

labbox

lab supplies at fair prices



Labbox Labware S.L. is a Spanish company dedicated to providing consumables, chemicals and small instruments to laboratories, schools, universities, government institutions and industry worldwide.

Labbox has always been committed, since its creation 18 years ago, to offer its clients the fairest prices and the best customer service.

We have been expanding our range of products year by year and, today, we are proud to launch our 19th catalogue edition. In the 2024 catalogue you will find a rich selection of labware and chemicals for your everyday use.

We are directly present in Spain, in France since 2009, in Italy since 2020 and in Germany and Netherlands since 2023. In addition to that, we are also represented by an international network of distributors in more than 50 countries.

To find your country please visit our website www.labbox.eu

In our quest of becoming a global leading supplier of laboratory equipment, we are always in search of new distributors to complement our sales network. If you would like to represent us in your country, please feel free to contact us.

Labbox Export
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Phone: +34 937 419 355



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ABOUT LABBOX

Labbox was born in Barcelona at the end of 2005 with three commitments that still remain intact today: to offer laboratory material at fair prices, to deliver quickly and to build close and trusting relationships with the customers.

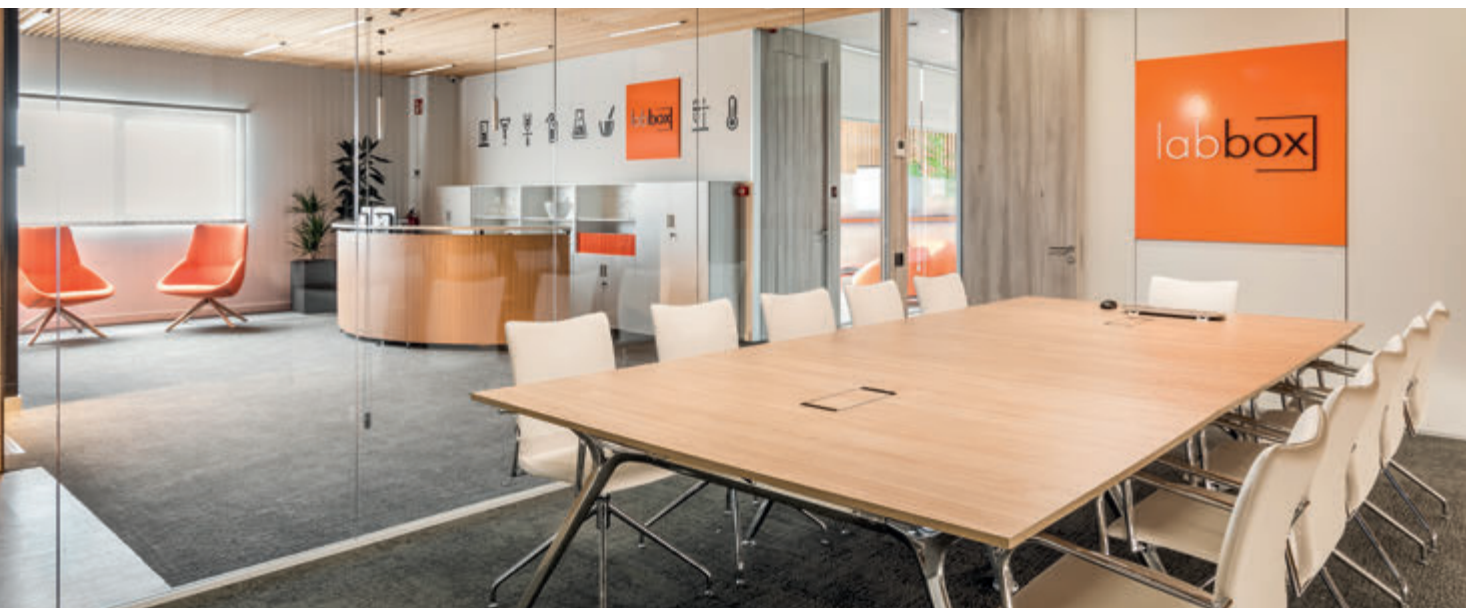
Since its launch, Labbox has transformed the laboratory materials market in Spain, being the fastest growing company in this field over the past 18 years.

In March 2006 our first catalogue in Spain came to life, with about 10 pages and 200 laboratory glass references. Since then, every year a new catalogue has been launched, with an ever-growing portfolio. Nowadays, the Labbox catalogue has become a reference point in the sector offering more than 5800 references of consumables, equipment, and laboratory chemical products.

Labbox has its own subsidiary in France, Italy, the Netherlands and Germany. In addition, we have the support of distributors in more than 50 countries, more than 70 employees, several thousand active customers and a revenue of over 16 million euros.

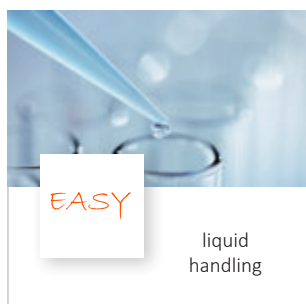
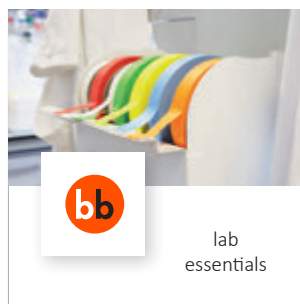
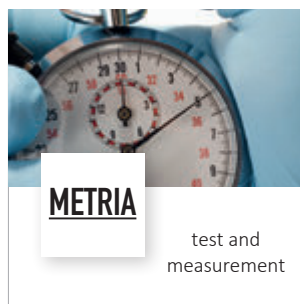
In our effort to become a leading global supplier of laboratory products, in 2021 we opened a new headquarters near Barcelona with a total surface of 5000 m². The characteristics of the new warehouse allow us to improve efficiency and agility, multiplying our storage capacity by 5. In addition, the facilities are adapted to store chemicals safely.

If we look back, we can say that we are proud of the journey that we have taken and the fact that we have kept our business values, the same values that we once dreamt of and that would help to create a company that is different from the rest.



OUR BRANDS

Labbox presents an extended catalogue of references that are integrated into 14 specialized own brands by fields, and easily identifiable in our catalog thanks to their logos.



WHAT'S NEW

2024

NEW

For easy distinction, the new references are marked in **orange** along with the 'New' logo.



LBX instruments includes laboratory equipment such as stirrers, baths, evaporators, centrifuges, incubators, ovens, or vacuum pumps, along with all the accessories required for their use.

In this catalogue edition, we introduce several new items to the range:

The cooling recirculator, **RC-1**. A versatile instrument that can be combined with many devices in our catalogue (rotary evaporators, distillation equipment, Soxhlet apparatus, etc.) and represents an eco-friendly and cost-effective option for cooling applications.

Two new **stirrers**:

The **H10X04** multiple magnetic stirrer with heating, the only one in our range of multi-plate stirrers that allows individual regulation of temperature and speed for each plate.

The **ROC-B1** mechanical stirrer, the first with "oscillating" movement.

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Gquence

NEW MOLECULAR BIOLOGY REAGENTS

The Gquence molecular biology reagents line experiences growth this year by introducing eight new products and expanding some references in existing products. These additions enrich the Gquence portfolio, providing researchers with an increasingly diverse range of options and facilities.



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Visit our website to stay updated on the innovations we incorporate into our portfolio throughout the year.

Our Astik's brand includes all kinds of plastic consumables for use in laboratories, clinics, industry, ...

To this extensive and versatile range, we add:

New cardboard racks for micropipette tips, combining lightweight and 100% biodegradable materials. They reduce plastic consumption by 60% compared to traditional options, maintaining quality without compromising our commitment to sustainability.

New conductive tips for automated or robotic systems. They offer a standardized design ensuring precise and efficient handling of liquid volumes, large or small, during processes such as sample preparation, assays, and automated analysis.

Polypropylene vials with hinged lids and graduations. Ideal for food sampling.

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astik's



METRIA

METRIA products will allow you to perform your tests and measurements with excellent precision and reliability.

In this catalogue edition, we have expanded the range of chromatography vials with new types of vials and caps to cover the full spectrum of applications.

Additionally, METRIA introduces the PLUS analytical balance, available in two versions: external calibration and internal calibration. METRIA balances offer excellent stability and sensitivity.

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ALSO OF INTEREST...

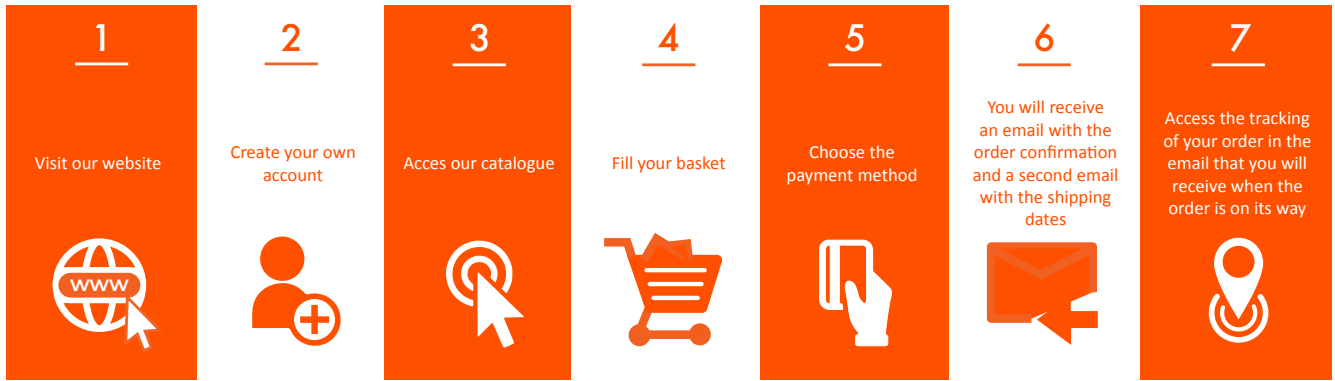
New set of special laboratory markers that includes three different colours (black, blue, red).

Pre-cut aluminum foil. Ideal for packaging, wrapping, and isolating. Available in different sizes and in square and round shapes.



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HOW TO PLACE AN ORDER?



Option to generate a quotation before sending your order



In addition to the possibility of tracking your order, in the tracking email you will also find the delivery note of your purchase and important information regarding the products of the shipment

















In some markets we sell our products through distributors to serve you more closely and efficiently. In these cases, you should contact our partners to purchase the products of this catalogue. At our website you will find the contact of your nearest distributor


























Place your order 24/7 at our website

Check products, characteristics and stock
Orders and quotes online
Incidence Management and Resolution
Technical queries and FAQ

PICTOGRAM GUIDE

	Requires cold transportation		Autoclavability
	Product of short shelf life, please read carefully the information about the expiry date on the label		Complies with the specifications defined in the European directive
	Food-grade product		Complies with the European Directive of In Vitro Diagnostic Devices
	May require a declaration of use depending on the destination country		Product made of borosilicate glass with high chemical resistance and low reactivity
	Suitable for photo-sensitive samples		Product made of soda-lime glass with moderate chemical resistance
	DNasa and RNasa free		Sterile by Ethylene Oxide
	Sterile by gamma radiation		Sterile by beta radiation
	Available in standard size and economy size		Bisphenol A (BPA) and phthalate-free product

PACKAGING

	plastic bottle GL45		Bag in Box PET/Al		COEX plastic jerrycan
	plastic bottle		glass bottle PP28		plastic pail
	glass bottle GL45		metal can		vial
	glass bottle		glass dropper bottle		bag
	plastic dropper bottle		specimen container		zipper bag
	plastic ampoule		plastic jerrycan		plastic dispenser bottle
	aluminium container		COEX plastic bottle		plastic spray
	plastic twin neck		plastic Bag		

LIFE SCIENCE

CELL CULTURE



Plastic for culture
Tissue grinders
Serological pipettes
Caps for cell culture

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MOLECULAR
BIOLOGY

Consumables for PCR/qPCR and
accessories
Thermocyclers
Electrophoresis
Reagents for Molecular Biology
Spin column

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MICROBIOLOGY AND
PATHOLOGY

Petri dishes
Loops and sterilizer
Counters
Test tubes for microbiology
Filtration of microbiological samples
Spotting plates and staining jars
Microscope slides and cover glasses
Slides storage
Culture media
Dyes and reagents

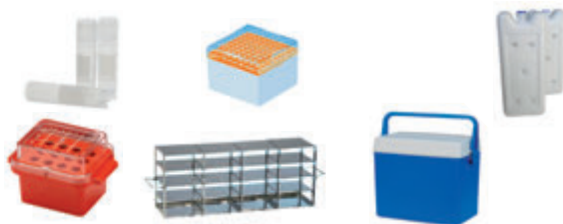
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Petrographic microscopes
Stereomicroscope
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CRYOGENIZATION

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Isothermal boxes and accessories

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GENERAL LABWARE



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Aluminium bottles

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SAMPLE
COLLECTION

Disposable
Zip bags
Sampling and blender bags
Reusable

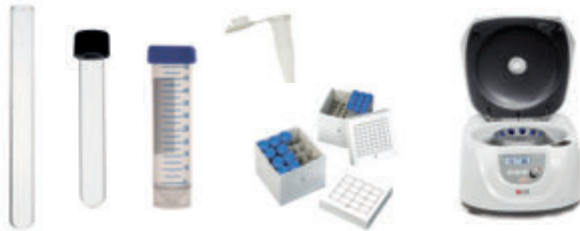
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CLEANING

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LIFE SCIENCE

GRYNIA



CULTURE FLASKS, TREATED, STERILE

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Flat base which is free from striation to maximize the usable growth area. Polyethylene cap available in two versions: blind standard cap for closed systems and vented cap with a 0,22 µm hydrophobic membrane to allow gas exchange minimizing the risk of cross contamination. Angled neck design to improve access of pipettes and cell scrapers. Engraved graduation on both sides and writing area next to the neck. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags. Free sterilization certificate available on the website

reference	volume (ml)	growth area (cm ²)	stopper	pcs/pack	price/pack
CCFP-S25-200	25	12,5	standard	200	
CCFP-V25-200	25	12,5	vent	200	
CCFP-S50-200	50	25,0	standard	200	
CCFP-V50-200	50	25,0	vent	200	
CCFP-25S-100	250	75,0	standard	100	
CCFP-25V-100	250	75,0	vent	100	
CCFP-60S-040	600	182,0	standard	40	
CCFP-60V-040	600	182,0	vent	40	
CCFP-85S-018	850	300,0	standard	18	
CCFP-85V-018	850	300,0	vent	18	

GRYNIA



MULTILAYER CULTURE FLASKS, STERILE

Manufactured with transparent high-quality polystyrene. 5 layers with treated surface for maximizing cell adherence. Polyethylene cap available in two versions: blind standard cap for closed systems and vented cap with a 0,22 µm hydrophobic membrane to allow gas exchange minimizing the risk of cross contamination. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags. Free sterilization certificate available on the website

reference	growth area (cm ²)	stopper	pcs/pack	price/pack
CCML-87S-008	870	standard	8	
CCML-87V-008	870	vent	8	

GRYNIA



CULTURE MULTIWELL PLATES, TREATED, STERILE

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Uniform volume and growth surface in all wells. Smooth well surface which is free from striation to maximize the usable growth area. Wells are labeled with alphanumeric code for easy identification. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Lids included. Packed in individual bags. Free sterilization certificate available on the website

reference	wells	working vol. (ml)	growth area (cm ²)	bottom	pcs/pack	price/pack
CCPP-006-100	6	1,90 - 2,90	9,60	flat	100	
CCPP-012-100	12	0,76 - 1,14	3,85	flat	100	
CCPP-024-100	24	0,38 - 0,57	1,93	flat	100	
CCPP-048-100	48	0,19 - 0,29	0,83	flat	100	
CCPP-096-100	96	0,075 - 0,20	0,33	flat	100	
CCPP-U96-100	96	0,075 - 0,20	0,58	U-shaped	100	

CULTURE DISHES, TREATED, STERILE

Manufactured with USP VI crystal class virgin polystyrene in a 100000 grade clean room. Treated surface. Smooth surface which is free from striation to maximize the usable growth area. Sterilized by beta irradiation and free of pyrogens. Lids included. Packed in resealable bags of 10 units. Free sterilization certificate available on the website

reference	∅ _{base} (mm)	∅ _{lid} (mm)	h _{with lid} (mm)	growth area (cm ²)	pcs/pack	price/pack
CCDP-035-960	32,8	37,8	12,5	8,5	960	
CCDP-060-600	52,0	58,8	17,8	21,2	600	
CCDP-100-300	87,8	95,6	22,0	60,8	300	

GRYNIA



ERLENMEYER FLASK FOR CELL CULTURE, STERILE

Ideal for shaking cell culture applications. All formats include a vent-type HDPE cap with a 0.22µm hydrophobic filter. The plastic material is very resistant and allows an optimal visualization of the interior. Engraved graduation on the side of the flask. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in resealable bags. Free sterilization certificate available on the website

reference	capacity	composition	pcs/pack	price/pack
EFCC-125-024	125 ml	PETG	24	
EFCC-250-012	250 ml	PETG	12	
EFCC-500-012	500 ml	PETG	12	
EFCC-1K0-024	1000 ml	PETG	24	

GRYNIA



MEDIA BOTTLES

Withstand temperatures from -80 °C up to +60 °C. Cap in HDPE. Fully transparent. Reduced permeability to CO₂ and O₂, molded graduations for precision, and free of DNase/RNase and pyrogens. Sterilized by irradiation with a SAL of 10⁻⁶ (ISO11137) and manufactured in a class 100,000 clean room environment, adhering to ISO13485 and ISO9001 quality management standards. Free sterilization certificate available on the website

reference	capacity	composition	pcs/pack	price/pack
MDBT-125-024	125 ml	PETG	24	
MDBT-250-024	250 ml	PETG	24	
MDBT-500-024	500 ml	PETG	24	
MDBT-1K0-024	1000 ml	PETG	24	

GRYNIA



VACUUM FILTER CUP FOR TUBES, STERILE

Used for the filtration of culture media and other biological fluids. Upper cup made of ABS, central neck and lid made of polypropylene. Compatible with 50 ml centrifuge tubes. Maximum usage temperature: 45 °C. Sterilized by beta irradiation and free of pyrogens. Packaged in individual bags. Free sterilization certificate available on the website

reference	pore (µm)	capacity	pcs/pack	price/pack
PES Membrane				
TVPE-152-024	0,22	150 ml	24	
TVPE-154-024	0,45	150 ml	24	
PVDF Membrane				
TVPV-152-024	0,22	150 ml	24	
TVPV-154-024	0,45	150 ml	24	

GRYNIA



GRYNIA

**VACUUM FILTRATION UNITS, STERILE**

Used for the filtration of culture media and other biological fluids. Collection bottle made of polystyrene, upper cup made of ABS, central neck and lid made of polypropylene. Filter membrane made of PES (polyethersulfone). Maximum usage temperature: 45 °C. Sterilized by beta irradiation and free of pyrogens. Packed in individual bags. Free sterilization certificate available on the website



reference	pore (µm)	volume (ml)	∅ _{membrane} (mm)	pcs/pack	price/pack
PES Membrane					
VFPE-152-012	0,22	150	50	12	
VFPE-154-012	0,45	150	50	12	
VFPE-252-012	0,22	250	50	12	
VFPE-254-012	0,45	250	50	12	
VFPE-502-012	0,22	500	75	12	
VFPE-504-012	0,45	500	75	12	
VFPE-1K2-012	0,22	1000	91	12	
VFPE-1K4-012	0,45	1000	91	12	
PVDF Membrane					
VFPV-152-012	0,22	150	50	12	
VFPV-154-012	0,45	150	50	12	
VFPV-252-012	0,22	250	50	12	
VFPV-254-012	0,45	250	50	12	
VFPV-502-012	0,22	500	75	12	
VFPV-504-012	0,45	500	75	12	
VFPV-1K2-012	0,22	1000	91	12	
VFPV-1K4-012	0,45	1000	91	12	

GRYNIA

**CELL STRAINER**

Made of a strong nylon mesh with evenly spaced mesh pores. The extended lip on the strainer enables aseptic handling with forceps. Designed to fit standard 50 ml conical tubes. Individually packed, sterilized by beta irradiation. DNase and RNase free, non-pyrogenic. Free sterilization certificate available on the website



reference	pore (µm)	description	pcs/pack	price/pack
CEST-040-050	40	blue, sterile	50	
CEST-070-050	70	white, sterile	50	
CEST-100-050	100	yellow, sterile	50	
Pestle				
CEST-PES-100		PP, light green, sterile	100	

GRYNIA

**CELL SCRAPERS, STERILE**

Two blade positions: "scraper" and "lifter", made of thermoplastic elastomer (TPE). Flexible ABS handle, specially designed to collect cells without damaging. Sterilized by beta irradiation and certified free of DNase, RNase and pyrogens. Packed in individual bags. Free sterilization certificate available on the website



reference	blade width (mm)	l _{total} (mm)	pcs/pack	price/pack
CSCP-025-100	20	250	100	
CSCP-039-100	20	390	100	

CELL LIFTER

Used to collect cells from a culture plate and or to eliminate cell layers. Polyethylene material. The one-piece design and the chiselled blade provide improved control while minimizing damage to cells. Sterilized by beta irradiation, non-pyrogenic. Packed in individual bags. Free sterilization certificate available on the website

reference	l _{total} (mm)	description	pcs/pack	price/pack
CELI-023-100	234	white, sterile	100	



POLYSTYRENE SEROLOGICAL PIPETTE, STERILE

Made of crystal polystyrene and with colour coded ring for quick volume identification. Sterilized by beta irradiation. Non-pyrogenic. Packed individually in paper/plastic bag (peel-pack). Cotton filter plug to protect pipetting devices. Graduations are calibrated for accurate dispensing within $\pm 2\%$. Normal graduation (zero on top). Carton has been specially designed for efficient bench top dispensing with a removable perforated front pane. Free sterilization certificate available on the website

reference	capacity	graduation (ml)	code colour	pcs/pack	price/pack
MPIP-J01-500	1 ml	0,01	yellow	500	
MPIP-J02-500	2 ml	0,02	green	500	
MPIP-J05-200	5 ml	0,1	blue	200	
MPIP-J10-200	10 ml	0,1	orange	200	
MPIP-J25-150	25 ml	0,2	red	150	
MPIP-J50-100	50 ml	0,5	purple	100	



TISSUE GRINDER, PTFE

Used for the controlled reduction of particle size and homogenization of a variety of substances, especially biological material. The plunger head is made of pure PTFE and the shaft of stainless steel (\varnothing 6,5 mm). The tube is made of borosilicate glass and the clearance between the plunger head and tube is 0,15-0,25 mm wide. Volumes stated are working volumes with the plunger in place

reference	volume (ml)	h (mm)	type	pcs/pack	price/pack
TIGR-V02-001	2	120	glass vessel	1	
TIGR-V05-001	5	135	glass vessel	1	
TIGR-V10-001	10	150	glass vessel	1	
TIGR-V15-001	15	155	glass vessel	1	
TIGR-V30-001	30	175	glass vessel	1	
TIGR-V50-001	50	195	glass vessel	1	
TIGR-P02-001	2	230	plunger	1	
TIGR-P05-001	5	235	plunger	1	
TIGR-P10-001	10	270	plunger	1	
TIGR-P15-001	15	270	plunger	1	
TIGR-P30-001	30	270	plunger	1	
TIGR-P50-001	50	270	plunger	1	

astik's



Steristoppers®



CELLULOSE STOPPERS, STERILIZABLE

Disposable. Designed to close culture and microbiological samples, sample tubes, erlenmeyers, ... Will fit perfectly into the mouth of the container. Sterilizable up to 200 °C. Air permeable



reference	number	for containers with \varnothing _{inner}	pcs/pack	price/pack
SSTO-08P-100	8P	7,5 - 10,5 mm	100	
SSTO-009-100	9	10,5 - 11,5 mm	100	
SSTO-09P-100	9P	9,0 - 10,5 mm	100	
SSTO-010-100	10	9,5 - 11,5 mm	100	
SSTO-011-100	11	12,0 - 14,5 mm	100	
SSTO-012-100	12	11,5 - 13,5 mm	100	
SSTO-013-100	13	12,5 - 14,5 mm	100	
SSTO-014-100	14	13,0 - 14,5 mm	100	
SSTO-015-100	15	13,5 - 15,5 mm	100	
SSTO-018-100	18	17,5 - 18,5 mm	100	
SSTO-019-100	19	19,0 - 22,0 mm	100	
SSTO-026-100	26	26,0 - 27,0 mm	100	
SSTO-027-100	27	27,0 - 32,5 mm	100	
SSTO-029-025	29	29,5 - 31,0 mm	25	
SSTO-29K-025	29K	26,0 - 27,0 mm	25	
SSTO-032-025	32	32,5 - 35,0 mm	25	
SSTO-036-025	36	35,5 - 39,5 mm	25	
SSTO-037-025	37	37,5 - 41,5 mm	25	
SSTO-038-025	38	40,0 - 43,5 mm	25	
SSTO-40P-025	40P	42,0 - 46,5 mm	25	
SSTO-45P-025	45P	47,0 - 48,0 mm	25	

Labocap



TEST TUBE CAPS, LABOCAP

Used in microbiological, bacteriological and biotechnological laboratories. They are mainly used to protect the sample against external dirt, guaranteeing a sterilizable but non-hermetic seal. Made of high quality aluminum. Built-in spring made of nickel-plated steel that gives an excellent adhesion to the tube and ensures the required air flow



reference	\varnothing _{tube} (mm)	colour	pcs/pack	price/pack
CFTT-012-010	12/13	red	10	
CFTT-015-010	15/16	red	10	
CFTT-017-010	17/18	red	10	
CFTT-019-010	19/20	red	10	
CFTT-024-010	24/26	red	10	
CFTT-S12-010	12/13	silver	10	
CFTT-S15-010	15/16	silver	10	
CFTT-S17-010	17/18	silver	10	
CFTT-S19-010	19/20	silver	10	
CFTT-S24-010	24/26	silver	10	
CFTT-B12-010	12/13	blue	10	
CFTT-B15-010	15/16	blue	10	
CFTT-B17-010	17/18	blue	10	
CFTT-B19-010	19/20	blue	10	
CFTT-B24-010	24/26	blue	10	

PCR MICROTUBE, DNase AND RNase FREE PREMIUM LINE

Made of polypropylene. Thin wall tube for PCR, optimized for all thermocyclers models. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Natural colour. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRD-F02-1K0	0,2 ml	PCR flat lid	1000	
PCRD-F05-1K0	0,5 ml	PCR flat lid	1000	

astik's

**PCR MICROTUBE**

Made of high quality polypropylene. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRP-002-1K0	0,2 ml	for PCR, flat lid	1000	
"Saving package"				
PCRP-002-20K	0,2 ml	for PCR, flat lid	20 x 1000	

astik's

**PCR 0,2 ml MICROTUBE STORAGE BOX**

Made of polypropylene. With transparent lid. Autoclavable

reference	type	pcs/pack	price/pack
PBOX-Y96-001	up to 96 tubes (8x12) 0.2 ml. Yellow color	1	

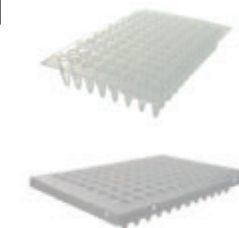
astik's

**96-WELL PCR/qPCR PLATES**

Optimized for most thermocycler models. Made of polypropylene USP VI. Alphanumeric code. Human DNA free and certified DNase, RNase and PCR-inhibitors free

reference	capacity	type	pcs/pack	price/pack
PCRL-096-100	0,2 ml	PCR, natural colour, non-skirted	10 x 10	
PCRL-Q96-100	0,2 ml	qPCR, natural colour, semi skirted	10 x 10	
PCRL-N96-100	0,2 ml	qPCR, natural colour, sub-semi skirted	10 x 10	
PCRL-P96-100	0,1 ml	qPCR, natural colour, semi skirted	10 x 10	
PCRL-L96-100	0,1 ml	qPCR, natural colour, sub-semi skirted	10 x 10	
PCRL-W96-100	0,1 ml	qPCR, white opaque colour, semi skirted	10 x 10	

astik's

**384-WELL qPCR PLATES**

Made of polypropylene USP VI. Alphanumeric code. Human DNA free and certified DNase, RNase, PCR-inhibitors, ATP and endotoxin free

reference	type	pcs/pack	price/pack
PCRL-384-100	full skirted, ABI & Bio-Rad type	10 x 10	
PCRL-W38-100	full skirted, Roche & Bio-Rad type	10 x 10	

astik's



astik's

PCR TUBE STRIPS

Strip of 8 tubes for PCR, optimized for all thermocycler models. Made of polypropylene USP VI. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Natural colour. Packed in bags of 12 pcs each. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRS-0S8-120	0,2 ml	cap strips included	10 x 12	
PCRS-0A8-120	0,2 ml	individual attached caps	10 x 12	

astik's

qPCR TUBE STRIPS

Strip of 8 tubes for qPCR. Made of polypropylene USP VI. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Includes optical strip caps in bags of 120 pcs

reference	capacity	type	pcs/pack	price/pack
PCRS-8C1-120	0,1 ml	natural colour, frosted	10 x 12	
PCRS-8W1-120	0,1 ml	white colour, opaque	10 x 12	
PCRS-8U1-120	0,1 ml	natural colour, ultra clear	10 x 12	
PCRS-8C2-120	0,2 ml	natural colour, transparent	10 x 12	
PCRS-8W2-120	0,2 ml	white colour, opaque	10 x 12	

astik's

4 WELL qPCR TUBE STRIPS

Made of polypropylene USP VI. Thin wall for best heat transfer, evaporation rate below 5%. Human DNA free and certified DNase, RNase, and PCR-inhibitors free. Packed in bags of 18 tube strips and 18 cap strips

reference	type	pcs/pack	price/pack
PCRS-QR4-252	natural colour, for Rotor-Gene Q	14 x 18	

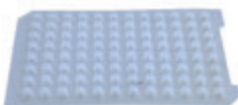
astik's

SEALING MEMBRANES FOR PCR/qPCR

Adhesive sealing membranes for 96-well plates. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Evaporation rate below 5%. Temperature range from -40 °C to +120 °C

reference	type	pcs/pack	price/pack
PCRF-PCR-100	adhesive, for PCR plates	100	
PCRF-QPC-100	adhesive, for qPCR plates	100	
PCRF-QPP-100	pressure-sensitive, for qPCR plates	100	
PCRF-ALU-100	adhesive, aluminium membrane for storage or PCR	100	

astik's

SILICONE MAT FOR PCR/qPCR PLATES

Human DNA, DNase, RNase and PCR-inhibitors free. "+" openings in each well position

reference	type	pcs/pack	price/pack
PCRF-ABI-010	for 96-well plates	10	
PCRF-AB3-010	for 384-well plates	10	

THERMOCYCLER, TC1000

Used to amplify DNA and RNA samples via the polymerase chain reaction and for other temperature-sensitive reactions. Aluminum block capacity (included): 96 x 0,2 ml PCR tubes, 96 well plate or 8 and 12 PCR tube strips. Heating temperature range: 4-105°C. Lid temperature range: 30-110°C. Temperature display resolution: $\pm 0,1^{\circ}\text{C}$. Temperature control accuracy [at 55°C]: $\pm 0,3^{\circ}\text{C}$. Temperature uniformity [at 55°C]: $< 0,3^{\circ}\text{C}$.

Max heating/cooling rate: 3°C/sec. Intuitive LCD touch screen for real time monitoring of experimental temperature. Six high-performance Peltier structures for temperature control accuracy. Superior temperature control system with two options: programming the block temperature or programming the estimated temperature inside the tube. Adjustable thermal lid with anti-sample evaporation function. Power-ON self-test function for quick internal diagnosis. Power off protection with automatic program recovery. User defined file system: max. 30 segments of 99 cycles, max. 16 folders and 16 files in each folder. Hot lid automatic shut-off function if module temperature is lower than 30°C. Compatible with most universal PCR tubes and 96-well PCR plates.

Dimensions: 280 x 370 x 250 mm. 200-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack
THCY-1KS-001	DLAB TC1000-S model	1	
THCY-1KG-001	DLAB TC1000-G model, with gradient	1	

DLAB



SPIN COLUMN FOR NUCLEIC ACIDS

Designed for rapid purification of nucleic acids. Silica membrane that can reversibly select and effectively bind nucleic acids. The purified product can be used for the common assays such as restriction enzyme digestion, PCR, sequencing, in vitro transcription and cloning. Compatible with Qiagen and Invitrogen buffer solutions. Binding ability 45-50 µg with a size fragment of 65 bp – 10 kbp. Autoclavable

reference	type	pcs/pack	price/pack
SPIN-DNG-100	for DNA	100	
SPIN-RNA-100	for RNA	100	
SPIN-DNP-100	for plasmid DNA	100	

BRANCHIA



ZERO DNA SOLUTION FOR CLEANING CONTAMINATING DNA AND RNA PARTICLES *SEE P. 345*

MICROTITER TUBE STRIPS

Ideal for a wide range of applications, such as immunoassays, agglutination, colorimetric assays, etc. PS material with optical transparency. Dimensions conform to ANSI/SBS microplate standard, compatible with standard and automated equipment. Sterilized by gamma irradiation. Free sterilization certificate available on the website

reference	description	pcs/pack	price/pack
MICP-008-060	8-well strip, flat-shape bottom	60	
MICP-CAP-010	lid for 96 wells	10	
MICP-FRA-010	frame for strips up to 96 wells	10	

astik's



COMPATIBILITY CHART FOR PCR / qPCR ASTIK'S STRIPS

	Microtube strips					
	PCRS-8C1-120	PCRS-8U1-120	PCRS-8W1-120	PCRS-8C2-120	PCRS-8W2-120	PCRS-QR4-252
ABI						
7000				•		
7300				•		
7500				•		
7500Fast	•					
Stepone	•					
Stepone Plus	•					
ViiA7 Fast	•					
Vii7				•		
7900				•		
7900 fast	•					
Quantstudio 3 (0,1ml)	•					
Quantstudio 5 (0,1ml)	•					
Quantstudio 6 (0,1ml)	•					
Quantstudio 6 pro (0,1ml)	•					
Quantstudio 7 (0,1ml)	•					
Quantstudio 7 pro (0,1ml)	•					
Quantstudio 12K (0,1ml)	•					
3130, 3130XL (0,1ml)	•					
3500, 3500XL (0,1ml)	•					
3730, 3730XL(0,1ml)	•					
3130xl				•		
3500xl				•		
3730xl				•		
seqstudio genetic analyzer				•		
Bio-Rad						
CFX96		•	•			
CFX96 connect		•	•			
CFX Opus 96		•	•			
CFX Opus 384						
Roche						
LightCycler 96			•			
LightCycler 480I & 480II			•			
Analytik Jena						
qTOWER G			•		•	
qTOWER G touch			•		•	
qTOWER 84						
Qiagen						
Rotor-GeneQ						•
QIAquant			•		•	
Stratagene						
AriaMx	•					
Mx3005PM, Mx3000P	•					



Visit our website www.labbox.eu to check the complete table

COMPATIBILITY CHART FOR PCR / qPCR ASTIK'S PLATES

	96-well plates					384-well plates	
	PCRL-N96-100	PCRL-Q96-100	PCRL-L96-100	PCRL-P96-100R	PCRL-W96-100	PCRL-384-100	PCRL-W38-100
ABI							
7000	•						
7300	•						
7500	•						
7500Fast			•				
StepOne Plus			•				
ViiA7 Fast				•			
ViiA7	•	•					
Vii7 (384 well)						•	
7900	•	•					
7900 fast			•	•			
7900 (384 well)						•	
Quantstudio 3 (0,1ml)			•	•			
Quantstudio 5 (0,1ml)			•	•			
Quantstudio 6 (0,1ml)			•	•			
3130, 3130XL (0,1ml)			•	•			
3500, 3500XL (0,1ml)			•	•			
3730, 3730XL(0,1ml)			•	•			
3130xl (0,2ml)	•	•					
3500xl (0,2ml)	•	•					
3730xl (0,2ml)	•	•					
3130xl (384 well)						•	
3500xl (384 well)						•	
3730xl (384 well)						•	
seqstudio genetic analyzer	•	•					
Bio-Rad							
CFX96				•	•		
CFX96 connect				•	•		
CFX Opus 96				•	•		
CFX Opus 384						•	•
Roche							
LightCycler 96					•		
LightCycler 480I & 480II					•		
LightCycler 480I & 480II (384 well)							•
Analytik Jena							
qTOWER G					•		
qTOWER G touch					•		
qTOWER 84							•
Qiagen							
QIAquant					•		
Stratagene							
AriaMx				•			
Mx3005PM, Mx3000P				•			



Visit our website www.labbox.eu to check the complete table

astik's



MICROTITER PLATES

96-well plates available with different bottom shapes. Ideal for a wide range of applications, such as immunoassays, agglutination, colorimetric assays, etc. PS material with optical transparency. Alpha-Numeric codes for easy identification. Dimensions conform to ANSI/SBS microplate standard, compatible with standard and automated equipment. Individual packaging that includes sterile lids. Sterilized by gamma irradiation. Free sterilization certificate available on the website



reference	description	pcs/pack	price/pack
MICP-00U-100	PS, U-shape bottom	100	
MICP-00V-100	PS, V-shape bottom	100	
MICP-00F-100	PS, flat-shape bottom	100	

lbx

HORIZONTAL ELECTROPHORESIS SYSTEM



Used for the separation of DNA and RNA molecules in agarose gels. High quality acrylic material manufactured in one piece with transparent cover. The power cables are fixed to the cover with banana-type plug. Auto-switch off function in case of removing the lid. Includes; gel caster, gel trays and set of combs



reference	dimensions (mm)	capacity	gel dimensions (mm)	pcs/pack	price/pack
ELFH-400-001	365 x 105 x 55	400 ml	78 x 100	1	
ELFH-550-001	300 x 165 x 75	550 ml	60 x 60, 120 x 60, 120 x 120	1	
ELFH-1K8-001	397 x 230 x 93	1800 ml	200 x 200, 200 x 150, 200 x 100	1	

lbx

VERTICAL ELECTROPHORESIS SYSTEM



Used for the separation of molecules in polyacrylamide gels (PAGE). High quality acrylic material manufactured in one piece. The power cables are fixed to the cover with banana-type plug. Auto-switch off function in case of removing the lid. Includes all the necessary components; tank, combs, glass plates, spacers



reference	dimensions (mm)	capacity	gel dimensions (mm)	pcs/pack	price/pack
ELFV-750-001	150 x 120 x 115	750 ml	82 x 88	1	

lbx

TRANSFER TANK



Used for the transfer of proteins from polyacrylamide gels. Colour code to ensure correct orientation of the gel during transfer. Includes 2 polycarbonate cassettes with perforated plates and 4 pads. Compatible with ELFV-750-001



reference	dimensions (mm)	description	pcs/pack	price/pack
ELFT-001-001	139 x 55 x 105	transference area 100 x 100 mm	1	

lbx

POWER SUPPLY FOR ELECTROPHORESIS



LCD screen and easy-to-use control panel. Programmable time function. Automatic detection of overload, lack of load, short circuit, rapid change of resistance and overheating of the system



reference	dimensions (mm)	output intensity	output power	output voltage	pcs/pack	price/pack
ELFP-300-001	230 x 237 x 118	5 - 300 V	1 - 400 mA	1 - 120 W	1	
ELFP-600-001	230 x 237 x 118	5 - 600 V	1 - 500 mA	1 - 300 W	1	

REAGENTS AND KITS FOR MOLECULAR BIOLOGY

x-VITA TAQ POLYMERASE

The x-VITA Taq DNA Polymerase is a thermostable recombinant enzyme produced in an *E. coli* strain, which carries the cloned pol gene from *Thermus aquaticus*. The enzyme has 5' to 3' polymerase activity

reference	description	package	price/pack
TAQP-S05-001	5U/μl, 250 rxn	500 U	

x-VITA MASTERMIX FOR PCR (2X)

The x-VITA MasterMix is an optimized ready-to-use MasterMix that contains all PCR reaction components: dNTPs, PCR buffer, Mg²⁺ and Taq DNA polymerase

reference	description	package	price/pack
TAQM-S02-001	primers and template not included, 250 rxn	2 x 1,25 ml	

x-VITA HOT START TAQ POLYMERASE

Specific, highly efficient and sensitive HotStart DNA Polymerase designed to minimize unspecific amplification, improving PCR specificity. It is bound to a proprietary antibody that blocks polymerase activity until a denaturation step occurs. The heat-labile antibodies are rapidly inactivated by raising the temperature. This minimizes primer-dimer and non-specific products. Before enzyme activation none of the enzyme activities are detectable

reference	description	package	price/pack
TAQP-H01-001	Hot Start, 5 U/μl, 250 rxn	500 U	

x-VITA HOT START TAQ POLYMERASE MASTERMIX

x-VITA Hot Start Taq Polymerase MasterMix (2x) is an optimized ready-to-use solution containing x-VITA Hot Start Taq Polymerase (TAQP-H01-001), dNTPs, MgCl₂ and stabilizers. It is inactive at Room Temperature and includes all material needed except Template and Primers

reference	description	package	price/pack
TAQM-H01-001	primers and template not included, 250 rxn	2 x 1,25 ml	

x-VITA GREEN-TAQ POLYMERASE

x-VITA Green-Taq Polymerase is a pure, versatile and thermostable recombinant enzyme produced in an *E. coli* strain, which carries the cloned pol gene from *Thermus aquaticus*. The 10x Green Buffer contains an Agarose Loading Buffer including two tracking dyes (blue and yellow dye) for visual tracking of DNA migration and a dense compound to facilitate the drop-down of the samples into the well Agarose gels. Blue dye (migrates with 3 to 5 kb DNA fragments in 1% agarose gel) and Yellow dye (migrates faster than 10 bp DNA fragments in 1% Agarose gel). Includes 100 μL of x-VITA Green-Taq Polymerase and 2 x 1,25 mL of Green Buffer (10x) with 20 mM MgCl₂

reference	description	package	price/pack
TAQP-SG5-001	green buffer, 5 U/μl	500 U	

Qquence



Qquence



Qquence



Qquence



Qquence






x-VITA TAQ POLYMERASE PROOFREADING

Derived from the hyperthermophilic archaeon *Pyrococcus furiosus*, it possesses superior thermostability and error correction properties (3' to 5' exonuclease activity), allowing it to correct nucleotide misincorporation errors. PCR products result in blunt ends, which are ideal for cloning into vectors. Elongation rate of 1 kb/min (70-75°C)



reference	description	package	price/pack
TAQP-PF1-001	2,5U/μl, 125 rxn	250 U	




x-VITA MASTERMIX FOR PCR PROOFREADING (2X)

The x-VITA MasterMix is an optimized ready-to-use MasterMix that contains all PCR reaction components: dNTPs, PCR buffer, Mg²⁺ and Taq DNA polymerase proofreading



reference	description	package	price/pack
TAQM-PF1-001	primers and template not included, 100 rxn	1 ml	




x-VITA TAQ POLYMERASE FOR LONG FRAGMENTS

A specially formulated solution designed to amplify long DNA fragments. It combines two thermostable DNA polymerases, the standard Taq x-VITA and the proofreading x-VITA. It can amplify long DNA chains, such as the λ phage genome, of up to 20 kb. It's also a superior choice for amplifying complex templates, particularly those with a high GC content. The elongation rate is 3 kb/min. The generated products consist of a mixture of 3'-dA overhang and blunt-end products, which can be used in TA cloning



reference	description	package	price/pack
TAQP-LT1-001	2,5U/μl, 125 rxn	250 U	




x-VITA MASTERMIX FOR LONG FRAGMENT PCR (2X)

The x-VITA MasterMix is an optimized ready-to-use MasterMix that contains all PCR reaction components: dNTPs, PCR buffer, Mg²⁺ and Taq DNA polymerase for long fragments



reference	description	package	price/pack
TAQM-LT1-001	primers and template not included, 100 rxn	1 ml	




x-VITA dNTP MIX

The x-VITA dNTP Mix offers high purity and stability for PCR assays. The ready-to-use solution includes each dNTP (dATP, dCTP, dGTP, dTTP) mixed at final concentration of 10 mM or 40 mM



reference	description	package	price/pack
DNTP-025-001	2,5 mM each nt, 10 mM total	1 ml	
DNTP-040-001	10 mM each nt, 40 mM total	1 ml	



x-VITA PCR ENHANCER

PCR supplement that enhances sensitivity, leading to enhanced PCR effectiveness and decreased background noise. Especially beneficial for challenging templates (e.g., those rich in GC content) and intricate reactions

reference	description	package	price/pack
PCRE-GC1-001	ready-to-use mix	500 µl	


**qLUMEN MASTERMIX FOR qPCR (2X) WITH PROBE**

The qLUMEN Probe MasterMix offers exceptional performance for real-time PCR. It is based on the TaqMan® Probe-based analysis. Includes all the components required for running qPCR reactions except for primers and template

reference	description	package	price/pack
QPCR-PHR-001	high ROX™, 100 rxn	2 x 1,25 ml	
QPCR-PLR-001	low ROX™, 100 rxn	2 x 1,25 ml	


**qLUMEN MASTERMIX FOR qPCR (2X) WITH GREEN DYE**

The qLUMEN MasterMix with green dye offers exceptional performance for real-time PCR using an analogue green fluorescent dye to SYBR® Green. Includes all the components required for running qPCR reactions except for primers and template

reference	description	package	price/pack
QPCR-GHR-001	high ROX™, 100 rxn	2 x 1,25 ml	
QPCR-GLR-001	low ROX™, 100 rxn	2 x 1,25 ml	
QPCR-GWR-001	w/o ROX™, 100 rxn	2 x 1,25 ml	


**qLUMEN ONE-STEP RT-qPCR KIT WITH PROBE**

The qLUMEN RT-qPCR Kit with probe offers exceptional performance in cDNA Synthesis and qPCR in a single tube. The kit includes a MasterMix supplied in a 2x concentration to perform Real-Time PCR and is compatible with most probe technologies. It also includes a RT mix that comprises a balanced mixture of both RTase and RNase inhibitors

reference	description	n° tests / sales unit	price/pack
RPCR-KPH-100	high ROX™	100	
RPCR-KPL-100	low ROX™	100	


**qLUMEN ONE-STEP RT-qPCR KIT WITH GREEN DYE**

The qLUMEN RT-qPCR Kit with green dye offers exceptional performance in cDNA Synthesis and qPCR in a single tube. The kit includes a MasterMix supplied in a 2x concentration to perform Real-Time PCR using a proprietary green dye. It also includes a RT mix that comprises a balanced mixture of both RTase and RNase inhibitors

reference	description	n° tests / sales unit	price/pack
RPCR-KGH-100	high ROX™	100	
RPCR-KGL-100	low ROX™	100	







x-VITA 2X ONE-STEP RT-PCR MIX

For one-step reverse transcription and PCR applications with gene-specific primers (GSP) for RNA targets. It is formulated with optimized components and buffers to enable reverse transcription and amplification in a single reaction tube. Supplied at a 2X concentration, it's easy to use, requiring only the addition of GSP and RNA template, without the need to open caps or perform additional pipetting operations, saving time and effectively reducing the risk of contamination



reference	description	n° tests / sales unit	price/pack
RPCR-K01-050	primers and template not included, 50 rxn	1,25 ml	




dNEAT PCR PURIFICATION KIT

The dNEAT PCR Purification Kit provides a highly efficient method to isolate and purify DNA from amplicons of reaction mixtures. The columns contain a membrane that allows DNA binding in presence of chaotropic salts and the removal of contaminants. The kit contains: Buffer A1, buffer A2, Washing solution and 50 columns



reference	description	n° tests / sales unit	price/pack
PURK-PCR-050	PCR DNA purification	50	




dNEAT AGAROSE PURIFICATION KIT

The dNEAT Agarose Purification Kit provides a highly efficient method to extract DNA from agarose gels. The columns contain a silica membrane that allows the binding of the DNA fragment in presence of chaotropic salts. The kit contains: Buffer A1, buffer A2, Washing solution and 50 columns



reference	description	n° tests / sales unit	price/pack
PURK-AGA-050	agarose gel DNA purification	50	




dNEAT PLASMID PURIFICATION KIT

dNEAT Plasmid Purification Kit provides a highly efficient and reliable method to isolate plasmid preparations in mini format. The columns' silica membrane allows the binding of up to 24 µg of DNA



reference	description	n° tests / sales unit	price/pack
PURK-MIN-050	isolation of plasmid minipreparations	50	




dNEAT SALIVA DNA EXTRACTION MINI SPIN KIT

Reliable, easy and rapid Mini Spin Kit for the purification of high-quality DNA from human and animal sample saliva. The kit is based in the DNA ability to bind silica in the presence of high concentrations of chaotropic salts



reference	description	n° tests / sales unit	price/pack
PURK-SAL-050	isolation of total DNA from human sample saliva	50	




dNEAT BLOOD DNA EXTRACTION KIT

Reliable, easy-to-use and rapid method for high-quality genomic DNA purification from various sources, including: whole blood, buffy coat or cultured cells. The procedure includes: lysis, protein removal, DNA precipitation, washing and hydration



reference	description	package	price/pack
PURK-BLD-100	for 5 or 10 ml samples	100 ml	

dNEAT BACTERIAL GENOMIC DNA ISOLATION KIT

This purification kit provides an accurate, easy-to use and rapid method to isolate high quality DNA from both Gram negative and Gram positive bacteria. The kit uses breakthrough technology based in the ability to bind silica in the presence of high concentrations of chaotropic salts as guanidinium thiocyanate. The extraction process uses comfortable MiniSpin Columns and includes an initial cell-wall lysis step with the appropriate enzyme to ensure efficient cell lysis and DNA release from the cell

reference	description	n° tests / sales unit	price/pack
PURK-BAC-050	bacterial DNA isolation from cell pellets	50	

 **Quence**



rNEAT TISSUE TOTAL RNA PURIFICATION KIT

The rNEAT Tissue Total RNA Purification Kit provides a rapid and efficient method to isolate and purify RNA from tissue and culture cells. The columns contain a membrane that allows RNA binding in presence of chaotropic salts and the removal of contaminants. Tissue samples can be homogenized in a microcentrifuge tube using the provided micropestle

reference	description	n° tests / sales unit	price/pack
PURK-RNA-050	RNA purification from tissue samples	50	

 **Quence**



rNEAT VIRAL RNA EXTRACTION KIT

Designed for the rapid purification of viral RNA from cell-free samples such as serum, plasma, urine, cell free body fluids, cell culture supernatants and rinse liquid from swabs samples. Viral RNA molecules bind to the silica-based media and impurities such as proteins and nucleases are removed by thorough washing with Wash Buffer. The RNA is then eluted in sterile, RNase free water. The isolated Viral RNA is ready-to-use and should be stored at -70°C. The procedure can be used for isolation of viral RNA from a broad range of viruses. However, performance cannot be guaranteed for every virus species and must be validated by the customer. The amount of purified viral RNA depends on the sample type, the virus titer, sample source, transport, storage, and age. The Kit also includes carrier RNA that improves binding and recovery of low-concentrated viral RNA

reference	description	n° tests / sales unit	price/pack
PURK-RNV-100	the purified RNA is suitable for RT-PCR and qRT-PCR	100	

 **Quence**



PROTEINASE K

Proteinase K isolated from *Tritirachium album* is used for protease digestion during DNA and RNA preparation. It is a serine protease that exhibits broad cleavage specificity. With a molecular weight of 28.900 kD, it cleaves peptide bonds adjacent to the carboxylic group of aliphatic and aromatic amino acids. It is not inactivated by chelating reagents such as EDTA or detergents such as SDS and is active in a wide range of pH (4 - 12,5)

reference	description	package	price/pack
PRTK-L01-100	lyophilized powder, ≥30 units/mg protein	100 mg	
PRTK-S01-001	in solution, 20 mg/ml (20 µg/µl)	1 ml	

 **Quence**






RNase INHIBITOR

RNase Inhibitor is a recombinant protein which specifically inhibits Ribonucleases A, B and C. The protein inhibits RNases by binding noncovalently in a 1:1 ratio with a potent affinity ($k_i > 10^{-14}$ M). RNase inhibitor protein is purified from E.coli strain harbouring a plasmid with cloned gene coding of mammalian RNase inhibitor

reference	description	package	price/pack
RNIN-001-2K5	free of DNA exo- and endonuclease	2500 U	




innoQ DNA STAIN FOR ELECTROPHORESIS

The innoQ Green DNA Gel Stain replaces toxic Ethidium Bromide (EtBr) for the visualization of double stranded DNA, single-stranded DNA, and RNA in Agarose and Polyacrylamide Electrophoresis Gel

reference	description	package	price/pack
GDYE-001-500	non-toxic, 20000X	500 μ l	




OXGEN DNA MOLECULAR WEIGHT MARKER

OXGEN DNA molecular weight markers are precise and highly stable, suitable for sizing DNA. They contain loading dyes with one or two migration visualisation dyes

reference	description	package	price/pack
LADD-DN1-500	25 - 700 bp, 10 bands	500 μ l	
LADD-DN4-500	100 bp - 1 kb, 10 bands	500 μ l	
LADD-DN5-500	100 bp - 1,5 kb, 11 bands	500 μ l	
LADD-DN2-500	100 bp - 2 kb, 13 bands	500 μ l	
LADD-DN3-500	500 bp - 10 kb, 11 bands	500 μ l	




OXGEN LOADING BUFFER (6X)

Pre-mixed loading buffer with tracking dyes for non-denaturing agarose and polyacrylamide gel electrophoresis. Dyes used include xylene cyanol, orange G, and bromophenol blue. Comes in 5 tubes, each containing 1 ml

reference	description	package	price/pack
LDBF-00B-005	bromophenol blue	5 x 1 ml	
LDBF-00N-005	xylene cyanol and orange G	5 x 1 ml	
LDBF-003-005	3 dyes	5 x 1 ml	




LAMBDA DNA HINDIII MARKER

The Hind III digest of lambda DNA yields 8 fragments suitable for use as molecular weight standards for agarose gel electrophoresis. λ DNA /Hind III is pre-mixed with loading buffer

reference	description	package	price/pack
LMBD-H03-050	ready-to-use	50 mg	



XTT CELL PROLIFERATION ASSAY KIT

The XTT Cell Proliferation Assay Kit is an optimized, accurate and sensitive colorimetric assay that detects the cellular metabolic activities. The viable cells reduce the salts to the highly coloured formazan dye

reference	description	n° tests / sales unit	price/pack
XTTC-001-500	colorimetric detection	500	

Quence



LUCIFERASE REPORTER ASSAY KIT

The Luciferase Reporter Assay Kit is an accurate and easy method for studying gene reporter regulation and function in transformed cell lines. The method consists of the oxidation of the luciferin by the enzyme. The kit contains: coenzyme A, ATP and luciferin

reference	description	n° tests / sales unit	price/pack
LUCI-001-100	from <i>Photinus pyralis</i>	100	

Quence



RESAZURIN CELL VIABILITY ASSAY

The Resazurin Cell Viability Assay is a ready-to-use fluorescent assay that detects cellular metabolic activity. Resazurin is a blue non-fluorescent dye until it is reduced by metabolically active cells. When reduced it becomes fluorescent pink

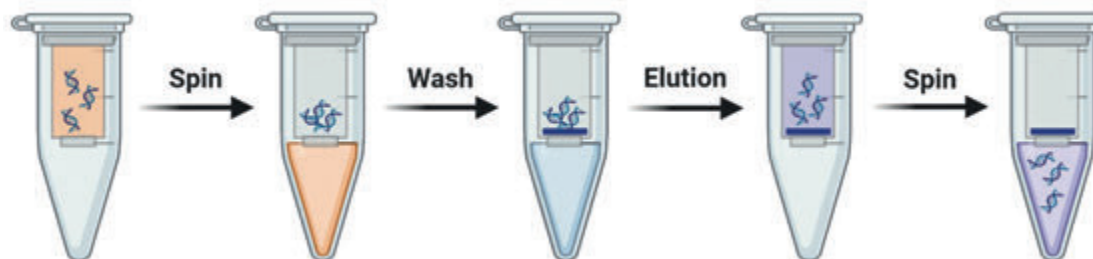
reference	description	n° tests / sales unit	price/pack
RESC-001-2K5	fluorescence assay	2500	

Quence



i QUENCE EXTRACTION AND PURIFICATION KITS

The dNEAT and rNEAT kits for isolating nucleic acids are based on the spin column method. This method is widely used in many nucleic acid purification kits and is very common in research and other laboratory fields. The main principle relies on nucleic acid binding to a solid surface, such as silica gel. Once the cellular lysate is eluted, addition of buffers with varying conditions, such as in pH or salt concentration, facilitate nucleic acid binding and removal of unwanted particles. Therefore, the obtained sample is purified thus ready to use in any downstream application, such as PCR, qPCR, NGS, Cloning, among others.



ACRYLAMIDE

MW: 71.08 CAS: 79-06-1 EC: 201-173-7 EC INDEX: 616-003-00-0 UN: 2074 TARIC code: 29241900



labkem

IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074



ACRYLAMIDE GEN FOR ELECTROPHORESIS	reference	packaging	price
Assay > 99.9% Insol. matter < 0.05%	Acryl. acid < 0.001% H ₂ O < 0.1%	ACAD-00B-1K0 1 kg	

AGAROSE

CAS: 9012-36-6 EC: 232-658-1 TARIC code: 13023100

labkem

AGAROSE D1 LOW EEO (ELECTROENDOSMOSIS) GEN	reference	packaging	price
App. White cream powder Moisture < 7% pH solution 6.5 - 7.0 pH gel 6.5 - 7.0 Ash < 0.4% colour. (1.5%,450nm) < 0.03 Turb. (1.5%) < 3NTU	Gel str. 1.5% > 2500g/cm Gel strength 1% > 1200g/cm SO ₄ < 0.1% Gel point (1.5%) 34.5 - 37.5°C Melt. range (1.5%) 86.5 - 89.5°C EEO 0.05 - 0.13	Applications: DNA typing, Blotting. Anal. and prep. gel electroph. for nucl ac. > 1000bp Storage temp. 2 - 25°C	AGAR-D1L-500 500 g
AGAROSE E GEN	reference	packaging	price
Ash < 0.45% SO ₄ < 0.15% Gel strength 1% > 1000g/cm ₂ Turb. (1.5%) < 4NTU	Gel str. 1.5% > 2000g/cm ₂ Gel point (1.5%): 34.5 - 37.5°C Melt. range (1.5%): 86.5 - 89.5°C	Applications: Blotting Sep. of nucl. ac. from 250bp to 23kb Storage temp.: 2 - 25°C	AGAR-E00-500 500 g
AGAROSE LM-SIEVE GEN	reference	packaging	price
App.: White cream powder Turb. (4%) < 8.00NTU Moisture < 7% pH solution: 6.85 - 7.15 pH gel: 6.85 - 7.15 Ash < 0.3% Colour. (4%, 450nm) < 0.06	Gel str. 4% > 1000g/cm SO ₄ < 0.12% Gel point (4%) < 35°C Melt. point (4%) < 65°C Anal. Separ. < 1000bp EEO < 0.1	Applications: Preparative electrophoresis, Fine resolution, In-gel applications. Storage temp.: 2 - 25°C	AGAR-LMS-100 100 g
AGAROSE MS-4 GEN	reference	packaging	price
App.: White cream powder Transp. (3%) < 6NTU Moisture < 7% pH solution: 6.4 - 6.8 pH gel: 6.4 - 6.8 Ash < 0.3% Colour. (450nm) < 0.04	Gel strength (3%) > 500g/cm SO ₄ < 0.11% Gel str. (5%) > 1000g/cm Gel point (3%) < 31°C Melt. point (3%) < 76°C Anal. Separ. < 1000bp EEO < 0.12	Applications: Fine resolution, Protein electrophoresis. Storage temp.: 2 - 25°C	AGAR-MS4-100 100 g

DIMETHYL SULFOXIDE

MW: 78.13 CAS: 67-68-5 EC: 200-664-3 TARIC code: 29309098



labkem

IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074



DIMETHYL SULFOXIDE GEN FOR CELL BIOLOGY	reference	packaging	price
Assay > 99.5% Free Acid < 0.001% Non-Vol. Mat. < 0.001% Phosphorous(P) < 0.00001%	Si < 0.00002% H ₂ O < 0.1% Ca < 0.0001% Cu < 0.00005%	Fe < 0.0001% K < 0.00005% Mg < 0.00005% Na < 0.0002%	Pb < 0.00002% Zn < 0.00002%
	DMSO-00B-100	100 ml	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

EDTA - ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT DIHYDRATE

labkem

MW: 372.24 CAS: 6381-92-6 EC: 205-358-3 TARIC code: 29224985



IMDG: 6.1 III UN 2074 ADR: 6.1 III UN 2074 IATA: 6.1 III UN 2074



EDTA - ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT DIHYDRATE GEN	reference	packaging	price
DNases/RNases/Proteases free pass test Assay > 99.5% pH (5%, 25°C) 4 - 5 Loss on dry. < 10.0% Cl ⁻ < 0.005% SO ₄ < 0.01%	As < 0.0005% Cu < 0.001% Fe < 0.001% Pb < 0.001%	EDTA-00B-500	500 g

FICOLL® 400

labkem

MW: 400000 CAS: 26873-85-8 TARIC code: 39079190

FICOLL® 400 GEN	reference	packaging	price
DNases/RNases/Proteases free App. White to off-white	FCOL-00B-010	10 g	

GLYCINE

labkem

MW: 75.06 CAS: 56-40-6 EC: 200-272-2 TARIC code: 29224985



GLYCINE GEN FOR ELECTROPHORESIS AND MOLECULAR BIOLOGY	reference	packaging	price
DNases/RNases/Proteases free Assay > 99.5% pH 5.9 - 6.4 Loss on dry. < 0.1%	Other (Amino-ac.) < 0.1% NH ₄ < 0.02% Cl ⁻ < 0.004% SO ₄ < 0.005%	As < 0.0001% Fe < 0.0005% Pb < 0.0005%	GLIC-00B-1K0 1 kg

IPTG

labkem

MW: 238.3 CAS: 367-93-1 TARIC code: 38229000



IPTG GEN	reference	packaging	price
Purity (HPLC)(on dry basis): >99.0% Melting point: 110 – 114 °C Identity (IR): conforms to structure Solubility: soluble in water and methanol	Heavy metals (Pb): <5ppm 1,4-Dioxane: Not detected pH (5% in water): 5.0 – 7.0 Water content (Karl Fischer): <1.0%	IPTG-005-001	5 g

LB (LENNOX) AGAR

labkem

TARIC code: 13023100

LB (LENNOX) AGAR GEN	reference	packaging	price
Homogeneous, free flowing and beige. If any changes physically, discard product. App. Amber slight opalesc. pH (25°C) 6.8 - 7.2 Conc. of use 35g/L	Preparation: Dissolve 35 gr on 1 L with heat and boil for 1 min until complete dissolution. Sterilize at 121°C for 15 min, cool to 45-50°C, mix well and dispense into plates.	Once open. avoid hydr. Storage temp. 2 - 25°C	AGLB-00P-500 500 g

LB (LENNOX) BROTH

labkem

TARIC code: 13023100

LB (LENNOX) BROTH GEN	reference	packaging	price
Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App. clear amber pH (25°C) 6.8 - 7.2 Conc. of use 20g/L	Preparation: Dissolve 20 gr on 1 L with heat until complete dissol. Steril. 121°C for 15 min. Once open. avoid hydr. Storage temp. 2 - 25°C	LBBR-00P-500	500 g

LBZOL REAGENT

labkem

CAS: 593-84-0 TARIC code: 38229000

IMDG: 6.1 II UN 2810 ADR: 6.1 II UN 2810 IATA: 6.1 II UN 2810



LBZOL REAGENT GEN	reference	packaging	price
Used in the extraction of DNA, RNA, and proteins. Contains guanidium thiocyanate	TZOL-001-100	100 ml	

LB (MILLER) AGAR

labkem

TARIC code: 13023100

LURIA AGAR (MILLER'S LB AGAR) GEN	reference	packaging	price
Homogeneous, free flowing and beige. If any changes physically, discard product. App. Amber slight opalesc. pH (25°C) 6.8 - 7.2 Conc. of use 40g/L Preparation:	AGLU-00P-500	500 g	
Diss. 40 gr in 1 L of water w/heat and boil for 1 min until complete dissol. Sterilize at 121°C for 15 min, cool to 45-50°C, mix well and dispense into plates. Once open. avoid hydration Storage temp. 2 - 25°C			

LB (MILLER) BROTH

labkem

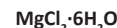
TARIC code: 13023100

LURIA BROTH (MILLER'S LB BROTH) GEN	reference	packaging	price
Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App. clear amber pH (25°C) 6.8 - 7.2 Conc. of use 25g/L Preparation:	LUBR-00P-500	500 g	
Dissolve 25 gr on 1 L with heat until complete dissol. Steril. 121°C for 15 min. Once open. avoid hydration Storage temp. 2 - 25°C			

MAGNESIUM CHLORIDE HEXAHYDRATE

labkem

MW: 203.3 CAS: 7791-18-6 EC: 232-094-6 TARIC code: 28273100



MAGNESIUM CHLORIDE HEXAHYDRATE GEN FOR MOLECULAR BIOLOGY	reference	packaging	price
DNases/RNases/Proteases free Assay > 99.0% Loss on dry. < 1%	MGCH-06B-500	500 g	
SO ₄ < 0.01% As < 0.005% Ca < 0.01%			
Fe < 0.005 Na < 0.2			

PONCEAU S RED SOLUTION

labkem

TARIC code: 38220000



PONCEAU S RED SOLUTION GEN FOR MOLECULAR BIOLOGY	reference	packaging	price
DNases/RNases/Proteases free Assay > 99.0% Loss on dry. < 1%	PONC-S0B-250	250 ml	
SO ₄ < 0.01% As < 0.005% Ca < 0.01%			
Fe < 0.005 Na < 0.2			

TERRIFIC BROTH

labkem

TARIC code: 13023100

TERRIFIC BROTH GEN	reference	packaging	price
Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App. amber pH (25°C) 7.0 - 7.4 Preparation:	TEBR-00P-500	500 g	
Suspend 50.8 gr in 900ml, add 4ml of glycerol and adjust to 1 L. Sterilize at 121°C for 15 min. Once open. avoid hydration Storage temp. 2 - 25°C			

TRIS-ACETATE-EDTA-BUFFER PH 8.5 (50X)

labkem

TARIC code: 38229000

TRIS-ACETATE-EDTA-BUFFER PH 8.5 (50X) GEN	reference	packaging	price
Composition TRIS 2.0 mol/l EDTA 0.05 mol/l HAC 1 mol/l in	TAE8-085-1K0	1 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY




REQUIRES REFRIGERATED TRANSPORTATION

TRIS-BORATE-EDTA-BUFFER PH 8.3 (10X)

labkem

TARIC code: 38229000


TRIS-BORATE-EDTA-BUFFER PH 8.3 (10X) GEN	reference	packaging	price
Composition TRIS 1.0 mol/l EDTA 0.02 mol/l H ₃ BO ₃ 1.0	TBEB-083-1K0	 1 L	

TRIS (HYDROXYMETHYL) AMINOMETHANE

labkem

CAS: 77-86-1 MW: 121,14 EC: 201-064-4 TARIC code: 29221900



TRIS (HYDROXYMETHYL) AMINOMETHANE GEN	reference	packaging	price
Assay > 99% Melt. range 168 - 172°C	pH (5%, 20°C) 10 - 11.5 Ash (SO ₄) < 0.05%	Heavy metals (Pb) < 0.0005%	TRIS-00A-250
		 250 g	

TWEEN® 20

labkem

MW: 1227.72 CAS: 9005-64-5 TARIC code: 34029010

TWEEN® 20 GEN FOR BIOCHEMISTRY	reference	packaging	price
Density 1.095 - 1.105 Solub. in H ₂ O > 100g/l	boiling point > 100° C		TWEN-20B-100
		 100 ml	

ULTRAPURE WATER

labkem

MW: 18.02 CAS: 7732-18-5 TARIC code: 38229000




ULTRAPURE WATER GEN	reference	packaging	price
PH 5.4 - 7.0 Conductivity at 25 °C < 2.5µS/cm DNases/RNases/Proteases free			ULTW-001-005
		 5 x 1 ml	
		 1 L	

UREA

labkem

MW: 60.06 CAS: 57-13-6 EC: 200-315-5 TARIC code: 31021010




UREA GEN FOR ELECTROPHORESIS AND MOLECULAR BIOLOGY	reference	packaging	price
DNases/RNases/Proteases free Assay > 99.0% pH 7.5 - 10.5	Heavy metals (Pb) < 0.001% Cl⁻ < 0.0005% SO ₄ < 0.001%	Fe < 0.0005%	UREA-00B-100
		 100 g	

X-GAL

labkem

MW: 408.63 CAS: 7240-90-6 TARIC code: 38229000



X-GAL GEN	reference	packaging	price
Assay (HPLC) > 98% w/w Purity (HPLC): > 99% Purity (TLC): single spot	Water content (Karl Fischer): <1% Identity (IR): conforms to structure Solubility (5% w/v, DMF): soluble		XGAL-001-001
		 1 g	

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

Disclaimer: Labkem chemical products are exclusively for use in laboratory and by instructed and experienced technicians. These chemical products may be dangerous, so please follow instructions mentioned on the Material safety data sheets.

Due to shipping restrictions or local/national regulations, all products may not be available in all countries or for some particular customers.

astik's

Ø55 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, aseptic or sterilized by irradiation. Free sterilization certificate available on the website



reference	Ø _{base} (mm)	h _{base} (mm)	h _{with lid} (mm)	type	pcs/pack	price/pack
PDIP-06N-500	55,0	12,8	14,1	aseptic, without vents	500	
PDIP-E6N-500	55,0	12,8	14,1	sterile, without vents	500	
PDIP-060-500	54,4	12,7	14,0	aseptic, with 3 vents	500	
PDIP-E60-500	54,4	12,7	14,0	sterile, with 3 vents	500	

astik's

Ø90 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 20/23 units, aseptic or sterilized by irradiation. Free sterilization certificate available on the website



reference	Ø _{base} (mm)	h _{base} (mm)	h _{with lid} (mm)	type	pcs/pack	price/pack
PDIP-09N-500	89,5	15,2	16,3	aseptic, without vents	500	
PDIP-E9N-500	89,5	15,2	16,3	sterile, without vents	500	
PDIP-090-500	88,8	15,0	16,3	aseptic, with 3 vents	500	
PDIP-E90-500	88,8	15,0	16,3	sterile, with 3 vents	500	
PDIP-091-575	88,8	12,8	14,2	aseptic, with 3 vents	575	
PDIP-E91-575	88,8	12,8	14,2	sterile, with 3 vents	575	

astik's

Ø90 mm POLYSTYRENE PETRI DISHES WITH 3 COMPARTMENTS

Packed in a bag of 20 units, aseptic or sterilized by irradiation. Free sterilization certificate available on the website



reference	Ø _{base} (mm)	h _{base} (mm)	h _{with lid} (mm)	type	pcs/pack	price/pack
PDIP-093-500	88,8	15,2	16,5	aseptic, with 3 vents	500	
PDIP-E93-500	88,8	15,2	16,5	sterile, with 3 vents	500	

astik's

Ø100 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, aseptic or sterilized by irradiation. Free sterilization certificate available on the website



reference	Ø _{base} (mm)	h _{base} (mm)	h _{with lid} (mm)	type	pcs/pack	price/pack
PDIP-100-480	96,6	12,6	13,9	aseptic, with 3 vents	480	
PDIP-10E-480	96,6	12,6	13,9	sterile, with 3 vents	480	

Ø120 mm POLYSTYRENE PETRI DISHES

astik's



Packed in a bag of 10 units, sterilized by irradiation. Free sterilization certificate available on the website



reference	Ø _{base} (mm)	h _{base} (mm)	h _{with lid} (mm)	type	pcs/pack	price/pack
PDIP-12E-240	112,8	15,1	16,8	sterile, with 3 vents	240	

Ø150 mm POLYSTYRENE PETRI DISHES

Packed in a bag of 10 units, sterilized by irradiation. Free sterilization certificate available on the website

reference	Ø _{base} (mm)	h _{base} (mm)	h _{with lid} (mm)	type	pcs/pack	price/pack
PDIP-15E-140	144,3	17,3	19,1	sterile, with 3 vents	140	

astilK's

**POLYSTYRENE RODAC CONTACT PLATE**

Contact plate for bacterial count in test surfaces. Free sterilization certificate available on the website

reference	Ø _{base} (mm)	h _{base} (mm)	h _{base} (mm)	type	pcs/pack	price/pack
CPLP-060-1K0	62,2	11,0	16,6	aseptic, with 3 vents	1000	
CPLP-E60-1K0	62,2	11,0	16,6	sterile, with 3 vents	1000	

astilK's

**120X120 mm POLYSTYRENE PETRI DISHES**

Squared petri dishes for antibiograms. Packed in bags of 10 aseptic Petri dishes

reference	l (mm)	w (mm)	h _{base} (mm)	type	pcs/pack	price/pack
PDIP-120-240	120	120	14	aseptic, with 4 vents	240	

astilK's

**GLASS PETRI DISH**

Made of soda-lime glass

reference	Ø _{base} (mm)	h (mm)	pcs/pack	price/pack
PDIN-060-030	60	15	30	
PDIN-080-036	80	15	36	
PDIN-100-036	100	20	36	
PDIN-150-036	150	25	36	

LBG

**BOROSILICATE GLASS PETRI DISH**

Made of borosilicate glass LBG 3.3

reference	Ø _{base} (mm)	h (mm)	pcs/pack	price/pack
PDI3-060-012	60	15	12	
PDI3-080-010	80	15	10	
PDI3-100-008	100	20	8	
PDI3-150-006	150	30	6	

LBG

**PETRI DISH CARRIER RACK**

Stainless steel rack for Petri dishes of ≤ 100 mm diameter. The handle facilitates the transport of up to three parallel columns of stacked plates

reference	dimensions (mm)	description	pcs/pack	price/pack
SOPE-003-001	340 × 110 × 380	stainless steel, 3 columns	1	

clink



astik's

INOCULATION LOOPS, CALIBRATED

Made of HIPS plastic. Hexagonal shaft with stripes. Free sterilization certificate available on the website



reference	type	pcs/pack	price/pack
LOOH-E01-1K0	1 µl white color, sterile, 10 pcs/zip-lock pack	1000	
LOOH-E01-500	1 µl white color, sterile, 1 pc/peel pack	500	
LOOH-E10-1K0	10 µl dark blue color, sterile, 10 pcs/zip-lock pack	1000	
LOOH-E10-500	10 µl dark blue color, sterile, 1 pcs/peel pack	500	

astik's

L SPREADERS

Sterile L spreader made of polystyrene with round finishing to avoid any damage on media surface. Free sterilization certificate available on the website



reference	type	pcs/pack	price/pack
SPRP-L01-1K0	L shape (angle 90°), sterile, individually wrapped	1000	
SPRP-L05-1K0	L shape (angle 90°), sterile, 5 pcs/bag	1000	

clink

KOLLE HANDLE

Each handle is supplied with two inoculation loops (loop end 2,5 mm diameter)



reference	type	pcs/pack	price/pack
KOLS-200-001	200 mm length + 2 Ni-Cr inoculation loops	1	
KOLS-290-001	290 mm length + 2 Ni-Cr inoculation loops	1	
Accessories and spare parts			
KOLA-001-050	loop end 2,5 mm diameter	50	
KOLA-002-050	needle end	50	
KOLA-003-050	lancet tip end	50	

lbx

ELECTRIC STERILIZER, S850

Designed for sterilization of laboratory equipment like needles, tweezers and other small items at high temperatures and short sterilization time (5-7 seconds). Can also be used at lower temperatures and long sterilization time to prevent contamination. Temperature range: RT +20 - +850°C. Maximum diameter of objects to sterilize: 15 mm. Adjustable angle: 45-75°. Dimensions (L x W x H): 210 x 90 x 170 mm. 220 V / 50-60 Hz. Warranty 1 year



reference	description	pcs/pack	price/pack
STER-850-001	electric sterilizer LBX S850 series	1	

METRIA

HAND TALLY COUNTER

4 digits counter. Up to 9999



reference	description	pcs/pack	price/pack
HCNT-001-001	counter up to 9999	1	

COLONY COUNTER, CC100

Designed to specify the number of microbial colonies present on sample plates with maximized efficiency. Four 3-digit (0-999) LED displays show the present and previous counting values. Can make an average count from multiple counting and store up to 100 averages in the memory. BACK button can deduce data when overcounting. Adjustable dish holder suitable for Petri dishes from 90-150 mm or 60 mm. Adjustable pressure sensitivity. Optional: software able to add, delete, search, print and save data in Excel format (.csv). Dimensions (mm): 351 x 302 x 370. 100-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack
CLCN-100-001	colony counter LBX CC100 series	1	
CLCN-A01-001	software for LBX CC100 series colony counter	1	

lbx



CULTURE TUBES WITH DUAL-POSITION CAPS

Dual-position PE cap; loose position for aerobic work or sealed for anaerobic cultures. Sterilized by gamma radiation. Individual peel-pack. Free sterilization certificate available on the website

reference	Ø _{outer} (mm)	l (mm)	description	pcs/pack	price/pack
CLTU-05P-500	12	75	5 ml, without graduation, PP	500	
CLTU-12P-500	17	100	15 ml, without graduation, PP	500	
CLTU-5WP-500	12	75	5 ml, with graduation, PP	500	
CLTU-1WP-500	17	100	15 ml, with graduation, PP	500	
CLTU-05S-500	12	75	5 ml, without graduation, PS	500	
CLTU-12S-500	12	100	7 ml, without graduation, PS	500	
CLTU-15S-500	17	100	15 ml, without graduation, PS	500	
CLTU-5WS-500	12	75	5 ml, with graduation, PS	500	
CLTU-1WS-500	17	100	15 ml, with graduation, PS	500	

astilK's



MICROBIOLOGICAL MONITORS

Ready-to-use sterile filter units ideal for microbiological control of various kinds. Made up of a base with a filter membrane, a cellulose absorbent pad underneath, a 100 ml graduated funnel and a lid. White non-welded membrane. Single use only. After filtering, its base together with the lid can be used as a Petri dish. Sterilized by gamma radiation and individually packed in an easy-open polyethylene bag. Includes 5 silicone connectors. Free sterilization certificate available on the website

reference	pore (µm)	pcs/pack	price/pack
MMCB-BF2-050	0,22	50	
MMCB-BF4-050	0,45	50	
MMCB-BF8-050	0,80	50	
MMCB-BF1-050	1,00	50	

BRANCHIA



BRANCHIA



MCE MEMBRANE FILTERS, STERILE

Mixed membranes of cellulose nitrate and cellulose acetate (MCE). White with black grid for better contrast and observation in microbiology applications. Sterile, individual packaging



reference	∅ (mm)	pore (µm)	pcs/pack	price/pack
MCNB-247-100	47	0,22	100	
MCNB-447-100	47	0,45	100	
MCNB-847-100	47	0,80	100	
MCNB-250-100	50	0,22	100	
MCNB-450-100	50	0,45	100	



PORCELAIN SPOTTING PLATE

Glazed except for bottom surface



reference	dimensions (mm)	∅ _{hole} (mm)	type	pcs/pack	price/pack
SPPC-006-001	94 x 62	21	6 cavities	1	
SPPC-012-001	115 x 88	21	12 cavities	1	



COLORIMETRIC 3 CELL TRAY, POLYETHYLENE

Particularly useful for colorimetric tests



reference	dimensions (mm)	∅ _{hole} (mm)	cell depth (mm)	pcs/pack	price/pack
CTYP-003-010	28 x 58	21	7	10	



COLORIMETRIC 8 CELL TRAY, POLYSTYRENE

Particularly useful for colorimetric tests



reference	dimensions (mm)	∅ _{hole} (mm)	cell depth (mm)	pcs/pack	price/pack
CTYP-008-010	95 x 57	15	2	10	



STAINING JAR, GLASS

Made of neutral glass. With lid



reference	type	pcs/pack	price/pack
MSSN-001-001	Coplin (A), for 5 slides	1	
MSSN-002-001	Schieferdecker (B), for 10 slides	1	
MSSN-003-001	Hellendahl (C), for 9 slides	1	



STAINING JAR, PMP

Made of polymethylpentene (PMP or TPX), includes lid. Remark: Xylene can cause etching to PMP after two days at room temperature



reference	type	pcs/pack	price/pack
MSSX-002-001	Schieferdecker (A), for 10 slides	1	
MSSX-003-001	Hellendahl (B), for 8 slides	1	

STAINING JAR, ACC. TO COPLIN, POLYPROPYLENE

With screw lid

reference	type	pcs/pack	price/pack
MSSP-001-001	for 5 slides	1	

astik's

**STAINING JAR, ACC. TO HAUSSER-GEDIGK**

Made of glass, with lid and stainless steel slide stand

reference	l (cm)	h (cm)	w (cm)	type	pcs/pack	price/pack
MSHN-030-001	10	9	10	for 30 slides	1	
MSHN-060-001	16	9	10	for 60 slides	1	

LBG

**STAINING JAR WITH REMOVABLE RACK, PMP**

Includes jar made of polymethylpentene (PMP or TPX), staining rack made of polypropylene and two lids (one lid for when dish is not in use and one lid with special opening to allow handle of staining rack). Remark: Xylene can cause etching to PMP after two days at room temperature

reference	type	pcs/pack	price/pack
MSHX-020-001	for 20 slides	1	

astik's

**MICROSCOPE SLIDES *BASIC LINE***

The most economic option for education and for routine applications in veterinary medicine, urine analysis, etc. Made of clear glass - pre-cleaned. Sizes: 25 x 75 mm and thickness 1,0-1,2 mm. Packed in carton boxes of 50 units with protective paper between each slide and every box protected by a sealed nylon cover (Tropical Pack)

reference	corners	description	pcs/pack	price/pack
SLIU-005-050	90°	cut edges	50	
SLIG-005-050	45°	ground edges	50	
SLIF-005-050	90°	ground edges, single frost	50	
"Saving package" (50 boxes x 50 slides/box)				
SLIU-005-2K5	90°	cut edges	50 x 50	
SLIG-005-2K5	45°	ground edges	50 x 50	
SLIF-005-2K5	90°	ground edges, single frost	50 x 50	

LBG

**TRANSPORT CASE FOR MICROSCOPE SLIDES**

Made of polypropylene. For 25 x 75 mm slides

reference	type	pcs/pack	price/pack
MSMP-001-001	for 1 slide	1	
MSMP-002-001	for 2 slides	1	
MSMP-005-001	for 5 slides	1	

b



LBC | MICROSCOPE SLIDES STANDARD LINE



The best quality/price ratio for any kind of application. Made of clear glass - precleaned. Sizes: 25 x 75 mm and thickness 1,0-1,2 mm. Each slide is printed with the name "labbox" on one side. Packed in carton boxes of 50 units protected by double cellophane paper

reference	corners	description	pcs/pack	price/pack
SLIU-010-050	90°	cut edges	50	
SLIG-010-050	45°	ground edges	50	
SLIF-010-050	45°	ground edges, single frost	50	
SLIU-D10-050	90°	cut edges, double frost	50	
SLIF-D10-050	45°	ground edges, double frost	50	
"Saving package" (50 boxes x 50 slides/box)				
SLIU-010-2K5	90°	cut edges	50 x 50	
SLIG-010-2K5	45°	ground edges	50 x 50	
SLIF-010-2K5	45°	ground edges, single frost	50 x 50	
SLIU-D10-2K5	90°	cut edges, double frost	50 x 50	
SLIF-D10-2K5	45°	ground edges, double frost	50 x 50	



LBC | MICROSCOPE SLIDES PREMIUM LINE



Superior quality at an affordable price for routine applications in pathology, histology, cytology and more fields needing a higher quality. Made of a clear glass - precleaned, beveled edges and corners 45°. Sizes: 25 x 75 mm and thickness 1,0-1,2 mm. Each slide is printed with the name "labbox" on one side. Packed in carton boxes of 50 units protected by double cellophane paper

reference	description	pcs/pack	price/pack
SLIB-G10-050	plain	50	
SLIB-F10-050	single frost	50	
SLIB-B10-050	double frost	50	
"Saving package" (50 boxes x 50 slides/box)			
SLIB-G10-2K5	plain	50 x 50	
SLIB-F10-2K5	single frost	50 x 50	
SLIB-B10-2K5	double frost	50 x 50	



bb | MICROSCOPE SLIDE BOX

Made of polystyrene. With removable lid and numbered slots to hold microscope slides of 76 x 26 mm

reference	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack
MSBP-025-001	125	95	35	for 25 slides	1	
MSBP-050-001	230	100	35	for 50 slides	1	
MSBP-100-001	230	185	35	for 100 slides	1	



bb | MICROSCOPE SLIDE BOX

The transparent cover provide excellent view of the slides stored inside. Can hold 100 numbered slides of 76 x 26 mm

reference	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack
MSRP-100-001	250	85	90	for 100 slides	1	



MICROSCOPE SLIDE BOX

Made of ABS plastic. Orange color. With lid fixed to the box through hinges and with cork protection base

reference	type	pcs/pack	price/pack
MSLP-012-001	for 12 slides	1	
MSLP-025-001	for 25 slides	1	
MSLP-050-001	for 50 slides	1	
MSLP-100-001	for 100 slides	1	

bb

**CARDBOARD SLIDE FOLDER**

Suitable for storing slides. Sunken compartments and interior covers to protect samples. Compatible with 26 x 76 mm and 0.8 - 1.2 mm wide slides

reference	w (mm)	l (mm)	type	pcs/pack	price/pack
MSAR-002-050	76	94	for 2 slides	50	
MSAR-003-050	110	118	for 3 slides	50	
MSAR-004-050	110	150	for 4 slides	50	
MSAR-010-005	120	340	for 10 slides, with index	5	
MSAR-020-005	240	340	for 20 slides, with index	5	
MSAR-030-005	285	340	for 30 slides, with index	5	
MSAR-048-005	380	400	for 48 slides, with index	5	

bb

NEW

**PP SLIDE FOLDER**

Sunken compartments and interior covers to protect samples. Compatible with 26 x 76 mm and 0.8 - 1.2 mm wide slides

reference	w (mm)	l (mm)	type	pcs/pack	price/pack
MSAP-001-200	83,7	41	for 1 slides	200	
MSAP-002-100	83,7	69	for 2 slides	100	
MSAP-003-100	83,7	98	for 3 slides	100	

bb

NEW

**MICROSCOPE SLIDE DISPENSER**

Suitable for slides of 25 x 75 mm length and 1.0 - 1.2 mm thickness

reference	description	pcs/pack	price/pack
SLID-001-001	dispensing up to 72 slides	1	

bb

**MICROBIOLOGY TEST TUBES**

A wide variety of tubes and caps in various materials, such as plastic and glass, as well as disposable options for added convenience and practicality.



COVER GLASS STANDARD LINE



Made of standard glass. Pre-cleaned. Packed in plastic boxes protected by a sealed aluminium cover (Tropical Pack)

reference	l (mm)	w (mm)	thickness (mm)	pcs/pack	price/pack
COVN-018-200	18	18	0,13-0,16	200	
COVN-020-200	20	20	0,13-0,16	200	
COVN-022-200	22	22	0,13-0,16	200	
COVN-024-200	24	24	0,13-0,16	200	
COVN-032-100	24	32	0,13-0,16	100	
COVN-040-100	24	40	0,13-0,16	100	
COVN-050-100	24	50	0,13-0,16	100	
COVN-060-100	24	60	0,13-0,16	100	
"Saving package"					
COVN-018-1K0	18	18	0,13-0,16	5 x 200	
COVN-020-1K0	20	20	0,13-0,16	5 x 200	
COVN-022-1K0	22	22	0,13-0,16	5 x 200	
COVN-024-1K0	24	24	0,13-0,16	5 x 200	
COVN-032-1K0	24	32	0,13-0,16	10 x 100	
COVN-040-1K0	24	40	0,13-0,16	10 x 100	
COVN-050-1K0	24	50	0,13-0,16	10 x 100	
COVN-060-1K0	24	60	0,13-0,16	10 x 100	



STERILITY AND ASEPSIS DIFFERENCES

Sterilization is a crucial process in various sectors, including the food industry, healthcare/pharmaceutical sector, among others. Its purpose is to eliminate any microbial load, whether pathogenic or not, from products such as micropipette tips, culture media, or cell culture products, for example. Sterilization aims to prevent cross-contamination of samples or the growth of unwanted microorganisms. Failure to sterilize products or culture media may lead to the appearance of undesired microorganisms, altering the trial conditions and invalidating the results.


Sterilization should not be confused with other laboratory material disinfection processes. When referring to sterilization, it means the complete elimination of microorganisms, including resistant forms like spores. Disinfection removes a significant portion of microorganisms on surfaces but does not eliminate their resistant forms. On the other hand, asepsis is the condition of a surface free from pathogenic microorganisms. Aseptic techniques eliminate pathogenic bacteria, viruses, fungi, and harmful spores, all detrimental to health. Sterilization does not differentiate between harmful and beneficial microorganisms; it eliminates all living microorganisms.

CULTURE MEDIA FOR MICROBIOLOGY

AGAR AGAR

labkern


CAS: 9002-18-0 EC: 232-658-1 TARIC code: 13023100

AGAR AGAR BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App. White to pale brown powder Moisture < 12% Conc. of use 1.2 - 1.6% Ash < 4.5% Absence of inhibitors Turb. (1.5%) < 8NTU</p> <p>pH (1.5%)bef.autocl. 6.0 - 7.5 pH (1.5%)aft. autocl. 6.0 - 7.5 Colour. before autocl. (450nm) < 0.25 Colour. after autocl. (450nm) < 0.30 Gel strength (Nikan) 800 - 1100g/cm Gel point (1.5%) 34 - 38°C Melt. range (1.5%) 85 - 90°C Part. size (mesh 60 ASTM) > 95%</p> <p>As < 0.0003% Pb < 0.0005% Hg < 0.0001% Cd < 0.0001% Heavy met. < 0.002%</p>	AGAG-00P-500	 500 g	

BACTERIOLOGICAL PEPTONE

labkern


TARIC code: 35040090

BACTERIOLOGICAL PEPTONE BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. Loss on dry. < 6% Amino N (on dry) > 2.6% Total N (on dry) > 12% Ash < 15%</p> <p>pH (2%): 6.5 - 7.5 Red. sugars: negative Undigest. prot.: negative Proteoses: negative NO₂: negative Tryptophan: negative</p> <p>Standard Plate Count < 5000cfu Molds and Yeast < 100cfu Once open. avoid hydration Storage temp.: 2 - 25°C</p>	BACP-00P-500	 500 g	

BAIRD PARKER AGAR BASE

labkern


TARIC code: 13023100

BAIRD PARKER AGAR BASE BAC PH. EUR.	reference	packaging	price
<p>Homogeneous, free flowing and toasted in colour. If any changes physically, discard product. App.: yellow opalescent</p> <p>pH (25°C): 6.6 - 7.0 Conc. of use: 63g/l Preparation: Dissolve 63 gr on 1 L with heat and boil for</p> <p>1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C</p>	ABBP-0EP-500	 500 g	

BLOOD AGAR BASE

labkern


TARIC code: 13023100

BLOOD AGAR BASE BAC	reference	packaging	price
<p>Homogeneous, free flowing and toasted in colour. If any changes physically, discard product. App.: amber pH (25°C): 7.1 - 7.5 Conc. of use: 40g/l Preparation: Dissolve 40 gr in 1 L of water and boil for 1 min until complete</p> <p>dissolution. Sterilize at 121°C for 15 minutes. Cool to 45-50°C and aseptically add 5-10% of sterile defibrinated blood (Avoid bubbles in homogenization) If desired, add BLPS-00P to increase growth. Once open. avoid hydration Storage temp.: 2 - 25°C</p>	ABBL-00P-500	 500 g	

BRILLIANT GREEN BILE BROTH 2% (BRILA)

labkern

TARIC code: 13023100



BRILLIANT GREEN BILE BROTH 2% (BRILA) BAC ISO-4831, ISO-4832	reference	packaging	price
<p>Homogeneous, free flowing and Beige-greenish. If any changes physically, discard product. App.: Brilliant green pH (25°C): 7.0 - 7.4</p> <p>Conc. of use: 40g/l Preparation: Diss. 40 gr in 1 L of water w/heat and boil for 1 min until complete dissol. Steril. 121°C for 15 min.</p> <p>(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>	BRGR-00I-500	 500 g	



BUFFERED PEPTONE WATER

labkern


TARIC code: 13023100

BUFFERED PEPTONE WATER BAC PH. EUR.	reference	packaging	price
Homogeneous, free flowing and whitish. If any changes physically, discard product. App.: Transparent pH (25°C): 6.8 - 7.2 Conc. of use: 16.1g/l Preparation: Dissolve 16.1 gr on 1 L with heat and boil for 1 min until complete dissolution.	AGPT-OEP-500	 500 g	
Homogeneous, free flowing and slightly toasted. If any changes physically, discard product. App.: Light amber pH (25°C): 6.8 - 7.2 Conc. of use: 20g/l Preparation: Dissolve 20 gr on 1 L with heat and boil for 1 min until complete dissolution. Steril. 121°C for 15 min.	AGPT-ODI-500	 500 g	

CHAPMAN AGAR (TTC)

labkern


TARIC code: 13023100

CHAPMAN AGAR (TTC) BAC ISO-9308-1	reference	packaging	price
Homogeneous, free flowing and greenish-beige. App.: Violet-red pH (25°C): 7.0 - 7.4 If any changes physically, discard product. Conc. of use: 56.15g/l Preparation: Dissolve 56.15gr on 1 L with heat and boil for 1 min until complete dissolution.	AGCH-001-500	 500 g	

CHROMOGENIC TRYPTONE BILE X-GLUCURONIDE AGAR (TBX)

labkern

TARIC code: 13023100


CHROMOGENIC TRYPTONE BILE X-GLUCURONIDE AGAR (TBX) BAC ISO-16649-2,3	reference	packaging	price
Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slightly opalesc. pH (25°C): 7.0 - 7.4 Conc. of use: 36.6g/l Preparation: Dissolve 36.6 gr on 1 L with heat and boil for 1 min until complete dissolution. Sterilize at 121°C for 12 min. Once open. avoid hydration	AGTB-001-500	 500 g	

EGG YOLK EMULSION + TELLURITE SUPPLEMENT

labkern

TARIC code: 38229000


Delivery time 2 weeks


EGG YOLK EMULSION + TELLURITE SUPPLEMENT BAC	reference	packaging	price
Colour: Yellow Tellurite Egg Yolk Emulsion, sterilized and stabilized, for use in microbiology applications. ready for use with ABBP-OEP for selection of coagulase-positive Staphylococci. The addition of Egg yolk and Potassium tellurite helps to differentiate these microorganisms from others capable of growing in the base agar, through the detection of lecithinase and the formation of black colonies Sterility test: passes test Fertility test: passes test Storage temp.: 2 - 8°C	EYTS-00P-100	 100 ml	

FERRIC AMMONIUM CITRATE SUPPLEMENT

labkern

TARIC code: 38229000

 Delivery time 2 weeks


FERRIC AMMONIUM CITRATE SUPPLEMENT BAC ISO-11290-1	reference	packaging	price
Aseptically reconstitute 1 vial with 5 ml of sterile distilled water. Mix gently until complete dissolution and add aseptically to 500 ml of FRLB-001 and FRLB-0H1, autoclaved and cooled to 50°C. Mix well and distribute into sterile containers. Microbial Contamination absence: passes test Storage temp.: 2 - 8°C	FACS-00P-010	 10 pcs	

D(+)-GLUCOSE ANHYDROUS

labkem

CAS: 50-99-7 MW: 180,16 EC: 200-075-1 TARIC code: 17023050





D(+)-GLUCOSE ANHYDROUS BAC	reference	packaging	price
<p>App.: Colourless cryst. white powder Spec. Rot. (20°C;10%H₂O): 52.5 - 53.0° Insol. matter < 0.005% Loss on dry. (105 °C) < 0.2% Cl. < 0.0025%</p> <p>Starch: Passes test Acid. (Acetic acid) < 0.015% Ash (SO₂) < 0.02% SO₄ < 0.005% Fe < 0.0005%</p> <p>Heavy metals (Pb) < 0.0005% As < 0.00004% Pb < 0.0005%</p>	GLUC-A0A-500	 500 g	

LISTERIA ENRICHMENT FRASER BROTH BASE

labkem


TARIC code: 13023100

LISTERIA ENRICHMENT 1/2 FRASER BROTH BASE BAC ISO-11290-1	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Purple red pH (25°C): 7.0 - 7.4 Conc. of use: 14.35g/l</p> <p>Preparation: Dissolve 28.7 gr on 500 ml with heat and boil for 1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration</p> <p>Storage temp.: 2 - 25°C</p>	FRLB-OHI-500	 500 g	
LISTERIA ENRICHMENT FRASER BROTH BASE BAC ISO-11290-1	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Purple red pH (25°C): 7.0 - 7.4 Conc. of use: 14.35g/l</p> <p>Preparation: Dissolve 28.7 gr on 500 ml with heat and boil for 1 min until complete dissolution. Steril. 121°C for 15 min. Once open. avoid hydration</p> <p>Storage temp.: 2 - 25°C</p>	FRLB-00I-500	 500 g	

LYSINE DECARBOXYLASE MEDIUM

labkem


TARIC code: 13023100

LYSINE DECARBOXYLASE MEDIUM BAC ISO-6579, ISO-10273, ISO-19250	reference	packaging	price
<p>Homogeneous, free flowing and light beige in colour. If any changes physically, discard product. App.: Violet</p> <p>pH (25°C): 6.6 - 7.0 Conc. of use: 9g/l Preparation: Dissolve 9 gr in 1 L of water and boil for 1 min until complete dissolution.</p> <p>min until complete dissolution. Sterilize at 121°C for 15 minutes. Once open. avoid hydration Storage temp.: 2 - 25°C</p>	LDBR-00I-500	 500 g	

MACCONKEY AGAR

labkem


TARIC code: 13023100

MACCONKEY AGAR BAC PH. EUR., ISO-21567	reference	packaging	price
<p>Homogeneous, free flowing and beige-pink. If any changes physically, discard product. App.: Beige - pink pH (25°C): 6.9 - 7.3</p> <p>Conc. of use: 50g/l Preparation: Dissolve 50 gr. on 1 L with heat and boil for 1 min until complete dissolution.</p> <p>Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C</p>	AGMC-IEP-500	 500 g	

MAN, ROGOSA AND SHARPE AGAR (MRS)

labkem

TARIC code: 13023100


MAN, ROGOSA AND SHARPE AGAR (MRS) BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight opalesc. pH (25°C): 6.0 - 6.4</p> <p>Conc. of use: 62g/l Preparation: Dissolve 62 gr on 1 L with heat and boil for 1 min until complete dissolution.</p> <p>Sterilize at 121°C for 12 min. Once open. avoid hydration Storage temp.: 2 - 25°C</p>	AGMR-00P-500	 500 g	



MUELLER HINTON AGAR

labkem


TARIC code: 13023100

MUELLER HINTON AGAR BAC	reference	packaging	price
<p>Homogeneous, free flowing and Cream. If any changes physically, discard product. Col. of the prep. med.: Amber slight opalesc. Col. of prep. med. w/blood: Red</p> <p>pH (25°C): 7.2 - 7.6 Microb. test: Passes test Conc. of use: 38g/l Preparation: Dissolve 38 gr on 1 L with heat and boil</p> <p>for 1 min until complete dissolution. Steril. 121°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>	AGMH-00P-500	 500 g	

MULLER-KAUFFMANN BROTH BASE W/ BRILLIANT GREEN & NOVIOBIOCIN (MKTTN)

labkem

TARIC code: 13023100


MULLER-KAUFFMANN BROTH BASE W/ BRILLIANT GREEN & NOVIOBIOCIN (MKTTN) BAC ISO-6579	reference	packaging	price
<p>Homogeneous, free flowing and toasted in colour. If any changes physically, discard product. App.: amber pH (25°C): 7.1 - 7.5 Conc. of use: 40g/l Preparation: Dissolve 40 gr in 1 L of water and boil for 1 min until complete</p> <p>dissolution. Sterilize at 121°C for 15 minutes. Cool to 45-50°C and aseptically add 5-10% of sterile defibrinated blood (Avoid bubbles in homogenization) If desired, add BLPS-00P to increase growth. Once open. avoid hydration Storage temp.: 2 - 25°C</p>	MKFB-00I-500	 500 g	

OXFORD LISTERIA SELECTIVE SUPPLEMENT

labkem

CAS: 66-81-9 EC: 200-636-0 TARIC code: 38229000

**Delivery time 2 weeks**

OXFORD LISTERIA SELECTIVE SUPPLEMENT BAC ISO-11290-1	reference	packaging	price
<p>Aseptically reconstitute 1 vial with 5ml of of 1:1 v/v sterile distilled water/acetone. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C</p>	OLSS-00I-010	 10 pcs	

PALCAM LISTERIA SELECTIVE SUPPLEMENT

labkem

TARIC code: 38220000


**Delivery time 2 weeks**

PALCAM LISTERIA SELECTIVE SUPPLEMENT BAC ISO-11290-2	reference	packaging	price
<p>Aseptically reconstitute 1 vial with 5ml of of 1:1 v/v sterile distilled water/acetone. Aseptically add 500 ml of ABPA-00I once autoclaved and cooled</p> <p>to 50°C. Microbial Contamination absence: Passes test Storage temp.: 2 - 8°C</p>	PLSS-00I-010	 10 pcs	

PEPTONE FROM CASEIN (TRYPTONE)

labkem


CAS: 91079-40-2 EC: 293-428-4 TARIC code: 35040090


PEPTONE FROM CASEIN (TRYPTONE) BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. Amino N (on dry) > 3.9% Total N (on dry) > 10% Ash < 15% pH (2%): 6.5 - 7.5 Loss on drying < 6%</p> <p>Red. sugars: Negative Undigest. prot.: Negative Proteoses: Negative NO₂: Negative Tryptophan: Negative Standard Plate Count < 5000cfu Molds and Yeast < 100cfu</p> <p>Once open. avoid hydration Storage temp.: 2 - 25°C</p>	TRYN-00P-500	 500 g	

POLYENRICHMENT SUPPLEMENT

labkem

TARIC code: 38229000

 **Delivery time 2 weeks**

POLYENRICHMENT SUPPLEMENT BAC	reference	packaging	price
<p>Aseptically reconstitute 1 vial of Polyenrichment Growth Supplement (vial A) with 1 vial of Polyenri If desired, this supplement can also be added to ABBL-00P. Includes 5 x Vial A and 5 x Vial B. Microbial Contamination absence: passes test Storage temp.: 2 - 8°C</p>	BLPS-00P-010	 2x5 pcs	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY





REQUIRES REFRIGERATED TRANSPORTATION

RAPPAPORT SOY BROTH ACCORDING VASSILIADIS

labkern


TARIC code: 13023100

RAPPAPORT SOY BROTH ACCORDING VASSILIADIS BAC PH. EUR.	reference	packaging	price
<p>Homogeneous, free flowing and light-Beige. If any changes physically, discard product. App.: Blue pH (25°C): 5.0 - 5.4 Conc. of use: 26.75g/l Preparation:</p>	RSVB-00E-500	 500 g	
<p>Suspend 26,75g on 1 L with heat until complete dissol. Sterilize at 115°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>			
RAPPAPORT SOY BROTH ACCORDING VASSILIADIS BAC ISO-6579, ISO-19250	reference	packaging	price
<p>Homogeneous, free flowing and blue-greenish. If any changes physically, discard product. App.: Blue pH (25°C): 5.0 - 5.4 Conc. of use: 30.06g/l</p>	RSVB-00I-500	 500 g	
<p>Preparation: Dissolve 33,37 gr in 1110 ml with heat until complete dissol. Sterilize at 115°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>			

SABORAUD DEXTROSE AGAR

labkern


TARIC code: 13023100

SABORAUD DEXTROSE AGAR BAC PH. EUR.	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber/slight opalesc. pH (25°C): 5.4 - 5.8 Conc. of use: 65g/l</p>	AGDS-0EP-500	 500 g	
<p>Preparation: Sterilize at 118-121°C for 15min. Dissolve 65 gr. on 1 L with heat and boil for 1 min until complete dissolution. (AVOID OVERHEATING)</p> <p>Once open. avoid hydration Storage temp.: 2 - 25°C</p>			

SABOURAUD DEXTROSE W/ CHLORAMPHENICOL AGAR

labkern


TARIC code: 13023100

SABOURAUD DEXTROSE W/ CHLORAMPHENICOL AGAR BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight.opalesc. pH (25°C): 5.4 - 5.8</p>	AGSC-00P-500	 500 g	
<p>Conc. of use: 65.5g/l Preparation: Dissolve 65.5 gr on 1 L with heat and boil for 1 min until complete dissolution.</p> <p>Steril. 121°C for 15 min. (AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>			

STANDARD METHODS AGAR (PCA)

labkern


TARIC code: 13023100

STANDARD METHODS AGAR (PCA) BAC ISO-4833	reference	packaging	price
<p>Homogeneous, free flowing and light-toasted. If any changes physically, discard product. Col. of the prep. med.: Clear amber, slightly opalescent</p>	AGSM-00I-500	 500 g	
<p>pH (25°C): 6.8 - 7.2 Microb. test: passes test Conc. of use: 23.5g/l Preparation: Dissolve 23.5 gr on 1 L with heat and boil for 1 min until complete dissolution.</p> <p>Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C</p>			

SULFITE POLYMYXIN SULFADIAZINE AGAR (SPS)

labkern


TARIC code: 13023100

SULFITE POLYMYXIN SULFADIAZINE AGAR (SPS) BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product. App.: Amber slight. opalesc pH (25°C): 6.8 - 7.2</p>	AGSP-00P-500	 500 g	
<p>Conc. of use: 39.7g/l Preparation: Dissolve 39.7 gr on 1 L with heat and boil for 1 min until complete dissolution.</p> <p>Steril. 121°C for 15 min. Once open. avoid hydration Storage temp.: 2 - 25°C</p>			




TRIPLE SUGAR IRON AGAR (TSI)labk^{em}

TARIC code: 13023100

TRIPLE SUGAR IRON AGAR (TSI) BAC ISO-6579, ISO-19250	reference	packaging	price
<p>Homogeneous, free flowing and pink in colour.</p> <p>App.: Red</p> <p>pH (25°C): 7.2 - 7.6</p> <p>Preparation:</p>	AGTS-00I-500	 500 g	
<p>If any changes physically, discard product.</p> <p>Conc. of use: 64.6g/l</p> <p>Dissolve 64.6 gr in 1 L of water and boil for 1 min until complete dissolution.</p> <p>Sterilize at 121°C for 15 minutes.</p>			


TRYPTICASEIN SOY AGAR (TSA)labk^{em}

TARIC code: 13023100

TRYPTICASEIN SOY AGAR (TSA) BAC PH. EUR.	reference	packaging	price
<p>Homogeneous, free flowing and beige in colour. If any changes physically, discard product.</p> <p>Col. of prep. med. w/blood: Cherry red</p> <p>pH (25°C): 7.1 - 7.5</p> <p>Conc. of use: 40g/l</p> <p>Preparation:</p> <p>Diss. 40 gr in 1 L of water w/heat and boil for 1 min until complete dissol.</p> <p>Sterilize at 121°C for 15 minutes.</p> <p>Once open. avoid hydration</p>	AGST-0EP-500	 500 g	
<p><i>S. aureus</i> ATCC25923 Growth: Good</p> <p><i>S. aureus</i> ATCC6538 Growth: Good</p> <p><i>S. epidermidis</i> ATCC12228 Growth: Good</p> <p><i>S pneumoniae</i> ATCC 6303 Growth: Good</p> <p><i>Streptococcus pneumoniae</i> ATCC 6303 Growth: Good</p> <p><i>S. pyogenes</i> ATCC 19615 Growth: Good</p> <p><i>P. aeruginosa</i> ATCC 9027 Growth: Good</p> <p><i>B. subt.</i> ATCC 6633 Growth: Good</p> <p><i>C. albicans</i> ATCC 10231 Growth: Good</p> <p><i>A. brasiliensis</i> ATCC 16404 Growth: Good</p>			

TRYPTICASEIN SOY BROTH (TSB)labk^{em}



TARIC code: 13023100

TRYPTICASEIN SOY BROTH (TSB) BAC PH. EUR.	reference	packaging	price
<p>Homogeneous, free flowing and light beige in colour. If any changes physically, discard product.</p> <p>Col. of the prep. med.: clear amber</p> <p>pH (25°C): 7.1 - 7.5</p> <p>Conc. of use: 30g/l</p> <p>Preparation:</p> <p>Dissolve 30 gr on 1 L with heat and boil for 1 min until complete dissol.</p> <p>Sterilize at 121°C for 15 minutes.</p> <p>Once open. avoid hydration</p> <p><i>B. abortus</i> ATCC 4315 Growth: Good</p> <p><i>S. aureus</i>. ATCC6538 growth: Good</p>	STRB-0EP-500	 500 g	
<p><i>E. coli</i> ATCC 25922 Growth: Good</p> <p><i>E. coli</i> ATCC 8739 Growth: Good</p> <p><i>E. aerogenes</i> ATCC 13048 Growth: Good</p> <p><i>C. albicans</i> ATCC 10231 Growth: Good</p> <p><i>S. pyogenes</i> ATCC 19615 Growth: Good</p> <p><i>S pneumoniae</i> ATCC 6303 Growth: Good</p> <p><i>Streptococcus pneumoniae</i> ATCC 6303 Growth: Good</p> <p><i>P. aeruginosa</i> ATCC 9027 Growth: Good</p> <p><i>S. typhimurium</i> ATCC 14028 Growth: Good</p> <p><i>B. subt.</i> ATCC 6633 Growth: Good</p> <p><i>A. brasiliensis</i> ATCC 16404 Growth: Good</p>			

TTC 1% SUPPLEMENTlabk^{em}


EC: 206-071-6 CAS: 298-96-4 TARIC code: 38220000

Delivery time 2 weeks

TTC 1% SUPPLEMENT BAC		reference	packaging	price
<p>Aseptically reconstitute 1 vial with 2.5 ml of water. Mix and aseptically add to 500 ml of AGCH-00I.</p> <p>Microbial Contamination absence: Passes test</p> <p>Storage temp.: 2 - 8°C</p>		TTCs-00P-010	 10 pcs	

VIOLET RED BILE W/ GLUCOSE AGAR (VRBG)labk^{em}

TARIC code: 13023100


VIOLET RED BILE W/ GLUCOSE AGAR (VRBG) BAC PH.EUR, ISO-21528	reference	packaging	price
<p>Homogeneous, free flowing and fine powder.</p> <p>If any changes physically, discard product.</p> <p>App.: Purple red</p> <p>pH (25°C): 7.2 - 7.6</p>	ABVG-IEP-500	 500 g	
<p>Conc. of use: 41.5g/l</p> <p>Preparation:</p> <p>Dissolve 41.5 gr on 1 L with heat and boil for 1 min until complete dissolution.</p> <p>Sterilize at 118°C for 15 min.</p>			



VIOLET RED BILE W/ LACTOSE AGAR (VRBL)

labkem



TARIC code: 13023100

VIOLET RED BILE W/ LACTOSE AGAR (VRBL) BAC ISO-4832	reference	packaging	price
<p>Homogeneous, free flowing and beige-reddish. If any changes physically, discard product.</p> <p>App.: Purple red pH (25°C): 7.2 - 7.6 Conc. of use: 41.5g/l Preparation:</p> <p>Dissolve 41.5 gr on 1 L with heat and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)</p> <p>Once open. avoid hydration Storage temp.: 2 - 25°C</p>	ABVL-001-500	 500 g	

XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD)

labkem


TARIC code: 13023100

XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD) BAC PH. EUR	reference	packaging	price
<p>Homogeneous, free flowing and pink. If any changes physically, discard product.</p> <p>App.: Reddish-orange pH (25°C): 7.2 - 7.6 Conc. of use: 55.2g/l</p> <p>Preparation: Dissolve 55.2 gr on 1 L with heat and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)</p> <p>(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>	AGXL-0EP-500	 500 g	
XYLOSE LLYSINE DESOXYCHOLATE AGAR (XLD) BAC ISO-6579, ISO-19250, ISO-21567	reference	packaging	price
<p>Homogeneous, free flowing and pink. If any changes physically, discard product.</p> <p>App.: Reddish-orange pH (25°C): 7.2 - 7.6 Conc. of use: 54g/l</p> <p>Preparation: Dissolve 54 gr on 1 L with heat and boil for 1 min until complete dissolution. (DO NOT AUTOCLAVE)</p> <p>(AVOID OVERHEATING) Once open. avoid hydration Storage temp.: 2 - 25°C</p>	AGXL-001-500	 500 g	

YEAST EXTRACT

labkem

CAS: 8013-01-2 EC: 232-387-9 TARIC code: 21021031

YEAST EXTRACT BAC	reference	packaging	price
<p>Homogeneous, free flowing and beige. If any changes physically, discard product.</p> <p>Total N (on dry) > 10% Amino N (on dry) > 4.5% Moisture < 5% NaCl < 0.5%</p> <p>pH: 6.0 - 7.2 Total Plate Counts < 5000cfu/g Colif. Bact.: Negative Pathogen test: Negative Yeast and molds < 50cfu/g Once open. avoid hydration</p> <p>Storage temp.: 2 - 25°C</p>	YEEX-1MB-500	 500 g	




STAINS, DYES AND REAGENTS FOR MICROBIOLOGY AND PATHOLOGY

ALCIAN BLUE 8GX, C.I. 74240

labkem

CAS: 33864-99-2 MW: 1298,86 EC: 251-705-7 TARIC code: 32041900

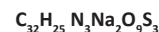



ALCIAN BLUE 8GX (C.I. 74240) MIC	reference	packaging	price
Assay 98.5 - 101% Insol. matter < 0.01% pH (5%, 20°C) 2.5 - 3.5 Cl < 0.001% Ca + K + Na < 0.03% Fe < 0.004% Heavy metals (Pb) < 0.0005% SO ₄ < 0.005%	ABLU-00P-010	 10 g	

ANILINE BLUE, C.I. 42755

labkem

CAS: 28631-66-5 MW: 737,72 EC: 249-113-9 TARIC code: 32041200

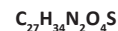



ANILINE BLUE (C.I. 42755) WATER SOLUBLE MIC	reference	packaging	price
App.: Brownish-purple crystalline powder With metallic lustre Abs. max (0.005) mol/L HCl: 595 - 610nm Used with fuchsin acid as Mallory's connective tissue stain visualizes chromosomes and cellulose walls in plants	ANBL-00D-025	 25 g	

BRILLIANT GREEN, C.I. 42040

labkem

CAS: 633-03-4 MW: 482,64 EC: 211-190-1 TARIC code: 32041300




BRILLIANT GREEN (C.I. 42040) MIC	reference	packaging	price
App. Green to green-yellow crystalline powder Assay > 95% Loss on dry. < 5% Lambda max. < 625nm Absorption 0.94 - 1.14 Colour: yellow (pH 0.0) - pH 2.6 (green) For photometric determination of Antimony, for Bacteriology and Microscopy	BRIL-00D-025	 25 g	

CARMINE, C.I. 75470

labkem

CAS: 1390-65-4 MW: 492,38 EC: 215-724-4 TARIC code: 32030090



CARMINE (C.I. 75470) MIC	reference	packaging	price
App. Dark pink to red powder Assay 50 - 55% Loss on dry. < 20% Lambda max. (NaOH): 531 - 563nm Ash < 12% As < 0.0001% Pb < 0.001% Suitable for use in Orth's Lithium carminic technique.	CARM-00D-025	 25 g	

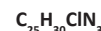
CONGO RED, C.I. 22120 SEE P. 415


CRYSTAL VIOLET, C.I. 42535+42555

labkem

CAS: 548-62-9 MW: 407,99 EC: 208-953-6 TARIC code: 32041300

ADR: 9 M7 III UN 3077 IMDG: 9 III UN 3077 IATA: 9 III UN 3077



CRYSTAL VIOLET (C.I. 42535+42555) MIC	reference	packaging	price
App. Solid, green and odorless Assay > 90% Loss on dry. < 10% TLC test 8,0 - 10,0 Coef. max. of abs. (P*15 nm) 0.98 - 1.25	GENT-V0D-025	 25 g	



DECALCIFIER SOLUTION

labkem

CAS: 64-18-6 EC: 200-579-1 TARIC code: 38229000

IMDG: 8 II UN 3264 ADR: 8 II C1 UN 3264 IATA: 8 II UN 3264



DECALCIFIER SOLUTION, HIS	reference	packaging	price
Color: Clear Odor: Irritating	DECA-S01-1K0	1 L	
Composition: Formaldehyde, formic acid, water			

EOSIN ALCOHOLIC SOLUTION 0.5%

labkem

TARIC code: 32041300

IMDG: 3 II UN 1170 ADR: 3 II F1 UN 1170 IATA: 3 II UN 1170



EOSIN ALCOHOLIC SOLUTION 0.5%, MIC	reference	packaging	price
Color: Orange Odor: Alcohol-like	EOYE-A0D-500	500 ml	
Composition: Ethyl alcohol, eosin Y			

EOSIN AQUEOUS SOLUTION 1%

labkem

TARIC code: 32041300

EOSIN AQUEOUS SOLUTION 1%, MIC	reference	packaging	price
Color: Orange Odor: Odorless	EOYE-S0D-500	500 ml	
Solubility: Soluble in water Composition: Water, eosin Y			

EOSIN YELLOWISH, C.I. 45380

labkem

CAS: 17372-87-1 MW: 691,86 EC: 241-409-6 TARIC code: 32041200

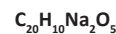


EOSIN YELLOWISH (C.I. 45380) MIC	reference	packaging	price
Assay > 90% Abs. max. 515 - 518nm Suit. for microb. Passes test	EOYE-00D-025	25 g	
Reag. for spectr. det. of Ag Cytoplasmic, counterstain for haematoxylin constituent for Wright's or modified Nocht's Stain			

FLUORESCEIN SODIUM, C.I. 45350

labkem

CAS: 518-47-8 MW: 376,3 EC: 208-253-0 TARIC code: 32049000



FLUORESCEIN SODIUM (C.I. 45350) MIC , BP	reference	packaging	price
Appearance/colour Dark brownish-red - dark orange red powder Assay 90 - 102% Loss on dry. (135 °C) < 17%	FLUO-00D-025	25 g	
	FLUO-00D-100	100 g	
Solub. (1 mg/mL H ₂ O) Clear to slightly hazy dark yellow - to brownish Yellow solution with greenish fluorescence Lambda max. < 491nm			

FORMALDEHYDE, DILUTED SOLUTION STABILIZED WITH METHANOL

labkem

MW: 30,03 EC: 200-001-8 TARIC code: 29121100

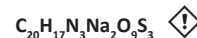




FORMALDEHYDE, SOLUTION 3,7-4,0% HIS BUFFERED pH=7	reference	packaging	price
Assay 3.7 - 4%	FORM-D0P-10K	10 L	
Content of MeOH 1 - 1.5% w/v pH 6.8 - 7.2			
Pack of 24 vials of 120 ml for tissue samples pre-filled with 75 ml of dilute formaldehyde stabilized with methanol	FORM-D0P-120	24x120 ml	

FUCHSIN ACID, C.I. 42685

labkem

CAS : 3244-88-0 MW : 585,54 EC : 221-816-5 TARIC code : 32041200




FUCHSIN ACID (C.I. 42685) MIC	reference	packaging	price
Appearance/colour Dark-Green Crystalline Powder Loss on dry. (110 °C) < 10% Assay > 80% Lambda max. (NaOH) > 549nm Sol. 0.1% in 50% EtOH Clear solution	Melt. point < 250°C Colour pH 1.0 (Purple) - pH 3.1 (Red) Suitable for use in the Van Gieson Connective tissue stain and Mallory anilin blue connective tissue stain Zeihl-Neelsens staining for tuberculosis bacilli	FUCH-A0D-010 	10 g
		FUCH-A0D-025 	25 g

FUCHSIN BASIC, C.I. 42510

labkem

CAS: 632-99-5 MW: 337.85 EC: 211-189-6 TARIC code: 32041300



FUCHSIN BASIC (C.I. 42510) MIC	reference	packaging	price
Assay > 85% App. Dark green coloured powder Loss on dry. (135 °C) < 15%	Abs. max. (50% EtOH) 549 - 552nm Abs.(0.003 g/l. 50% EtOH) 2290 - 2710nm	FUCH-B0D-025 	25 g


FUCHSIN BASIC, CARBOL SOLUTION ACCORDING TO ZIEHL

labkem

TARIC code: 32041300

ADR: 3(6.1) FT1 III UN 1992 IMDG: 3(6.1) III UN 1992 IATA: 3(6.1) III UN 1992




FUCHSIN BASIC, CARBOL SOLUTION ACCORDING TO ZIEHL MIC	reference	packaging	price
Abs. max. 544 - 548nm Abs. (A ₁ %; 1cm; λ _{max} ; 1:2000) 0.38 - 0.6	Suitability test Passes test	FUCH-BZD-500 	500 ml

GIEMSA'S STAIN

labkem

CAS: 51811-82-6 EC: 257-438-2 TARIC code: 32041900



GIEMSA'S STAIN MIC	reference	packaging	price
App. Dark green coloured powder Abs. max. λ _{max} (MeOH) 647 - 653nm Abs. max. λ _{2max} (MeOH) 520 - 526nm	Sp. abs. (A ₁ %; 1cm; λ _{1max} ; MeOH) > 800 Sp. abs. (A ₁ %; 1cm; λ _{2max} ; MeOH) > 350 Loss on dry. (105 °C) < 10%	EOMB-00D-100 	100 g


GIEMSA STAIN SOLUTION

labkem

CAS: 67-56-1 EC: 200-659-6 TARIC code : 32041900

ADR: 3 FT1 II UN 1230 IMDG: 3 II UN 1230 IATA: 3 II UN 1230






GIEMSA'S AZUR EOSIN METHYLENE BLUE SOLUTION MIC	reference	packaging	price
App. Blue coloured solution Abs. max. λ _{1max} 630 - 655nm Abs. max. λ _{2max} 520 - 525nm		EOMB-MSD-1K0 	1 L

GILL'S HEMATOXYLIN SOLUTION

labkem

TARIC code: 32041300



GILL'S HEMATOXYLIN (I) SOLUTION, MIC	reference	packaging	price
Color: Dark red Odor: Acetone-like	Composition: Hematoxylin, aluminum sulfate, potassium iodide, acetic acid, water	HEMA-G1S-500 	500 ml
GILL'S HEMATOXYLIN (II) SOLUTION, MIC	reference	packaging	price
Color: Dark red Odor: Acetone-like	Composition: Hematoxylin, aluminum sulfate, potassium iodide, acetic acid, water	HEMA-G2S-500 	500 ml
GILL'S HEMATOXYLIN (III) SOLUTION, MIC	reference	packaging	price
Color: Dark red Odor: Acetone-like	Composition: Hematoxylin, aluminum sulfate, potassium iodide, acetic acid, water	HEMA-G3S-500 	500 ml

HARRIS'S HEMATOXYLIN FOR PAPANICOLAOU

labkem

TARIC code: 32041300



HARRIS'S HEMATOXYLIN FOR PAPANICOLAOU, MIC	reference	packaging	price
Color: Dark red Odor: Odorless	HEMA-HPS-500	500 ml	
Composition: Hematoxylin, aluminum sulfate, potassium iodide, ethanol, glycerol, water			

HEMATOXYLIN, C.I. 75290

labkem

CAS: 517-28-2 MW: 302,3 EC: 208-237-3 TARIC code: 32030010



HEMATOXYLIN 80% (C.I. 75290) MIC	reference	packaging	price
Assay > 75% App. brown powder Loss on dry. < 8%	HEMA-00D-025	25 g	
General tissue stain for animal histology by Weigerts Mayer's acid hemalum Heidenhain's and Harris technique on paraffin sections			

INDIGO CARMINE, C.I. 73015 SEE P. 415**LACTOPHENOL (COTTON BLUE) SOLUTION**

labkem

TARIC code: 38220000

ADR : 6.1 T1 II UN 2922 IMDG : 6.1 II UN 2922 IATA : 6.1 II UN 2922



LACTOPHENOL (COTTON BLUE) SOLUTION MIC	reference	packaging	price
Suit. for microb. Passes test	LACP-00D-100	100 ml	
Solub. in H ₂ O (20°C) Passes test Blue sol. for staining fungi			

MAY-GRÜNWARD'S STAIN

labkem

CAS: 68988-92-1 TARIC code: 32041900



MAY-GRÜNWARD'S STAIN MIC	reference	packaging	price
Abs. max. $\lambda_{1\text{max}}$ 648 - 653nm Abs. max. $\lambda_{2\text{max}}$ 520 - 528nm Sp. abs. (A ₁ %; 1cm; $\lambda_{1\text{max}}$ (dried subst.)) 1100 - 1300	EOBL-MOD-025	25 g	
Sp. abs. (A ₂ %; 1cm; $\lambda_{2\text{max}}$ (dried subst.)) 600 - 800 Loss on dry. (105 °C) < 10%			

MAY-GRÜNWARD'S SOLUTION MODIFIED FOR MICROSCOPY

labkem

CAS: 67-56-1 EC: 200-659-6 TARIC code : 32041900

ADR: 3(6.1) FT1 II UN 1230 IMDG: 3(6.1) II UN 1230 IATA: 3(6.1) II UN 1230



MAY-GRÜNWARD'S SOLUTION EOSINE-METHYLENE BLUE MODIFIED MIC	reference	packaging	price
Abs. max. λ_1 (1 250 MeOH) 645 - 651nm Abs. max. λ_2 (1 250 MeOH) 520 - 528nm Abs. (A ₁ %; $\lambda_{1\text{max}}$; 1:250 MeOH) 0.5 - 0.8	EOBL-MSD-500	500 ml	
Abs. (A ₂ %; $\lambda_{2\text{max}}$; 1:250 MeOH) 0.3 - 0.4 Suit. for microb. Passes test			

MAYER'S HEMATOXYLIN

labkem

TARIC code: 32041300



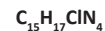
MAYER'S HEMATOXYLIN, MIC	reference	packaging	price
Color: Dark red Odor: Odorless	HEMA-MOS-500	500 ml	
Composition: Hematoxylin, aluminum sulfate, potassium iodide, acetic acid, glycerol, water			





METHYL ORANGE, C.I. 13025 SEE P. 416**METHYL RED, C.I. 13020** SEE P. 416**METHYLENE BLUE, C.I. 52015** SEE P. 416**NEUTRAL RED, C.I. 50040**

labkem

CAS: 553-24-2 MW: 288.78 EC: 209-035-8 TARIC code: 32041300

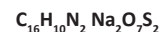



NEUTRAL RED (C.I. 50040) MIC	reference	packaging	price
App. sol. 0.1% (50%EtOH) Clear solution Dye content > 60% Abs. max. (50% EtOH) 539 - 544nm Loss on dry. < 12% Transition range pH 6.8 - 8	NEUR-00D-010	 10 g	
	NEUR-00D-025	 25 g	

ORANGE G, C.I. 16230

labkem

CAS: 1936-15-8 MW: 452.37 EC: 217-705-6 TARIC code: 32041200




ORANGE G (C.I. 16230) MIC	reference	packaging	price
Assay > 80 Dye content > 80% Abs. max. (H ₂ O) 476 - 481nm	ORAN-G0D-025	 25 g	

ORCEIN

labkem

CAS: 1400-62-0 MW: 500,51 EC: 215-750-6 TARIC code: 32030010



ORCEIN MIC	reference	packaging	price
App. Black coloured powder Abs. max. (NaOH 0.01 Mol/L) 575 - 582nm	ORCE-00D-005	 5 g	


PANOPTIC NO. 1 FOR BLOOD SMEAR STAINING OR MEDULLARY SMEAR STAINING

labkem

CAS: 67-56-1 EC: 200-659-6 TARIC code: 32041400

ADR : 3(6.1) FT1 III UN 1992 IMDG : 3(6.1) III UN 1992 IATA : 3(6.1) III UN 1992



PANOPTIC NO. 1 GREEN FIXATIVE MIC	reference	packaging	price
App. Bluish Blood smear staining or medullary smear staining.	PANO-GF1-1K0	 1 L	

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu

Disclaimer: Labkem chemical products are exclusively for use in laboratory and by instructed and experienced technicians. These chemical products may be dangerous, so please follow instructions mentioned on the Material safety data sheets.

Due to shipping restrictions or local/national regulations, all products may not be available in all countries or for some particular customers.



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY




REQUIRES REFRIGERATED TRANSPORTATION

PANOPTIC NO. 2 FOR BLOOD SMEAR STAINING OR MEDULLARY SMEAR STAINING

labkem


TARIC code: 32041400

PANOPTIC NO. 2 FAST EOSIN MIC	reference	packaging	price
Appearance Reddish Blood smear staining or medullary smear staining.	PANO-FE2-1K0	 1 L	

PANOPTIC NO. 3 FOR BLOOD SMEAR STAINING OR MEDULLARY SMEAR STAINING

labkem

TARIC code: 32041400

PANOPTIC NO. 3 FAST BLUE MIC	reference	packaging	price
App. Bluish without visible particles Blood smear staining or medullary smear staining.	PANO-FB3-1K0	 1 L	

PAPANICOLAOU EA50 SOLUTION

labkem

CAS: 64-17-5 EC: 200-578-6 TARIC code: 32041300

IMDG: 3 II UN 1170 ADR: 3 II F1 UN 1170 IATA: 3 II UN 1170



PAPANICOLAOU EA50 SOLUTION, MIC	reference	packaging	price
Appearance: Liquid Colour: Dark green Odour: Alcohol-like Storage temp. 15 - 20°C	PPAN-S50-500	 500 ml	


PAPANICOLAOU OG6 SOLUTION

labkem

CAS: 64-17-5 EC: 200-578-6 TARIC code: 32041300

IMDG: 3 III UN 1170 ADR: 3 III F1 UN 1170 IATA: 3 III UN 1170





PAPANICOLAOU OG6 SOLUTION, MIC	reference	packaging	price
Color: Orange Odor: Alcohol-like	PPAN-S06-500	 500 ml	

PARAFFIN, PELLETS, FOR TISSUE EMBEDDING

labkem

CAS: 8002-74-2 EC: 232-315-6 TARIC code: 27122090


PARAFFIN, PELLETS, MELTING POINT 56 - 58 °C, MIC	reference	packaging	price
Melt. range 56 - 58°C Solidif. point 56 - 58°C Penetr. (25°C) 1/10mm 16 Oil content 0% Saybolt color > 30 Storage temp. 15 - 25°C	PARF-TEB-1K0	 1 kg	
PARAFFIN + DMSO, PELLETS, MELTING POINT 56 - 58 °C, MIC	reference	packaging	price
Melt. range 56 - 58°C Solidif. point : 56 - 58°C Permeation 77F < 12mg/g Oil content < 0.15% Saybolt color < 30 Storage temp. 15 - 25°C	PARD-TEB-1K0	 1 kg	

SUDAN III, C.I. 26100

labkem

CAS: 85-86-9 MW: 352,4 EC: 201-638-4 TARIC code: 32041900




SUDAN III (C.I. 26100) MIC	reference	packaging	price
Assay > 85% Abs. max. 508 - 512nm Fat stain on frozen sections for formalin fixed tissue used with light green in plant histology	SUDN-30D-025	 25 g	

TARTRAZINE FOR MICROSCOPY, C.I. 19140

labkem

CAS: 1934-21-0 MW: 534,4 TARIC code: 32041200



TARTRAZINE (C.I. 19140) MIC	reference	packaging	price
Abs. max. (H ₂ O) 421 - 427nm Sp. abs. (A ₁ %; 1cm; λmax) < 400 Loss on dry. < 15%	TART-00D-100	 100 g	



PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label

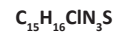




GRADES, FAMILIES and PACKAGING information on p. 352

TOLUIDINE BLUE, C.I. 52040

labkem

CAS: 92-31-9 MW: 305,82 EC: 202-146-2 TARIC code: 32041300




TOLUIDINE BLUE (C.I. 52040) MIC	reference	packaging	price
Assay > 50% Abs. max. (H ₂ O) 620 - 638nm Loss on dry. (110 °C) < 8%	TLBL-00D-005	 5 g	
	TLBL-00D-025	 25 g	

TOLUIDINE BLUE SOLUTION

labkem

TARIC code: 32041300

TOLUIDINE BLUE SOLUTION FOR HISTOLOGY, MIC	reference	packaging	price
Color: Blue Odor: Thymol-like Composition: Ethyl alcohol, glycerol, water, toluidine blue	TLBL-S0D-500	 500 ml	


WRIGHT'S STAIN

labkem

CAS 68988-92-1 i EC: 273-541-5 TARIC code: 32041900

ADR: 3(6.1) FT1 II UN 1230 IMDG: 3(6.1) II UN 1230 IATA: 3(6.1) II UN 1230



WRIGHT'S STAIN MIC	reference	packaging	price
App. Greenish black/blue cryst. powder Abs. max. λ_{1max} (MeOH) 640 - 648nm Abs. max. λ_{2max} (MeOH) 522 - 525nm Sp. Abs. (A ₁ ; 1cm; λ_{1max}) > 1100 Sp. Abs. (A ₂ ; 1cm; λ_{2max}) > 650 Suit. for microscopy passes test Loss on Dry. (110°C) < 10% Certified for use in staining blood and bone marrow films also for staining malarial parasites in blood f	WRST-00P-025	 25 g	

XYLENE SUBSTITUTE

labkem

CAS: 68551-19-9 EC: 271-369-5 TARIC code: 27073000

IMDG: 8 II UN 3264 ADR: 8 II C1 UN 3264 IATA: 8 II UN 3264



XYLENE SUBSTITUTE, HIS	reference	packaging	price
Appearance Clear liquid Boiling range 78° - 154°C Flash point 20°C Acidity 0.1% Purity 99.5% Moisture 0.20%	XYLN-SUB-2K5	 2,5 L	

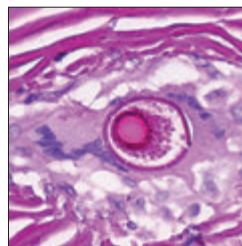
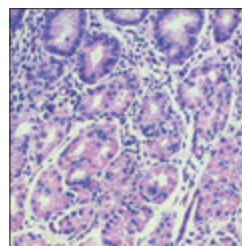
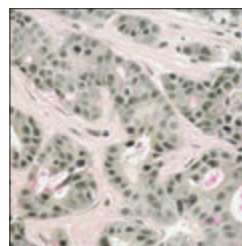
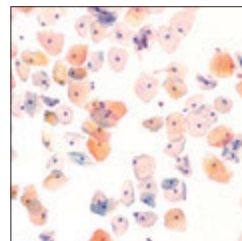
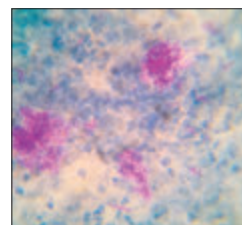
DYES AND STAINS KITS FOR MICROBIOLOGY AND PATHOLOGY

Ready-to-use solutions of some of the most widely used stains in the fields of histopathology, microbiology and hematology. Labkem dye kits are fast and easy to use, ensuring reproducible results

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reference	type	n° tests / sales unit	price/pack
ABLU-KA2-100	Alcian, Blue pH 1 Detection of highly acidic mucins only	100	
ABLU-KA3-100	Alcian, Blue pH 2.5 Detection of acidic mucins	100	
CONG-KHI-100	Highman, Congo Red Detection of amyloid	100	
TRIC-KML-100	Mallory, Trichrome Coloration of connective tissue	100	
TRIC-KMA-100	Masson, Trichrome Standard Detection of collagen fibers in tissues	100	
ORCE-KFB-100	Orcein Selective staining method for identifying elastin protein	100	
PANO-KPR-100	Panoptic, rapid Differential staining method for blood cells	100	
SCHF-K01-100	Periodic Acid Schiff (P.A.S.) Detection of polysaccharides in tissues	100	
TRIC-KVG-100	Van Gieson, Trichrome Detection of abnormal elastic tissue	100	
HEMA-KWE-100	Weigert, Hematoxylin Nuclear staining resistant to decolorization by acidic staining solutions	100	
FUCH-KZN-100	Ziehl-Neelsen Identification of acid-fast organisms, mainly Mycobacteria	100	



LABKEM DYES FOR HISTOLOGY AND MICROBIOLOGY

The range covers a wide variety of high-quality products, both for common stains and special tissues. Its format of ready-to-use solutions allows to speed up the staining process.

Ready-to-use

Reproducible results

Up to 100 tests per kit

Regular stains and special staining techniques

Motic | "BIOLOGICAL MICROSCOPE, SFC-100

Monocular head, inclined at 45 degrees and rotating 360°. Widefield WF10X/18mm eyepiece with built-in pointer. Achromatic DIN objectives 4X, 10X, 40X S. Coarse and fine focusing adjustment. 0.65NA fixed condenser. Iris diaphragm with filter holder. LED 20 mA, 3.5 V, 70 mW illumination, with intensity control. Cover included. Main supply 100-240 V (CE), batteries and charger included. Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



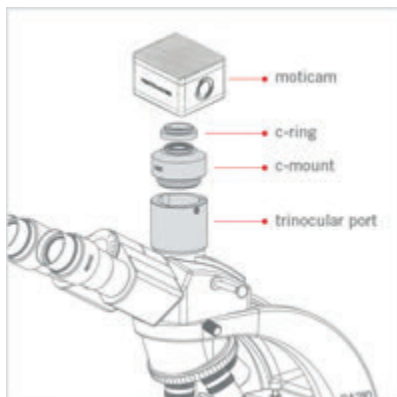
reference	description	pcs/pack	price/pack
BM01-L01-001	microscope SFC-100 F LED (LED illumination)	1	
Accessories and spare parts			
BMAC-111-001	micrometer eyepiece WF 10X/18 mm, 100 divisions in 10 mm	1	
BMAC-069-001	achromatic objective 60X/0.85/S	1	
BMAC-018-001	achromatic objective 100X/1.25/S-oil	1	

Motic | "BIOLOGICAL MICROSCOPES, 18 LED AND 28 LED CORDLESS

Monocular, binocular or trinocular head (according to model), 45° inclined and 360° rotating. Widefield WF10X/18 mm eyepiece. Quadruple nosepiece with achromatic EA objectives 4X, 10X and 40X S. Separate (1802 model) or coaxial (2820 & 2823 models) coarse and fine focusing system. Built in low position coaxial mechanical stage. Focusable 1.25 N.A. Abbe condenser. Iris diaphragm with filter holder. LED 20 mA, 3.5 V, 70 mW illumination with intensity control. Dust cover included. Main supply 100-240 V (CE), batteries and charger included. Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
BM15-L01-001	microscope 1802 LED (monocular head)	1	
BM16-L02-001	microscope 2820 LED (binocular head)	1	
BM16-L03-001	microscope 2823 LED (trinocular head)	1	
Accessories and spare parts			
BMAC-068-001	widefield eyepiece WF 15X/12 mm	1	
BMAC-112-001	micrometer eyepiece WF 10X/18 mm, 100 divisions in 10 mm	1	
BMAC-070-001	achromatic objective EA 60X/0.85/S	1	
BMAC-019-001	achromatic objective EA 100X/1.25/S-oil	1	
BMAC-113-001	camera adapter 0.5X C-type (for 2823 LED model)	1	



Moticam S cameras must be attached to the trinocular port using a **C-mount adapter**.

These adapters are specific to each sensor size and must be purchased separately depending on the equipment and camera of your choice.

“BIOLOGICAL MICROSCOPE, ECOLINE

Monocular or binocular head (according to model), 45° inclined and 360° rotating. Widefield WF10X/18 mm eyepiece. Quadruple nosepiece with achromatic DIN objectives 4X, 10X, 40X S and 100X S-Oil. Coarse and fine focusing adjustment. Focusable 1.25 NA Abbe condenser. Built in low position coaxial mechanical stage. Iris diaphragm with filter holder. LED illumination with intensity control. Main supply 110-240 V (CE). Warranty 2 years on optical and mechanical components

reference	description	pcs/pack	price/pack
BM50-L01-001	microscope Ecoline C10 (monocular head)	1	
BM50-L02-001	microscope Ecoline C20 (binocular head)	1	
Accessories and spare parts			
BMAC-068-001	widefield eyepiece WF 15X/12 mm	1	

“BIOLOGICAL MICROSCOPE, B1 ELITE

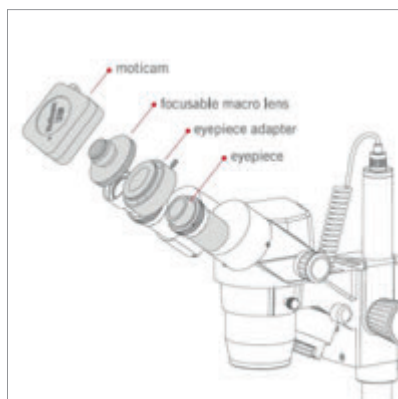
Monocular, binocular or trinocular head (according to model), 45° inclined and 360° rotating. Widefield WF10X/18 mm eyepieces. Quadruple revolving nosepiece with achromatic Semi-Plan SP objectives 4X, 10X, 40X S and 100X S-Oil. Coaxial coarse and fine focusing system. Low position coaxial mechanical stage. Focusable 1.25 N.A. Abbe condenser. Iris diaphragm with filter holder. LED illumination 3W with intensity control. Dust cover and immersion oil included. Main supply 220-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack
BM03-L01-001	microscope B1-211E SP (monocular head)	1	
BM03-L02-001	microscope B1-220E SP (binocular head)	1	
BM03-L03-001	microscope B1-223E SP (trinocular head)	1	
Accessories and spare parts			
BMAC-068-001	widefield eyepiece WF 15X/12 mm	1	
BMAC-194-001	Semi-Plan objective SP60X/0,85/S	1	
BMAC-116-001	10X phase contrast attachment	1	
BMAC-117-001	40X phase contrast attachment	1	
BMAC-118-001	phase centering telescope, Ø23.2 mm	1	
BMAC-119-001	darkfield attachment (max. 400X)	1	
BMAC-083-001	0.5X C-mount camera adapter for 1/3" chip sensors	1	
BMAC-084-001	0.6X C-mount camera adapter for 1/2" chip sensors	1	

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The Moticam A cameras are compatible with the eyepieces of microscopes and stereomicroscopes.

There is no need to purchase any additional adapters; everything required to use these cameras with monocular and binocular microscopes is included in the box.

Motic | "PETROGRAPHIC MICROSCOPE, PM-18 LED

Monocular or binocular head 45° inclined and 360° rotating. Widefield WF 10X/18 mm eyepieces with cross reticle. Reversed quadruple revolving nosepiece with achromatic objectives EA 4X, 10X and 40X S. Coaxial coarse and fine focusing adjustment. Working table rotating from 0–360° with graduation to 1°. Focusable 1.25 N.A. Abbe condenser. Iris diaphragm with filter holder. Includes a swing in/out analyser and polarizer. Halogen illumination 12V/20W with intensity control. Dust cover included. Supply 220-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
PM01-H01-001	petrographic microscope PM-1805 LED (monocular head)	1	
PM01-H02-001	petrographic microscope PM-1820 LED (binocular head)	1	

Motic | "HIGH-END BIOLOGICAL MICROSCOPE, BA-210 LED AND BA-210 LED DIGITAL

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. For digital model only: binocular head, Siedentopf type, 30° inclined with built-in digital camera CMOS 1/2" chip 2048 x 1536 pixels with USB 2.0 output. Widefield N-WF10X/20 mm eyepieces. Reversed quadruple nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) EC Plan 4X, EC Plan 10X, EC Plan 40X Spring and EC Plan 100X Spring-Oil. Coaxial coarse and fine focusing with tension adjustment. Low position coaxial mechanical stage with controls at right side. Focusable 1.25 N.A. Abbe condenser with iris diaphragm and slot. Blue filter Ø45 mm, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Digital model includes calibration slide and Motic Images Plus 3.0 Software for PC and Mac. LED illumination 3W with intensity control. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
BM11-L12-001	microscope BA-210 LED (binocular head)	1	
BM11-L13-001	microscope BA-210 LED (trinocular head)	1	
BM11-LD2-001	digital microscope BA-210 LED (binocular head)	1	

Accessories and spare parts

BMAC-094-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	
BMAC-195-001	CCIS EC Plan achromatic objective 20X/0,40	1	
BMAC-196-001	CCIS EC Plan achromatic objective 60X/0,80 S	1	
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	

Accessories for phase-contrast

BMAC-124-001	CCIS plan phase objective (+) EC-H Ph10X/0.25	1	
BMAC-126-001	CCIS plan phase objective (+) EC-H Ph40X/0.65/S	1	
BMAC-082-001	3-position phase slider for PH10X, PH40X, BF	1	
BMAC-089-001	phase-contrast slider PH2 (for objective Ph40X)	1	
BMAC-090-001	phase centering telescope	1	
BMAC-091-001	dark field slider (10X-40X)	1	

Accessories for polarization

BMAC-122-001	simple add on analyzer	1	
BMAC-123-001	simple add on polarizer	1	



“HIGH-END BIOLOGICAL MICROSCOPE, BA-310 LED AND BA-310 LED DIGITAL

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. For digital model only: binocular head, Siedentopf type, 30° inclined with built-in digital camera CMOS 1/2" chip 2048 x 1536 pixels with USB 2.0 output. Widefield high eyepoint N-WF10X/20 mm eyepieces with diopter adjustment in both eyepieces. Reversed quintuple revolving nosepiece with CCIS Plan Achromatic objectives (Colour Corrected Infinity System) EC Plan 4X, EC Plan 10X, EC Plan 40X S and EC Plan 100X S-Oil. Coaxial coarse and fine focusing with tension adjustment. Low position coaxial mechanical stage with controls at right side. Focusable 1.25 N.A. Abbe condenser with iris diaphragm and slot. Blue filter Ø45 mm, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Digital model includes calibration slide and Motic Images Plus 3.0 Software for PC and Mac. Koehler LED illumination 3W with intensity control. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

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reference	description	pcs/pack	price/pack
BM17-L12-001	microscope, BA-310 LED, binocular head	1	
BM17-L13-001	microscope, BA-310 LED, trinocular head	1	
BM17-LD2-001	microscope, BA-310 LED Digital, binocular head	1	
Accessories and spare parts			
BMAC-094-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	
BMAC-195-001	CCIS EC Plan achromatic objective 20X/0,40	1	
BMAC-196-001	CCIS EC Plan achromatic objective 60X/0,80 S	1	
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	
Accessories for phase-contrast			
BMAC-124-001	CCIS plan phase objective (+) EC-H Ph10X/0.25	1	
BMAC-125-001	CCIS plan phase objective (+) EC-H Ph20X/0.45	1	
BMAC-126-001	CCIS plan phase objective (+) EC-H Ph40X/0.65/S	1	
BMAC-127-001	CCIS plan phase objective (+) EC-H Ph100X/1.25/S-Oil	1	
BMAC-128-001	5 position (BF, DF, PH1, PH2, PH3) turret condenser	1	
BMAC-090-001	phase centering telescope	1	
Accessories for polarization			
BMAC-129-001	simple add on analyzer	1	
BMAC-123-001	simple add on polarizer	1	

LBC

We offer three ranges of slides depending on your needs.

In addition, we complete the offer with cover glasses and accessories for storage and staining.

see p. 41-44



Motic | "HIGH-END BIOLOGICAL MICROSCOPE, BA-410E

Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. Widefield high eyepoint WFPL10X/20 mm eyepieces with dioptic adjustment and protectors in both eyepieces. Reversed sextuple nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) EC-H. Plan 4X, 10X, 40X S and 100X S-Oil. Coaxial coarse and fine focusing with tension adjustment. Rackless low position coaxial mechanical stage with controls at right side and sample holder, ceramic insert. Achromat swing-out condenser N.A. 0.90 with iris diaphragm. Blue filter Ø45 mm, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Koehler halogen illumination 12V/50W with external lamp house and intensity control. Auto-OFF and Light Memory function. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
BM28-H02-001	biological microscope, BA-410E, binocular head	1	
BM28-H03-001	biological microscope, BA-410E, trinocular head	1	
Accessories and spare parts			
BMAC-094-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	
BMAC-173-001	quartz halogen lamp 12V/50W	1	
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	

**Motic** | "PROFESSIONAL PETROGRAPHIC MICROSCOPE, BA-310 POL

Binocular head or trinocular head Siedentopf type, 30° inclined (Light split 100:0/20:80). Widefield high eyepoint N-WFPL10X/20 mm eyepieces with dioptic adjustment and protectors in both eyepieces. Crosshair reticle on one eyepiece. Intermediate tube with rotatable analyzer 360° and Bertrand lens. Empty insertion plate. Reversed quadruple revolving nosepiece, single positions centrable. CCIS EC Plan Strain-free objectives EC PL 4X, 10X, 40X S, 60X S. Coaxial coarse and fine focusing with tension adjustment. 360° circular rotating stage. Achromat swing-out condenser N.A. 0.90/0.13 (strain-free) with iris diaphragm. Rotatable polarizer, fixed on condenser carrier. Koehler illumination quartz halogen 6V/30W with intensity control. Universal supply 100-240 V (CE). 45mm blue filter, power cord, Allen hexagonal key, vinyl dust cover. Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
BM30-H02-001	microscope MOTIC BA-310 POL, binocular	1	
BM30-H03-001	petrographic microscope MOTIC BA-310 POL, trinocular (20:80)	1	

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The Labkem reagent range includes stains and dyes in both solid and solution formats, as well as ready-to-use kits.

Go through the Microbiology and Pathology chapter to discover our range of products.

“METALLURGICAL MICROSCOPE, BA310 MET AND BA310MET-T

Two models are available: BA310 MET (Reflected light system) and BA310MET-T (Reflected & Transmitted light system). Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. Widefield high eyepoint WFPL10X/20 mm eyepieces with dioptic adjustment and protectors in both eyepieces. Reversed quintuple revolving nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) LM PL 5X, 10X, 20X, 50X. Coaxial coarse and fine focusing system. Mechanical stage 180 x 140 mm, hard coated with built-in low position coaxial stage control. Focusable 1.25 N.A. Abbe condenser with iris diaphragm (model BA310 MET-T). Blue filter Ø45 mm, dust cover, hexagonal Allen key. Epi-illuminator 12V/50W quartz halogen with integrated field and aperture diaphragms and external lamp house. Transmitted Koehler illumination quartz halogen with 6V/30W with intensity control (model BA310 MET-T). Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

Motic



reference	description	pcs/pack	price/pack
MM01-H02-001	microscope BA310 MET (binocular head)	1	
MM01-H03-001	microscope BA310 MET (trinocular head)	1	
MM02-H02-001	microscope BA310 MET-T (binocular) - Reflected & transmitted light	1	
MM02-H03-001	microscope BA310 MET-T (trinocular) - Reflected & transmitted light	1	
Accessories and spare parts			
BMAC-174-001	slideglass holder for BA310 MET-T	1	
BMAC-175-001	CCIS LM Plan achromatic objective LM PL 100X/0.8 (WD=2mm)	1	
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2" chip sensors	1	
Accessories for polarization			
BMAC-177-001	simple add on analyzer	1	
BMAC-178-001	simple add on polarizer	1	



HOW TO ADJUST THE MICROSCOPE TO THE DIOPTRIS

The dioptre adjustment compensates any differences in vision between the left and right eye



1 - Look through the eyepiece on the right side with your right eye



2 - Focus the image by using the fine and/or coarse focusing adjustment knobs until the image of the specimen is sharp



3 - Then look through the eyepiece on the left with your left eye. Use the dioptre's adjustment ring to focus the sample until the image is sharp

The microscope is now ready for perfect binocular viewing providing an accurate visualisation of the specimen

Motic | "HIGH-END BIOLOGICAL INVERTED MICROSCOPE, AE-2000



Binocular or trinocular head (according to model) Siedentopf type, 30° inclined and 360° rotating. Widefield high eyepoint N-WF10X/20 mm eyepieces with dioptic adjustment and protectors in both eyepieces. Side facing quadruple nosepiece with CCIS Plan achromatic objectives (Colour Corrected Infinity System) PL4X and CCIS Plan Achromatic Phase objectives PL Ph10X (Ph1) and LWD PL Ph20X (Ph 1). ELWD condenser N.A. 0.30. Phase slider Ph1, BF, Ph2Phase centering telescope. Plain stage with metal and glass stage inserts. Ø 45 mm blue, green interference and neutral density filters with filter slider, dust cover, hexagonal Allen key and immersion oil 5 ml bottle included. Quartz halogen illumination 6V/30W with intensity control and sleeping mode. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
BM31-H02-001	biological microscope, AE2000, binocular head	1	
BM31-H03-001	biological microscope, AE2000, trinocular head	1	
Accessories and spare parts			
BMAC-130-001	micrometer reticle, 100 divisions in 10 mm, to be inserted in original eyepiece	1	
BMAC-159-001	CCIS® Plan achromatic Phase objective LWD PL Ph 40X/0.5 (WD=3.0mm) Ph1	1	
BMAC-081-001	0.5X C-mount camera adapter for 1/3" and 1/2"	1	

Motic | "STEREOMICROSCOPE, ST-30C



Binocular head 45° inclined. Widefield WF10X/20mm eyepieces. Turret-type magnification changer with 2X and 4X objectives. Incident and transmitted (according to model) tungsten 12V/10W or LED 20 mA, 3.5V, 70 mW illumination. Dust cover included. Supply 220-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks



reference	description	pcs/pack	price/pack
SM01-TT2-001	stereomicroscope ST-30C-12LOO (tungsten illumination)	1	
SM01-LL2-001	stereomicroscope ST-30C-6LED Cordless (LED illumination)	1	
Accessories and spare parts			
BMAC-132-001	micrometer eyepiece WF 10X/20 mm, 100 divisions in 10 mm	1	



LENS AND OPTICAL ELEMENTS CLEANING TISSUE

In packs of 100 sheets

reference	l (mm)	w (mm)	weight/surface	pcs/pack	price/pack
LENS-100-100	100	150	11 g/m ²	100	



IMMERSION OIL FOR MICROSCOPY

To be placed between the surface of the sample and the lens of the microscope to eliminate the deflection of the beam of light and improve the effectiveness of the lens considerably. Refractive index (nD) at 25°C between 1.472 and 1.480 and viscosity at 40°C between 99 and 120 cSt

reference	type	package	price/pack
MOIL-T02-100	immersion oil	100 ml	



“STEREOMICROSCOPE, SMZ-160

Greenough zoom optical system. Binocular or trinocular head (according to model) 45° inclined and 360° rotating. Widefield WF10X/20 mm eyepieces. Zoom ratio 6:1 and magnification range 0,75X-4,5X. 100 mm working distance. R2LED: base stand with pole and head holder and incident and transmitted illumination. Incident LED 3W illumination with intensity control. Dust cover included. Supply 220-240 V (CE). 5 years warranty on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack
SM05-HN2-001	stereomicroscope SMZ-160 (binocular head)	1	
SM05-HN3-001	stereomicroscope SMZ-160 (trinocular head)	1	

Accessories and spare parts

BMAC-132-001	micrometer eyepiece WF 10X/20 mm, 100 divisions in 10 mm	1	
BMAC-104-001	0.4X C-mount camera adapter for 1/4" and 1/3" chip sensors	1	
BMAC-136-001	0.5X C-mount camera adapter for 1/2" and 2/3" chip sensors	1	
BMAC-135-001	2X adapter for SLR	1	

Motic**“DIGITAL STEREO MICROSCOPE, DM-143-FBGG**

Greenough zoom optical system. Binocular head 45° inclined with built-in digital camera CMOS 1/2" chip 2048 x 1536 pixels with USB 2.0 output. Widefield WF10X/20 mm eyepieces. Zoom ratio 4:1 and magnification range 1X-4X. 80 mm working distance. FBGG: pole type stand with large working base. Coarse focusing system with tension adjustment. Incident and transmitted halogen 12V/10W illumination with intensity control. Dust cover and calibration slide included. Motic Images Plus 3.0 Software for PC and Mac. Universal supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack
SM11-HH2-001	digital stereomicroscope DM-143-FBGG-C	1	

Accessories and spare parts

BMAC-132-001	micrometer eyepiece WF 10X/20 mm, 100 divisions in 10 mm	1	
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Motic**“STEREOMICROSCOPE, SMZ-171**

Greenough zoom optical system. Binocular or trinocular head (according to model) 45° inclined and 360° rotating. Widefield WF10X/23 mm eyepieces. Zoom ratio 6.7:1 and magnification range 0.75X-5X. 110 mm working distance. Base (according to model): 2113 (without illumination) or 2111 (with LED illumination with intensity control). Coarse focusing system with tension adjustment. Dust cover included. Supply 100-240 V (CE). Warranty 5 years on optical and mechanical components. Delivery time 2-3 weeks

reference	description	pcs/pack	price/pack
SM07-1BP-001	SMZ-171-BP (binocular head / without illumination)	1	
SM07-1BL-001	SMZ-171-BLED (binocular head / with illumination)	1	
SM07-1TP-001	SMZ-171-TP (trinocular head / without illumination)	1	
SM07-1TL-001	SMZ-171-TLED (trinocular head / with illumination)	1	

Accessories and spare parts

BMAC-092-001	micrometer eyepiece WF 10X/23 mm, 140 divisions in 14 mm	1	
BMAC-137-001	0.35X C-mount camera adapter for 1/4" chip sensors	1	
BMAC-078-001	0.45X C-mount camera adapter for 1/3" chip sensors	1	
BMAC-110-001	0.65X C-mount camera adapter for 1/2" and 2/3" chip sensors	1	

Motic

Motic | "OPTICAL FIBRE ILLUMINATION SYSTEM, MLC-150

Local / remote commuter with intensity control. Intensity remote control (2 m). LED reading of colour temperature. Universal supply 100-240 V (CE). Warranty 2 years. Delivery time 2 weeks



reference	description	pcs/pack	price/pack
BMAC-065-001	MLC-150 optical fibre illuminator	1	
Accessories and spare parts			
BMAC-138-001	21 V/150 W halogen bulb for MLC-150	1	
BMAC-139-001	blue filter for MLC-150	1	

Motic | "LIGHT GUIDES FOR ILLUMINATION SYSTEM, MLC-150

Gooseneck 1 or 2-arms light guide in optical fibre. 0.5 m length and 200 mm bending radius. Delivery time 2 weeks



reference	description	pcs/pack	price/pack
BMAC-066-001	gooseneck 1-arm light guide	1	
BMAC-067-001	gooseneck bifurcated light guide	1	

Motic | "DIGITAL CAMERAS WITH USB OUTPUT, MOTICAM A

Attachable C-mount digital camera for microscopy with USB 2.0 output. Focusable macro lens. Eyepiece couplers for connection to the most common microscope eyepieces (of any brand). Calibration slide included. Motic Images Plus 3.1 Software for image capture and edition with Windows (multilanguages software, English included) and Mac (only in English). 2 years warranty. Delivery time 3-4 weeks



reference	description	pcs/pack	price/pack
CM05-0A1-001	MOTICAM A1, sCMOS 1/3.1", 1280 x 720 pixels, 1MP	1	
CM05-0A2-001	MOTICAM A2, sCMOS 1/3.1", 1280 x 720 pixels, 2MP	1	
CM05-0A5-001	MOTICAM A5, sCMOS 1/2.8", 2592 x 1944 pixels, 5MP	1	
CM05-0A8-001	MOTICAM A8, sCMOS 1/3", 3840 x 2160 pixels, 8MP	1	

Motic | "DIGITAL CAMERAS WITH USB OUTPUT, MOTICAM S

Attachable C-mount digital camera for microscopy with USB 3.1 output. Only compatible with trinocular port. Calibration slide included. Motic Images Plus 3.0 Software for image capture and edition with Windows (multilanguages software, English included) and Mac (only in English). 2 years warranty. Delivery time 2 weeks



reference	description	pcs/pack	price/pack
CM05-S01-001	digital camera MOTICAM S1 (sCMOS 1/3")	1	
CM05-S03-001	digital camera MOTICAM S3 (sCMOS 1/2.8")	1	
CM05-S06-001	digital camera MOTICAM S6 (sCMOS 1/1.8")	1	
CM05-S12-001	digital camera MOTICAM S12 (sCMOS 1/1.7")	1	

“FULLHD HDMI CAMERA, MOTICAM 1080N AND MOTICAM 1080N BMH

FullHD camera for microscopy with HDMI (1080p) output, USB output and 1920x1080 pixels resolution in real time. Images can be captured directly onto an SD card at 6 Mp resolution. Screen: LCD 11,6” Full HD (available only for MOTICAM 1080N BMH). Software On Board (allows you to control the camera parameters by connecting a mouse to the USB). Eyepiece couplers for connection to the most common microscope eyepieces of any brand. Focusable macro lens. Calibration slide included. Motic Images Plus 3.1 Software for image capture and edition with Windows and MAC (multilanguages software).

2 years warranty. Delivery time 3-4 weeks

reference	description	pcs/pack	price/pack
CM10-HN1-001	Moticam 1080N, CMOS IMX307, 1/2.8”, 6MP	1	
CM10-HN2-001	Moticam 1080N BMH with 11.6” FullHD screen	1	

Motic



“WI-FI DIGITAL CAMERA, MOTICAM X5 PLUS

Digital camera for microscopy with Wi-Fi output (2.4 or 5 GHz), Ethernet with an attachable C-mount. Live resolution: FullHD (1920 x 108 pixels). Still resolution: 4.0MP. Sensor: CMOS. Optical calculation: 1/3”. Focusable lens: 12mm. 2 variable diameter eyepiece adaptors. Macrotube for specimens observation. USB supply. Motic Images Plus 3.0 for PC and Mac. Motic 4-dot calibration slide. Operating system: Windows, Mac OSX, Android and iOS. Supply 100V-240V (CE). Warranty 2 years. Delivery time 2 weeks

reference	description	pcs/pack	price/pack
CM08-0X5-001	Wi-Fi digital camera MOTICAM X5 PLUS	1	

Motic



“DIGITAL CAMERA WITH WIFI CONNECTION AND BRACKET FOR TABLETS, MOTICAM BTI

Adaptative digital camera with an attachable C-mount. Built-in bracket for tablets from 7” to 10” (Tablet not included. Users can use their own tablet and connect through Wi-Fi). Sensor type: CMOS. Sensor size: 1/3”. Live resolution: 1920 x 1080 pixels. Image capture resolution: 4.0MP. Output: WiFi (2,4 or 5,0 GHz). Motic Images Plus 3.0 for Windows, OSX and Linux. Motic 4-dot calibration slide. Power Supply 100V-240V (CE). 2 years warranty. Delivery time 3 - 4 weeks

reference	description	pcs/pack	price/pack
CM11-00X-001	Wi-Fi digital camera with tablet support MOTICAM BTX	1	

Motic



astik's

**CRYOTUBE WITH SCREW CAP *BASIC LINE***

Made of polypropylene with silicone-rubber lined cap. Conical bottom and skirt. With exterior screw. Can withstand temperatures from -70 °C up to +120 °C



reference	capacity	∅ (mm)	∅ stopper (mm)	h (mm)	type	pcs/pack	price/pack
CRTP-018-500	1,8 ml	11	13	46	graduated, blue cap	500	
CRTP-R18-500	1,8 ml	11	13	46	graduated, red cap	500	
CRTP-N18-500	1,8 ml	11	13	46	graduated, orange cap	500	
CRTP-040-500	4 ml	12,5	15	53	without graduation	500	
"Saving package"							
CRTP-018-10K	1,8 ml	11	13	46	graduated, blue cap	20 x 500	
CRTP-R18-10K	1,8 ml	11	13	46	graduated, red cap	20 x 500	
CRTP-N18-10K	1,8 ml	11	13	46	graduated, orange cap	20 x 500	

astik's

**CRYOTUBE WITH SCREW CAP, STERILE *STANDARD LINE***

PP tube/HDPE Closure. Medical grade resin compliant with USP class VI. Leak proof with easy 3/4 turn and final 1/4 turn for perfect seal. Packed in resealable bags. Highly visible graduations and labeling area. Star foot design. Certified DNase, RNase and pyrogen-free. Withstand temperatures from -196 °C up to 40 °C. With exterior screw. Sterilized by gamma irradiation. Free sterilization certificate available on the website



reference	capacity	∅ (mm)	h (mm)	type	pcs/pack	price/pack
CRTT-010-025	1,0 ml	12	35	printed graduation, sterile	25	
CRTT-018-025	1,8 ml	12	48	printed graduation, sterile	25	
CRTT-045-010	4,5 ml	12	90	printed graduation, sterile	10	

astik's

**CRYOTUBES WITH INNER THREAD FOR 10X10 CRYOBOXES, *PREMIUM LINE***

Straightline design allows to be stored in standard 10x10 cryo boxes giving 23% additional storage capacity. Single-handed quick seal, closure allows tightening or removal with just half turn avoiding long-term injuries to the user. Star-foot stand makes it compatible with common working stations on the market. Specially designed cap with lip seal feature, 100% leak proof. Cap and tube are made of FDA-approved medical grade polypropylene with the same coefficient of expansion enhancing leak proof qualities within the temperature range (-196 °C to +120 °C). Autoclavable. RNase and DNase free. Manufactured in a clean room environment, ISO-9001, ISO-14001 and ISO-13485. Sterilized according to ISO 11137-2:2013 "Sterility Assurance Level" (SAL) by standard products 10⁶. Free sterilization certificate available on the website



reference	capacity	∅ (mm)	h (mm)	type	pcs/pack	price/pack
CRTH-S10-050	1 ml	12,3	41,0	sterile, with writing area	50	
CRTH-N20-100	2 ml	12,08	47,6	non sterile, with writing area	100	
CRTH-S20-050	2 ml	12,08	47,6	sterile, with writing area	50	
CRTH-S40-025	4 ml	12,4	70,3	sterile, with writing area	25	
CRTH-S50-025	5 ml	12,4	91,3	sterile, with writing area	25	
"Saving package"						
CRTH-N20-1K0	2 ml	12,08	47,6	non sterile, with writing area	10 x 100	

CRYOGENIC LABELS, ROUND

Labels for cryogenic storage purposes. Round shape. Withstand extreme cold temperatures from -196 °C - 121°C. Special material engineered to expand and contract with dramatic temperature changes. Permanent adhesive. Available in rolls in various sizes of one colour or assorted. Can be written on with a pen, pencil, or permanent marker without smearing

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reference	∅ (mm)	description	pcs/pack	price/pack
CRLA-D1W-1K0	9,5	for 0,5-1,5 ml tubes, white	1000	
CRLA-D1B-1K0	9,5	for 0,5-1,5 ml tubes, blue	1000	
CRLA-D1R-1K0	9,5	for 0,5-1,5 ml tubes, red	1000	
CRLA-D1A-5K0	9,5	for 0,5-1,5 ml tubes, assorted	5000	
CRLA-D2W-1K0	13	for 1,5-2 ml tubes, white	1000	
CRLA-D2B-1K0	13	for 1,5-2 ml tubes, blue	1000	
CRLA-D2R-1K0	13	for 1,5-2 ml tubes, red	1000	
CRLA-D2A-5K0	13	for 1,5-2 ml tubes, assorted	5000	
CRLA-D3W-1K0	19	for 15-50 ml tubes, white	1000	
CRLA-D4W-500	25	for 50 ml tubes, white	500	



CRYOGENIC LABELS, RECTANGULAR

Labels for cryogenic storage purposes. Rectangular shape. Withstand extreme cold temperatures from -196 °C - 121 °C. Special material engineered to expand and contract with dramatic temperature changes. Permanent adhesive. Available in rolls in various sizes of one colour or assorted. Can be written on with a pen, pencil, or permanent marker without smearing

astik's

reference	dimensions (mm)	description	pcs/pack	price/pack
CRLA-L1W-1K5	21 x 7	for 0,5 ml tubes, white	1500	
CRLA-L2W-1K0	24 x 13	for 0,5 ml tubes, white	1000	
CRLA-L3W-1K0	33 x 13	for 1,5/2 ml tubes, white	1000	
CRLA-L3B-1K0	33 x 13	for 1,5/2 ml tubes, blue	1000	
CRLA-L3R-1K0	33 x 13	for 1,5/2 ml tubes, red	1000	



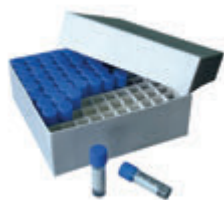
LIQUID NITROGEN HANDLING RECOMMENDATIONS

- Wear appropriate personal protective equipment (PPE) (face shield/goggles, insulated gloves)
- Only use containers & equipment designed for cryogenic liquids. The liquid turn into gas and raises the pressure in the container
- Never trap liquid nitrogen in a container, tubing or piping. Common materials such as plastic or glass can shatter when exposed to liquid nitrogen
- Use liquid nitrogen in well-ventilated areas as the gas could potentially displace oxygen posing a risk of asphyxiation

bb

CARTON FREEZER BOX FOR CRYOTUBES UP TO 2 ml

Delivered already assembled. Suitable for use in ultrafreezers down to -80 °C



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
CBOX-081-001	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) white	1	
CBOX-R81-001	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) red	1	
CBOX-B81-001	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) blue	1	
CBOX-G81-001	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) green	1	
CBOX-Y81-001	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) yellow	1	
CBOX-N81-001	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) orange	1	
CBOX-100-001	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) white	1	
CBOX-10R-001	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) red	1	
CBOX-10B-001	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) blue	1	
CBOX-10G-001	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) green	1	
CBOX-10Y-001	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) yellow	1	
CBOX-10N-001	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) orange	1	
"Saving package"						
CBOX-081-096	47	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) white	96	
CBOX-100-096	47	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) white	96	

bb

CARTON FREEZER BOX FOR 4 ml CRYOTUBES

Delivered already assembled. Suitable for use in ultrafreezers down to -80 °C

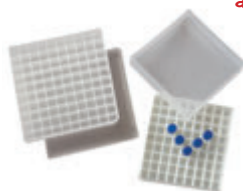


reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
CBOX-082-001	76	134	134	up to 81 tubes ($\varnothing_{\max.}$ 14 mm) white	1	
CBOX-101-001	76	134	134	up to 100 tubes ($\varnothing_{\max.}$ 12 mm) white	1	

astik's

PP FREEZER BOX FOR CRYOTUBES

Made of polypropylene. Autoclavable



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
FBXP-081-001	51	128	128	for 81 tubes up to 1.8 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-100-001	53	140	140	for 100 tubes up to 1.8 ml ($\varnothing_{\max.}$ 12 mm)	1	

astik's

PP FREEZER BOX FOR CRYOTUBES WITH NUMERICAL GRID ON LID

Made of polypropylene with alphanumeric numeration printed on lid and bottom



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
FBXP-B02-001	51	130	130	blue, for 81 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-G02-001	51	130	130	green, for 81 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-R02-001	51	130	130	red, for 81 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-Y02-001	51	130	130	yellow, for 81 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-B10-001	51	134	134	blue, for 100 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-G10-001	51	134	134	green, for 100 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-R10-001	51	134	134	red, for 100 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	
FBXP-Y10-001	51	134	134	yellow, for 100 tubes up to 2 ml ($\varnothing_{\max.}$ 12 mm)	1	

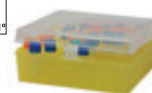
PP FREEZER BOX FOR CRYOTUBES WITH SNAP-ON LID

Made of polypropylene. Suitable for freezing (withstands temperatures from -130 °C up to +130 °C). 100 positions suitable for cryotubes up to 2 ml, microtubes 1,5 or 2 ml and chromatography vials 12 x 32 mm. Lid attached to the base with a hinge. Available in two versions: yellow base and clear lid or blue base and clear lid.

Autoclavable

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
FBXP-K03-001	50	140	140	clear/yellow, for 100 tubes ($\varnothing_{\text{max.}}$ 12 mm)	1	
FBXP-K04-001	50	140	140	clear/blue, for 100 tubes ($\varnothing_{\text{max.}}$ 12 mm)	1	

astik's

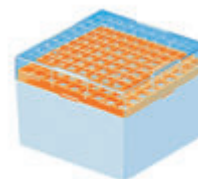


PC FREEZER STORAGE BOXES FOR CRYOTUBES WITH NUMERIC GRADUATION ON LID

Made of Polycarbonate (PC). Orange color. Withstands temperatures from -196 °C up to 121 °C. Printed grid on the lid. Autoclavable

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
FBPC-N02-001	52	133	133	for 81 tubes up to 2 ml ($\varnothing_{\text{max.}}$ 12 mm)	1	
FBPC-N04-001	82	133	133	for 81 tubes up to 4 ml ($\varnothing_{\text{max.}}$ 12 mm)	1	
FBPC-N05-001	95	133	133	for 81 tubes up to 5 ml ($\varnothing_{\text{max.}}$ 12 mm)	1	

astik's



RACKS FOR UPRIGHT FREEZERS

Made of stainless steel. For boxes of 135 x 135 mm. Delivery time 2 weeks

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
RACV-33A-001	165	420	140	for 3 x 3 cryoboxes of 50 mm tall	1	
RACV-43A-001	223	420	140	for 4 x 3 cryoboxes of 50 mm tall	1	
RACV-53A-001	277	420	140	for 5 x 3 cryoboxes of 50 mm tall	1	
RACV-44A-001	223	560	140	for 4 x 4 cryoboxes of 50 mm tall	1	
RACV-54A-001	277	560	140	for 5 x 4 cryoboxes of 50 mm tall	1	
RACV-33B-001	245	420	140	for 3 x 3 cryoboxes of 75 mm tall	1	
RACV-34B-001	245	560	140	for 3 x 4 cryoboxes of 75 mm tall	1	
RACV-23C-001	200	420	140	for 2 x 3 cryoboxes of 95 mm tall	1	
RACV-24C-001	200	560	140	for 2 x 4 cryoboxes of 95 mm tall	1	
RACV-23D-001	265	420	140	for 2 x 3 cryoboxes of 125 mm tall	1	
RACV-24D-001	265	560	140	for 2 x 4 cryoboxes of 125 mm tall	1	

clink



We can supply tailor-made sized racks for freezers. Kindly contact our **Customer Service**

clink **RACKS FOR UPRIGHT FREEZERS WITH REMOVABLE TRAYS**

Made of stainless steel. For boxes of 135 x 135 mm. The removable trays allow to use the carton boxes without having to remove the complete rack. Delivery time 2 weeks



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
RACE-33A-001	170	440	140	for 3 x 3 cryoboxes of 50 mm tall	1	
RACE-43A-001	230	440	140	for 4 x 3 cryoboxes of 50 mm tall	1	
RACE-53A-001	285	440	140	for 5 x 3 cryoboxes of 50 mm tall	1	
RACE-44A-001	230	580	140	for 4 x 4 cryoboxes of 50 mm tall	1	
RACE-54A-001	285	580	140	for 5 x 4 cryoboxes of 50 mm tall	1	
RACE-33B-001	250	440	140	for 3 x 3 cryoboxes of 75 mm tall	1	
RACE-34B-001	250	580	140	for 3 x 4 cryoboxes of 75 mm tall	1	
RACE-23C-001	210	440	140	for 2 x 3 cryoboxes of 95 mm tall	1	
RACE-24C-001	210	580	140	for 2 x 4 cryoboxes of 95 mm tall	1	
RACE-23D-001	275	440	140	for 2 x 3 cryoboxes of 125 mm tall	1	
RACE-24D-001	275	580	140	for 2 x 4 cryoboxes of 125 mm tall	1	

clink **RACKS FOR CHEST FREEZERS**

Made of stainless steel. For boxes of 135 x 135 mm. Delivery time 2 weeks



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
RACH-05A-001	280	140	140	for 5 cryoboxes of 50 mm tall	1	
RACH-07A-001	390	140	140	for 7 cryoboxes of 50 mm tall	1	
RACH-08A-001	445	140	140	for 8 cryoboxes of 50 mm tall	1	
RACH-09A-001	500	140	140	for 9 cryoboxes of 50 mm tall	1	
RACH-10A-001	555	140	140	for 10 cryoboxes of 50 mm tall	1	
RACH-11A-001	610	140	140	for 11 cryoboxes of 50 mm tall	1	
RACH-12A-001	665	140	140	for 12 cryoboxes of 50 mm tall	1	
RACH-13A-001	720	140	140	for 13 cryoboxes of 50 mm tall	1	
RACH-05B-001	405	140	140	for 5 cryoboxes of 75 mm tall	1	
RACH-06B-001	485	140	140	for 6 cryoboxes of 75 mm tall	1	
RACH-07B-001	565	140	140	for 7 cryoboxes of 75 mm tall	1	
RACH-08B-001	645	140	140	for 8 cryoboxes of 75 mm tall	1	
RACH-09B-001	725	140	140	for 9 cryoboxes of 75 mm tall	1	
RACH-04C-001	400	140	140	for 4 cryoboxes of 95 mm tall	1	
RACH-05C-001	500	140	140	for 5 cryoboxes of 95 mm tall	1	
RACH-06C-001	600	140	140	for 6 cryoboxes of 95 mm tall	1	
RACH-07C-001	700	140	140	for 7 cryoboxes of 95 mm tall	1	
RACH-04D-001	525	140	140	for 4 cryoboxes of 125 mm tall	1	
RACH-05D-001	655	140	140	for 5 cryoboxes of 125 mm tall	1	

ISOTHERMAL CONTAINER

Polypropylene (PP) Isothermal container for intensive and professional use. The thermic insulation is ensured by injection of polyurethane between the container walls. Suitable for transporting substances where it is necessary to maintain a constant temperature. Blue/White. Bridge handle with safety blocking mechanism. Temperature range -40 °C to +80 °C

reference	capacity	internal dimensions (l x w x h)	external dimensions (l x w x h)	weight	pcs/pack	price/pack
ISOC-025-001	25 L	370 x 180 x 250 mm	420 x 250 x 350 mm	2 kg	1	
ISOC-032-001	32 L	390 x 230 x 270 mm	440 x 260 x 380 mm	2,5 kg	1	

astik's

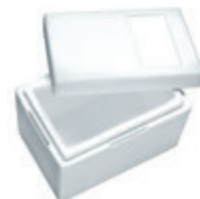


EPS ISOTHERMAL BOX

Expanded polystyrene (EPS) packaging, it optimally isolates products and, due to its thermal properties, guarantees the maintenance of the cold chain. High strength and reduced weight. 100% recyclable material. Not foldable

reference	capacity	internal dimensions (l x w x h)	external dimensions (l x w x h)	thickness	pcs/pack	price/pack
EPSB-035-001	3,5 L	165 x 165 x 130 mm	225 x 225 x 195 mm	30 mm	1	
EPSB-047-001	4,7 L	270 x 140 x 125 mm	330 x 200 x 185 mm	30 mm	1	
EPSB-073-001	7,3 L	270 x 165 x 165 mm	330 x 225 x 225 mm	30 mm	1	

astik's



FLEXIBLE COLD ACCUMULATOR FOR POSITIVE TEMPERATURES

For positive temperatures between 2 °C and 8 °C. Non-toxic gel. Without dyes or additives. Totally safe in case of spillage. Can be completely discarded into any conventional container as it requires no special treatment. Suitable for transporting pharmaceutical, biological, food, chemical, and, in general, for any product that requires temperature controlled during transport

reference	weight	dimensions (mm)	pcs/pack	price/pack
IGPK-250-006	250 g	170 x 125 x 30	6	
IGPK-400-006	400 g	170 x 145 x 30	6	

astik's



STIFF COLD ACCUMULATOR FOR POSITIVE TEMPERATURES

For positive temperatures between 2 °C and 8 °C. Water based eutectic solution and non-toxic glycol. Format very resistant to compression, prevents deformation of the accumulator once frozen and possible breakage and spillage, allows intensive reuse. Can be completely discarded into any conventional container as it requires no special treatment. Suitable for transporting pharmaceutical, biological, food, chemical, and, in general, for any product that requires temperature controlled during transport

reference	weight	dimensions (mm)	pcs/pack	price/pack
ILPK-400-005	400 g	185 x 75 x 35	5	

astik's



ICE BUCKET WITH LID, POLYURETHANE

Blue color. Durable and rigid. Unbreakable in normal use. Convenient handle makes it easy to transport. Excellent insulating properties suitable for use with liquid nitrogen, dry ice, water ice, salt solution and acetone

reference	capacity	dimensions (mm)	pcs/pack	price/pack
ICEP-B01-001	2,5 L	283 x 283 x 130	1	
ICEP-B02-001	4,5 L	280 x 280 x 185	1	

astik's



astik's | **COOLER FOR CENTRIFUGE TUBES**

Designed in PC to keep reagents and enzymes cool. Suitable for a multitude of centrifuge tubes. Red color. Capacity of 12 tubes of up to 15 ml, array of 3 x 4. Protects samples from temperature fluctuations. The base is filled with non-toxic gel. Will maintain temperature approximately for 1 hour on the bench. Freeze for 24 hours at -5 °C to -10 °C prior to use



reference	dimensions (mm)	type	pcs/pack	price/pack
CRYO-R12-001	197 x 140 x 190	3 x 4 array	1	

astik's | **COOLER FOR MICROTUBES**

Designed in PC to keep reagents and enzymes cool. Suitable for a great range of microcentrifuge tubes. Capacity for 12 microtubes of up to 2 ml, array of 3 x 4. Protects samples from temperature fluctuations. The base is filled with non-toxic gel. Yellow color. Will maintain temperature approximately for 1 hour on the bench. Freeze for 24 hours at -20 °C to -25 °C prior to use



reference	dimensions (mm)	type	pcs/pack	price/pack
CRYO-Y12-001	190 x 140 x 120	3 x 4 array	1	

astik's | **COOLER FOR PCR**

This cooler is designed in polycarbonate (PC) to protect enzymes and solutions by maintaining them at temperatures between -20 °C and -15 °C up to 2 hours during sample preparations on the bench. Base is filled with non-toxic gel. Yellow color. The aluminum block has 96 (8 x 12) wells to hold tubes, strips or plates of 0,2ml. Freeze for 24hrs at -20 °C to -25 °C prior to use



reference	dimensions (mm)	type	pcs/pack	price/pack
CRYO-Y96-001	240 x 200 x 145	8 x 12 array	1	

**PLASTIC RESISTANCE TO TEMPERATURE (FOR REGULAR USE)**

Check the following table to find out the temperature ranges that the most commonly used plastics in laboratories and industry can stand

MATERIAL	RANGE
ABS	-40 °C to +85 °C
HDPE	-50 °C to +80 °C
PC	-100 °C to +135 °C
PE	-40 °C to +80 °C
PP	-10 °C to +120 °C
PS	-10 °C to +70 °C
PTFE	-200 °C to +260 °C
PVC	-20 °C to +80 °C
PVDF	-40 °C to +105 °C
LDPE	-50 °C to +75 °C
PA	-30 °C to +80 °C
PMMA	-40 °C to +85 °C
PMP	0 °C to +120 °C
POM	-40 °C to +90 °C
PET	-40 °C a +50 °C



GENERAL LABORATORY

LBC

BEAKER SET, LOW FORM

Contains one unit of each of the following capacities: 50, 100, 250, 500 and 1000 ml. Graduated beakers with spout. Made of borosilicate glass LBG 3.3. According to DIN 12331, ISO 3819



reference	capacities	pcs/pack	price/pack
BKL3-KIT-001	50, 100, 250, 500, 1000 ml	1	

LBC

BEAKER, LOW FORM

Graduated, with spout. Made of borosilicate glass LBG 3.3. According to DIN 12331, ISO 3819



reference	capacity	\varnothing_{ext} (mm)	h (mm)	pcs/pack	price/pack
BKL3-025-001	25 ml	34	54	1	
BKL3-050-001	50 ml	42	62	1	
BKL3-100-001	100 ml	50	72	1	
BKL3-150-001	150 ml	60	82	1	
BKL3-250-001	250 ml	70	97	1	
BKL3-400-001	400 ml	80	113	1	
BKL3-500-001	500 ml	85	118	1	
BKL3-600-001	600 ml	90	128	1	
BKL3-800-001	800 ml	100	138	1	
BKL3-1K0-001	1000 ml	105	148	1	
BKL3-2K0-001	2000 ml	130	188	1	
BKL3-3K0-001	3000 ml	150	214	1	
BKL3-5K0-001	5000 ml	170	274	1	
"Saving package"					
BKL3-025-012	25 ml	34	54	12	
BKL3-050-012	50 ml	42	62	12	
BKL3-100-012	100 ml	50	72	12	
BKL3-150-012	150 ml	60	82	12	
BKL3-250-012	250 ml	70	97	12	
BKL3-400-006	400 ml	80	113	6	
BKL3-500-006	500 ml	85	118	6	
BKL3-600-006	600 ml	90	128	6	
BKL3-800-006	800 ml	100	138	6	
BKL3-1K0-006	1000 ml	105	148	6	
BKL3-2K0-012	2000 ml	130	188	12	

**BEAKERS AND ERLERMAYER FLASKS PER UNIT**

Some of our most popular beakers and Erlenmeyer flasks are now also available per unit. Multi-unit packages are still available as "saving packages". This novelty applies to our references BKL3, BKT3, EFN3, and EFW3.

BEAKER, LOW FORM

Made of 3.3 borosilicate glass (upper grade). Graduated and with spout. According to DIN 12331 and ISO 3819



reference	capacity	\varnothing_{ext} (mm)	h (mm)	pcs/pack	price/pack
BKLG-025-010	25 ml	34	51	10	
BKLG-050-012	50 ml	42	60	12	
BKLG-100-012	100 ml	50	70	12	
BKLG-150-010	150 ml	60	88	10	
BKLG-250-012	250 ml	70	95	12	
BKLG-400-010	400 ml	80	110	10	
BKLG-600-006	600 ml	90	125	6	
BKLG-1K0-006	1000 ml	105	157	6	
BKLG-2K0-004	2000 ml	132	185	4	
BKLG-3K0-001	3000 ml	152	210	1	
BKLG-5K0-001	5000 ml	170	270	1	
BKLG-10K-001	10000 ml	220	350	1	

**BEAKER, TALL FORM**

Graduated, with spout. Made of borosilicate glass LBG 3.3. According to DIN 12331, ISO 3819



reference	capacity	\varnothing_{ext} (mm)	h (mm)	pcs/pack	price/pack
BKT3-050-001	50 ml	38	72	1	
BKT3-100-001	100 ml	48	82	1	
BKT3-150-001	150 ml	54	97	1	
BKT3-250-001	250 ml	60	123	1	
BKT3-400-001	400 ml	70	133	1	
BKT3-500-001	500 ml	79	140	1	
BKT3-600-001	600 ml	80	153	1	
BKT3-800-001	800 ml	90	178	1	
BKT3-1K0-001	1000 ml	95	183	1	
BKT3-2K0-001	2000 ml	120	244	1	
"Saving package"					
BKT3-050-012	50 ml	38	72	12	
BKT3-100-012	100 ml	48	82	12	
BKT3-150-012	150 ml	54	97	12	
BKT3-250-012	250 ml	60	123	12	
BKT3-400-006	400 ml	70	133	6	
BKT3-500-006	500 ml	79	140	6	
BKT3-600-006	600 ml	80	153	6	
BKT3-800-006	800 ml	90	178	6	
BKT3-1K0-006	1000 ml	95	183	6	
BKT3-2K0-012	2000 ml	120	244	12	





BEAKER, TALL FORM



Made of 3.3 borosilicate glass (upper grade). Graduated, with spout. According to DIN 12331 and ISO 3819

reference	capacity	Ø _{ext} (mm)	h (mm)	pcs/pack	price/pack
BKTG-050-010	50 ml	38	70	10	
BKTG-100-010	100 ml	48	80	10	
BKTG-250-010	250 ml	60	120	10	
BKTG-600-008	600 ml	80	150	6	



THICK-WALLED BEAKER, LOW FORM WITH DOUBLE CAPACITY SCALE



Made of 3.3 borosilicate glass. These beakers are stronger than standard beakers. High mechanical resistance thanks to a thick and reinforced wall, which is less prone to breakage during washing, has longer life time and increased user safety. Graduated and with spout. According to ISO 3819



reference	capacity	graduation	graduation range	pcs/pack	price/pack
BKLH-050-010	50 ml	5 ml	5 - 40 ml	10	
BKLH-150-010	150 ml	15 ml	15 - 120 ml	10	
BKLH-250-010	250 ml	25 ml	25 - 200 ml	10	
BKLH-400-006	400 ml	25 ml	25 - 300 ml	6	
BKLH-600-006	600 ml	50 ml	50 - 500 ml	6	
BKLH-1K0-001	1000 ml	50 ml	100 - 900 ml	1	
BKLH-2K0-001	2000 ml	100 ml	200 - 1800 ml	1	
BKLH-4K0-001	4000 ml	250 ml	500 - 3500 ml	1	



THICK-WALLED BEAKER, LOW FORM WITH DOUBLE CAPACITY SCALE



Made of 3.3 borosilicate glass (upper grade). These beakers are stronger than standard beakers. High mechanical resistance thanks to their thick and reinforced wall. They are less prone to breakage during washing, have a longer lifespan and provide increased user safety. Graduated and with a spout. According to ASTM E 438 and ASTM E 960. Caution: This glassware is not recommended for use on hot plates



reference	capacity	graduation	graduation range	pcs/pack	price/pack
BKLR-250-012	250 ml	25 ml	25 - 200 ml	12	
BKLR-400-012	400 ml	25 ml	25 - 325 ml	12	
BKLR-600-006	600 ml	50 ml	100 - 500 ml	6	
BKLR-1K0-006	1000 ml	50 ml	100 - 900 ml	6	
BKLR-2K0-004	2000 ml	200 ml	200 - 1800 ml	4	
BKLR-4K0-001	4000 ml	250 ml	250 - 3500 ml	1	

BEAKER, PTFE

Without graduations. Withstands temperatures up to 280 °C

reference	capacity	\varnothing_{ext} (mm)	h (mm)	pcs/pack	price/pack
BKLT-025-001	25 ml	32	47	1	
BKLT-050-001	50 ml	43	55	1	
BKLT-100-001	100 ml	54	68	1	
BKLT-250-001	250 ml	66	97	1	
BKLT-500-001	500 ml	80	125	1	
BKLT-1K0-001	1000 ml	100	155	1	
BKLT-2K0-001	2000 ml	120	210	1	

astilK's

**BEAKER, POLYPROPYLENE**

With raised graduations. Autoclavable at 121 °C. According to ISO 7056

reference	capacity	graduation	\varnothing_{ext} (mm)	h (mm)	pcs/pack	price/pack
BKLP-025-012	25 ml	5 ml	35	50	12	
BKLP-050-012	50 ml	5 ml	45	60	12	
BKLP-100-012	100 ml	5 ml	55	70	12	
BKLP-250-012	250 ml	10 ml	75	100	12	
BKLP-500-012	500 ml	10 ml	95	120	12	
BKLP-1K0-006	1000 ml	20 ml	115	150	6	
BKLP-2K0-006	2000 ml	50 ml	145	185	6	
BKLP-5K0-002	5000 ml	200 ml	180	260	2	

astilK's

**BEAKER, LOW FORM, PMP**

Made of Polymethylpentene (PMP/TPX®). Higher transparency, chemical resistance and better heat tolerance than PP. Temperature range: -20 °C to +121 °C. Autoclavable. Easy to read silk screened graduations. Stackable. According to ISO 7056:1981

reference	capacity	graduation	\varnothing_{ext} (mm)	h (mm)	pcs/pack	price/pack
BKLX-050-012	50 ml	5 ml	49,4	58,4	12	
BKLX-100-012	100 ml	10 ml	63,2	72,5	12	
BKLX-250-006	250 ml	25 ml	83,1	92,1	6	
BKLX-600-004	600 ml	50 ml	110,3	131	4	
BKLX-1K0-003	1000 ml	50 ml	129,4	149,2	3	
BKLX-2K0-001	2000 ml	100 ml	158,5	190,2	1	
BKLX-5K0-001	5000 ml	500 ml	202,9	260,5	1	
BKLX-10K-001	10000 ml	1000 ml	255,4	326,6	1	

astilK's



clink

BEAKER, STAINLESS STEEL

With rim and spout. Without graduations. Reference BKLS-5KA-001 has a handle



reference	capacity	$\varnothing_{\text{inner}}$ (mm)	h (mm)	pcs/pack	price/pack
BKLS-100-001	100 ml	50	60	1	
BKLS-250-001	250 ml	65	85	1	
BKLS-500-001	500 ml	80	110	1	
BKLS-1K0-001	1000 ml	100	130	1	
BKLS-3K0-001	3000 ml	150	180	1	
BKLS-5KA-001	5000 ml	180	210	1	

LBG

ERLENMEYER FLASK, NARROW NECK

Graduated. Made of borosilicate glass LBG 3.3. According to DIN 12380, ISO 1773



reference	capacity	$\varnothing_{\text{base}}$ (mm)	h (mm)	$\varnothing_{\text{inner mouth}}$ (mm)	pcs/pack	price/pack
EFN3-025-001	25 ml	42	70	16	1	
EFN3-050-001	50 ml	51	85	18	1	
EFN3-100-001	100 ml	64	105	26	1	
EFN3-250-001	250 ml	85	140	30	1	
EFN3-500-001	500 ml	105	175	30	1	
EFN3-1K0-001	1000 ml	131	220	38	1	
EFN3-2K0-001	2000 ml	166	280	40	1	
EFN3-3K0-001	3000 ml	187	310	44	1	
EFN3-5K0-001	5000 ml	220	365	55	1	
"Saving package"						
EFN3-025-012	25 ml	42	70	16	12	
EFN3-050-012	50 ml	51	85	18	12	
EFN3-100-012	100 ml	64	105	26	12	
EFN3-250-012	250 ml	85	140	30	12	
EFN3-500-008	500 ml	105	175	30	8	
EFN3-1K0-006	1000 ml	131	220	38	6	

ERLENMEYER

ERLENMEYER FLASK, NARROW NECK

Graduated. Made of top quality 3.3 borosilicate glass. According to DIN 12380, ISO 1773



reference	capacity	$\varnothing_{\text{base}}$ (mm)	h (mm)	$\varnothing_{\text{outer mouth}}$ (mm)	pcs/pack	price/pack
EFNG-025-010	25 ml	42	75	22	10	
EFNG-050-010	50 ml	51	90	22	10	
EFNG-100-010	100 ml	64	105	22	10	
EFNG-250-010	250 ml	85	145	34	10	
EFNG-500-010	500 ml	105	180	34	10	
EFNG-1K0-010	1000 ml	131	220	34	10	
EFNG-2K0-006	2000 ml	166	280	50	6	
EFNG-3K0-001	3000 ml	187	310	52	1	
EFNG-5K0-001	5000 ml	220	365	52	1	

ERLENMEYER FLASK, WIDE NECK

Graduated. Made of borosilicate glass LBG 3.3. According to DIN 12385

reference	capacity	$\varnothing_{\text{base}}$ (mm)	h (mm)	$\varnothing_{\text{outer mouth}}$ (mm)	pcs/pack	price/pack
EFW3-050-001	50 ml	51	85	34	1	
EFW3-100-001	100 ml	64	105	34	1	
EFW3-150-001	150 ml	72	120	50	1	
EFW3-250-001	250 ml	85	140	50	1	
EFW3-500-001	500 ml	105	175	50	1	
EFW3-1K0-001	1000 ml	131	220	50	1	
EFW3-2K0-001	2000 ml	166	275	72	1	
EFW3-3K0-001	3000 ml	191	285	106	1	
"Saving package"						
EFW3-050-012	50 ml	51	85	34	12	
EFW3-100-012	100 ml	64	105	34	12	
EFW3-150-012	150 ml	72	120	50	12	
EFW3-250-010	250 ml	85	140	50	10	
EFW3-500-008	500 ml	105	175	50	8	
EFW3-1K0-006	1000 ml	131	220	50	6	

LBG

**ERLENMEYER FLASK, WIDE NECK**

Graduated. Made of top quality 3.3 borosilicate glass. According to DIN 12385, EN ISO 24450

reference	capacity	$\varnothing_{\text{base}}$ (mm)	h (mm)	$\varnothing_{\text{outer mouth}}$ (mm)	pcs/pack	price/pack
EFWG-050-010	50 ml	51	85	34	10	
EFWG-100-010	100 ml	64	105	34	10	
EFWG-250-010	250 ml	85	145	50	10	
EFWG-500-010	500 ml	105	180	50	10	
EFWG-1K0-010	1000 ml	131	220	50	10	
EFWG-2K0-006	2000 ml	166	276	76	6	

**ERLENMEYER FLASK WITH GL THREAD AND SCREW CAP**

Made of top quality 3.3 borosilicate glass. With GL thread and screw cap with a PTFE joint. According to DIN 12380, ISO 1773

reference	capacity	$\varnothing_{\text{base}}$ (mm)	h (mm)	thread	pcs/pack	price/pack
EFS3-051-010	50 ml	51	85	GL 25	10	
EFS3-101-010	100 ml	64	114	GL 25	10	
EFS3-251-010	250 ml	85	143	GL 32	10	
EFS3-501-010	500 ml	105	183	GL 32	10	
EFS3-1K1-006	1000 ml	131	230	GL 32	6	





astik's

**ERLENMEYER, POLYPROPYLENE**

With screw cap. Autoclavable at 121 °C

reference	capacity	∅ _{base} (mm)	h (mm)	∅ _{out. mouth} (mm)	∅ _{inn. mouth} (mm)	description	pcs/pack	price/pack
EFSP-101-012	100 ml	65	110	35,8	32,3	graduated	12	
EFSP-251-012	250 ml	85	150	48	44	graduated	12	
EFSP-500-012	500 ml	106	185	48	44	non graduated	12	



Kartell

**ERLENMEYER FLASK, POLYPROPYLENE**

Standardized neck. Ideal for general laboratory use. Autoclavable at 121 °C (15 - 20 min)

reference	capacity	graduation (mm)	mouth	∅ _{base} (mm)	h (mm)	pcs/pack	price/pack
EFJP-050-005	50 ml	5 ml	14/23	50	75	5	
EFJP-125-005	125 ml	25 ml	14/23	65	105	5	
EFJP-250-005	250 ml	25 ml	19/26	80	140	5	
EFJP-500-002	500 ml	50 ml	24/29	100	185	2	
EFJP-1K0-002	1000 ml	50 ml	29/32	130	235	2	
EFJP-2K0-001	2000 ml	100 ml	29/32	160	260	1	

bb

CLOSED LEAD RING

Made of PVC coated steel. Designed to stabilize erlenmeyer flasks immersed in water

reference	∅ _{inside} (mm)	∅ _{outer} (mm)	weight (g)	type	pcs/pack	price/pack
WEIR-048-001	48	82	260	for 125 - 500 ml narrow neck flasks	1	
WEIR-056-001	56	90	520	for 250 - 1000 ml narrow neck flasks	1	
WEIR-061-001	61	95	830	for 500 - 2000 ml narrow neck flasks	1	
WEIR-074-001	74	108	1000	for 1000 - 4000 ml narrow neck flasks	1	

LBC

KJELDAHL FLASK

For nitrogen determination. Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h _{total} (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
NFL3-100-006	100 ml	60	200	22	6	
NFL3-250-002	250 ml	81	270	34	2	
NFL3-500-002	500 ml	101	300	34	2	

LBC

BOILING FLASK, ROUND BOTTOM, NARROW NECK

Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h _{total} (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
BFK3-050-012	50 ml	53	100	20	12	
BFK3-100-012	100 ml	63	120	21	12	
BFK3-250-012	250 ml	88	165	25	12	
BFK3-500-008	500 ml	110	210	30	8	
BFK3-1K0-006	1000 ml	140	260	35	6	
BFK3-2K0-002	2000 ml	175	305	46	2	



BOILING FLASK, FLAT BOTTOM, NARROW NECK

Made of borosilicate glass LBG 3.3

reference	capacity	∅ (mm)	h _{total} (mm)	∅ _{inn. mouth} (mm)	pcs/pack	price/pack
BFG3-050-012	50 ml	53	108	18	12	
BFG3-100-012	100 ml	62	108	21	12	
BFG3-250-012	250 ml	88	152	34	12	
BFG3-500-008	500 ml	106	172	28	8	
BFG3-1K0-006	1000 ml	130	205	28	6	
BFG3-2K0-002	2000 ml	160	246	40	2	
BFG3-3K0-001	3000 ml	185	365	45	1	

LBG

**MEASURING JUG, POLYPROPYLENE**

With raised graduation. Autoclavable at 121 °C

reference	capacity	graduation	∅ _{outer top} (mm)	h (mm)	pcs/pack	price/pack
MJUP-250-012	250 ml	10 ml	75	95	12	
MJUP-500-012	500 ml	25 ml	95	118	12	
MJUP-1K0-006	1000 ml	50 ml	120	132	6	
MJUP-2K0-006	2000 ml	100 ml	145	165	6	
MJUP-3K0-006	3000 ml	100 ml	170	185	6	
MJUP-5K0-004	5000 ml	250 ml	190	225	4	

astilK's

**CONICAL PRESSED MEASURING FLASK**

Made of soda-lime glass. Raised scale

reference	capacity	∅ _{outer top} (mm)	h (mm)	pcs/pack	price/pack
COMN-060-001	60 ml	60	102	1	
COMN-125-001	125 ml	87	115	1	
COMN-250-001	250 ml	108	148	1	
COMN-500-001	500 ml	124	166	1	

LBG

**PORCELAIN MORTAR WITH PESTLE PREMIUM LINE**

Made of upper grade porcelain. Unglazed inside but fine polished. Price includes mortar and pestle. You can find spare "Pestle for porcelain mortar" on our website

reference	capacity	∅ _{outer top} (mm)	∅ _{inner top} (mm)	h (mm)	pcs/pack	price/pack
MORK-060-001	60 ml	80	60	44	1	
MORK-100-001	100 ml	90	75	48	1	
MORK-150-001	150 ml	105	85	70	1	
MORK-275-001	275 ml	125	100	70	1	
MORK-550-001	550 ml	155	125	88	1	
MORK-900-001	900 ml	180	150	100	1	
MORK-1K5-001	1500 ml	200	175	115	1	
MORK-2K0-001	2000 ml	230	175	140	1	
MORK-4K2-001	4200 ml	285	250	175	1	

HDN
ceramics

LBG

GLASS MORTAR WITH PESTLE *PREMIUM LINE*

Made of soda-lime glass. Glazed inside and outside. Price includes mortar and pestle



reference	capacity	\varnothing_{top} (mm)	l_{pestle} (mm)	pcs/pack	price/pack
MORV-050-001	50 ml	60	80	1	
MORV-100-001	100 ml	80	100	1	
MORV-250-001	250 ml	100	120	1	
MORV-500-001	500 ml	120	140	1	
MORV-1K0-001	1000 ml	150	160	1	

LBG

GLASS MORTAR WITH PESTLE

Made of neutral glass LBG N. Price includes mortar and pestle. With rough inner surface (unglazed)



reference	capacity	$\varnothing_{\text{outer top}}$ (mm)	$\varnothing_{\text{inner top}}$ (mm)	h_{total} (mm)	pcs/pack	price/pack
MORN-060-001	40 ml	70	60	40	1	
MORN-075-001	75 ml	85	75	50	1	
MORN-090-001	160 ml	100	90	60	1	
MORN-120-001	300 ml	130	120	75	1	
MORN-150-001	650 ml	165	150	85	1	
MORN-180-001	1100 ml	195	180	100	1	

clink

STAINLESS STEEL MORTAR WITH PESTLE

Made of 304 stainless steel. Price includes mortar and pestle



reference	capacity	\varnothing (mm)	h_{inner} (mm)	h_{total} (mm)	pcs/pack	price/pack
MORA-070-001	750 ml	140	80	105	1	
MORA-100-001	1800 ml	180	110	140	1	
MORA-200-001	2300 ml	200	120	150	1	

HDN
ceramics**AGATE MORTAR WITH PESTLE *PREMIUM LINE***

Mortar with hexagonal shape made of high hardness and abrasion resistant agate. The hardness is 7 on the Mohs scale and 83 on the Rockwell scale (45N). Inner and outer surfaces fine polished. Price includes mortar and pestle. Due to the manufacturing process of these mortars, the dimensions mentioned in catalog are approximate and could be subject to change



reference	capacity	$\varnothing_{\text{outer}}$ (mm)	$\varnothing_{\text{inner}}$ (mm)	h (mm)	pcs/pack	price/pack
MORG-050-001	10 ml	50	38	28	1	
MORG-078-001	22 ml	76	63	35	1	
MORG-100-001	50 ml	100	88	41	1	
MORG-115-001	90 ml	114	100	43	1	
MORG-125-001	120 ml	125	114	65	1	

HIGH ALUMINA MORTAR WITH PESTLE *PREMIUM LINE*

Aluminum oxide (99.7% Al₂O₃) mortar with a high resistance to corrosion by chemical substances and a high degree of hardness. The hardness is 7 on the Mohs scale and 83 on the Rockwell scale (45N). Recommended for the use with liquid nitrogen. Price includes mortar and pestle

reference	capacity	∅ _{outer} (mm)	∅ _{inner} (mm)	h (mm)	pcs/pack	price/pack
MORL-050-001	30	50	45	25	1	
MORL-075-001	60	75	68	40	1	
MORL-100-001	160	100	95	50	1	
MORL-125-001	400	125	116	75	1	
MORL-150-001	550	150	140	80	1	

HDN
ceramics

**CRYSTALLIZING DISH WITH SPOUT**

Made of borosilicate glass LBG 3.3

reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
CDI3-080-006	80 ml	60	40	6	
CDI3-200-006	200 ml	90	45	6	
CDI3-300-006	300 ml	100	50	6	
CDI3-600-002	600 ml	125	63	2	
CDI3-1K0-002	1000 ml	150	75	2	
CDI3-2K0-002	2000 ml	180	90	2	

LBG

**CRYSTALLIZING DISH, THICK GLASS**

Made of soda-lime glass

reference	capacity	∅ _{inner} (mm)	h _{total} (mm)	h _{int.} (mm)	pcs/pack	price/pack
CDIN-1K5-001	1200 ml	150	90	69	1	
CDIN-2K5-001	2100 ml	180	100	90	1	
CDIN-3K8-001	3300 ml	210	110	100	1	

LBG

**CRYSTALLIZING DISH, HIGH VOLUME, POLYPROPYLENE**

Without spout. Autoclavable at 121 °C

reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
CDIP-1K5-001	1500 ml	180	60	1	
CDIP-3K0-001	3000 ml	200	100	1	
CDIP-4K9-001	4900 ml	250	100	1	

astik's

**EVAPORATING DISH, GLASS, FLAT BOTTOM**

With spout. Made of borosilicate glass LBG 3.3

reference	capacity	∅ _{top} (mm)	h (mm)	pcs/pack	price/pack
EDF3-045-006	45 ml	60	30	6	
EDF3-100-006	100 ml	90	45	6	
EDF3-300-002	300 ml	120	60	2	
EDF3-600-002	600 ml	150	75	2	

LBG



clink

STAINLESS STEEL BOWL

With lip, flat bottom



reference	capacity	∅ _{top} (mm)	∅ _{base} (mm)	h (mm)	pcs/pack	price/pack
EDFS-070-001	70 ml	60	29	35	1	
EDFS-150-001	160 ml	80	40	45	1	
EDFS-300-001	250 ml	100	53	55	1	
EDFS-500-001	400 ml	120	72	60	1	
EDFS-1K0-001	1000 ml	180	90	85	1	
EDFS-2K0-001	2000 ml	200	95	100	1	

HDN
ceramics**EVAPORATING DISH, PORCELAIN, ROUND BOTTOM PREMIUM LINE**

Made of top quality porcelain. Withstands temperatures up to 1150 °C. Round form with lip. Glazed inside



reference	capacity	∅ _{top} (mm)	h (mm)	pcs/pack	price/pack
EVRK-035-006	35 ml	60	22	6	
EVRK-070-006	70 ml	75	30	6	
EVRK-120-006	120 ml	94	42	6	
EVRK-250-006	250 ml	115	47	6	
EVRK-385-001	385 ml	145	52	1	
EVRK-525-001	525 ml	162	52	1	
EVRK-765-001	765 ml	185	60	1	
EVRK-1K3-001	1285 ml	215	80	1	

HDN
ceramics**EVAPORATING DISH, PORCELAIN, FLAT BOTTOM PREMIUM LINE**

Made of top quality porcelain. Withstands temperatures up to 1150 °C. Shallow form with lip. Glazed inside



reference	capacity	∅ _{top} (mm)	h (mm)	pcs/pack	price/pack
EVFK-035-006	35 ml	70	18	6	
EVFK-050-006	50 ml	85	20	6	
EVFK-080-006	80 ml	95	24	6	
EVFK-100-006	100 ml	110	26	6	
EVFK-200-006	200 ml	125	33	6	
EVFK-300-006	300 ml	155	33	6	
EVFK-500-001	500 ml	180	35	1	
EVFK-1K0-001	1000 ml	210	38	1	

astik's

EVAPORATING DISH, LOW FORM, PTFE

Manufactured from pure PTFE with a smooth internal finish. Chemically inert, usable at up to 280 °C



reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
EDLT-050-001	50 ml	82	15	1	
EDLT-100-001	100 ml	102	20	1	
EDLT-350-001	350 ml	132	36	1	

MELTING POINT CAPILLARY TUBES

Made of borosilicate glass LBG 3.3. Available with one sealed end (A) and with two open ends (B). Tubes with two open ends (B) can also be used for sample transfer to thin-layer chromatography plates (TLC)

reference	l (mm)	\varnothing _{inner} (mm)	\varnothing _{outer} (mm)	type	pcs/pack	price/pack
MPC3-090-500	90	1,1 - 1,2	1,5 - 1,6	A	500	
MPC3-092-500	90	1,1 - 1,2	1,5 - 1,6	B	500	

LBG



THIELE MELTING POINT TUBE

Made of borosilicate glass LBG 3.3

reference	\varnothing _{tube} (mm)	\varnothing _{side} (mm)	h (mm)	pcs/pack	price/pack
MPT3-150-005	22	10	150	5	

LBG



DRYING TUBE, U-SHAPE

Made of borosilicate glass LBG 3.3

reference	\varnothing _{outer} (mm)	\varnothing _{inner} (mm)	h (mm)	type	pcs/pack	price/pack
DRU3-150-001	15	11,8	150	without side hose (A)	1	
DRU3-151-001	15	11,8	150	with \varnothing 6 mm side hose (B)	1	

LBG



WATCH GLASS DISH

Made of neutral glass LBG N

reference	\varnothing (mm)	pcs/pack	price/pack
WDIN-045-010	45	10	
WDIN-060-010	60	10	
WDIN-080-010	80	10	
WDIN-100-010	100	10	
WDIN-120-010	120	10	
WDIN-150-010	150	10	
WDIN-180-010	180	10	

LBG



WATCH GLASS DISH PREMIUM LINE

Made of soda-lime glass. Glazed rims. According to DIN 12341

reference	\varnothing (mm)	pcs/pack	price/pack
WDIN-P40-010	40	10	
WDIN-P60-010	60	10	
WDIN-P80-010	80	10	
WDIN-10P-010	100	10	
WDIN-12P-010	125	10	
WDIN-15P-010	150	10	
WDIN-20P-010	200	10	

LBG



astik's

WATCH GLASS DISH, PTFE

Ideally suited for covering beakers. Isostatically molded in pure, FDA approved, PTFE. Totally chemically resistant and inert. Use up to 280 °C



reference	∅ (mm)	pcs/pack	price/pack
PTFW-020-001	20	1	
PTFW-030-001	30	1	
PTFW-040-001	40	1	
PTFW-050-001	50	1	
PTFW-065-001	65	1	
PTFW-075-001	75	1	
PTFW-080-001	80	1	
PTFW-100-001	100	1	
PTFW-125-001	125	1	
PTFW-150-001	150	1	
PTFW-200-001	200	1	

LBG

WEIGHING BOTTLE, LOW FORM, WITH LID

Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
WBL3-030-006	10 ml	30	20	6	
WBL3-035-006	18 ml	35	25	6	
WBL3-040-006	30 ml	40	30	6	
WBL3-050-006	50 ml	50	30	6	
WBL3-060-006	75 ml	60	30	6	
WBL3-070-006	145 ml	70	40	6	

LBG

WEIGHING BOTTLE, TALL FORM, WITH LID

Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
WBT3-024-006	8 ml	25	25	6	
WBT3-025-006	15 ml	25	40	6	
WBT3-030-006	30 ml	30	50	6	
WBT3-040-006	55 ml	40	50	6	
WBT3-045-006	100 ml	45	70	6	

astik's

WEIGHING BOTTLE, PP, WITH LID

Transparent. With hermetic seal lid. Cylindrical shape



reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
WBLP-030-012	30 ml	34	73	12	
WBLP-050-012	50 ml	54	52	12	

DESICCATOR WITH KNOBBED LID

Polypropylene base and polycarbonate transparent lid. Includes a silicon ring between lid and base to ensure sealing. Polypropylene plate included. See the spare parts available for these desiccators on our website:

reference	description	pcs/pack	price/pack
DE1P-200-001	desiccator \varnothing 200 mm	1	
DE1P-250-001	desiccator \varnothing 250 mm	1	
DE1P-300-001	desiccator \varnothing 300 mm	1	

astik's



VACUUM TYPE DESICCATOR, PLASTIC STOPCOCK

Polypropylene base and polycarbonate transparent lid. With a basket for desiccant (only available for 200 mm diameter and 250 mm diameter models). Includes a silicon ring between lid and base to ensure sealing. Connector for 10 mm (200 and 250 models) and 8 mm (300 model) inner diameter tubing. Polypropylene plate included. See the spare parts available for these desiccators on our website

reference	description	pcs/pack	price/pack
DE2P-200-001	desiccator \varnothing 200 mm (A)	1	
DE2P-250-001	desiccator \varnothing 250 mm (A)	1	
DE2P-300-001	desiccator \varnothing 300 mm (B)	1	

astik's



SPARE PARTS FOR PLASTIC DESICCATORS

For desiccators with knobbed lid (DE1P) and vacuum type desiccators (DE2P)

reference	description	pcs/pack	price/pack
DEPP-201-001	plate for DE1P-200-001 desiccator	1	
DEPP-200-001	plate for DE2P-200-001 desiccator	1	
DEPP-251-001	plate for DE1P-250-001 desiccator	1	
DEPP-250-001	plate for DE2P-250-001 desiccator	1	
DEPP-300-001	plate for DE1P-300-001 and DE2P-300-001 desiccators	1	

astik's



DESICCATOR, GLASS *BASIC LINE*

Made of neutral glass LBG N. Porcelain plate included

reference	capacity	$\varnothing_{\text{body}}$ (mm)	$\varnothing_{\text{plate}}$ (mm)	h_{total} (mm)	pcs/pack	price/pack
DE01-150-002	1,5 L	150	135	220	2	
DE01-200-001	4 L	210	180	300	1	
DE01-250-001	6 L	240	210	350	1	
DE01-300-001	10 L	300	275	400	1	

LBG



Spare knobbed lid

DEL1-150-001	for DE01-150-002 (\varnothing_{ext} : 210 mm and \varnothing_{int} : 150 mm)	1	
DEL1-200-001	for DE01-200-001 (\varnothing_{ext} : 269 mm and \varnothing_{int} : 218 mm)	1	
DEL1-250-001	for DE01-250-001 (\varnothing_{ext} : 306 mm and \varnothing_{int} : 247 mm)	1	
DEL1-300-001	for DE01-300-001 (\varnothing_{ext} : 366 mm and \varnothing_{int} : 303 mm)	1	


LBG | **VACUUM TYPE DESICCATOR, GLASS STOPCOCK AND LID** *BASIC LINE*

Made of neutral glass LBG N. Porcelain plate included. Connector for 8 mm inner diameter tubing

reference	capacity	Ø _{body} (mm)	Ø _{plate} (mm)	h _{total} (mm)	pcs/pack	price/pack
DE02-150-002	1,5 L	150	135	220	2	
DE02-200-001	4 L	210	180	308	1	
DE02-250-001	6 L	240	210	358	1	
DE02-300-001	10 L	300	275	408	1	
Spare lid with glass stopcock						
DEL2-150-001	for DE02-150-002 (Øext: 210 mm and Øint: 150 mm)				1	
DEL2-200-001	for DE02-200-001 (Øext: 269 mm and Øint: 218 mm)				1	
DEL2-250-001	for DE02-250-001 (Øext: 306 mm and Øint: 247 mm)				1	
DEL2-300-001	for DE02-300-001 (Øext: 366 mm and Øint: 303 mm)				1	


LBG | **DESICCATOR WITH KNOBBED LID** *PREMIUM LINE*

Made of soda glass. Porcelain plate included

reference	capacity	Ø _{body} (mm)	Ø _{plate} (mm)	h _{total} (mm)	pcs/pack	price/pack
DE06-150-001	1,5 L	150	145	225	1	
DE06-200-001	4 L	200	195	240	1	
DE06-250-001	6 L	250	240	280	1	
DE06-300-001	10 L	300	275	415	1	
Spare knobbed lid						
DEL6-150-001	for DE06-150-001				1	
DEL6-200-001	for DE06-200-001				1	
DEL6-250-001	for DE06-250-001				1	
DEL6-300-001	for DE06-300-001				1	


LBG | **VACUUM TYPE DESICCATOR, GLASS STOPCOCK AND LID** *PREMIUM LINE*

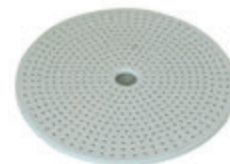
Made of soda glass. Porcelain plate included. Connector for 8 mm inner diameter tubing

reference	capacity	Ø _{body} (mm)	Ø _{plate} (mm)	h _{total} (mm)	pcs/pack	price/pack
DE05-150-001	1,5 L	150	145	225	1	
DE05-200-001	4 L	200	195	240	1	
DE05-250-001	6 L	250	240	280	1	
DE05-300-001	10 L	300	275	415	1	
Spare lid with glass stopcock						
DEL5-150-001	for DE05-150-001				1	
DEL5-200-001	for DE05-200-001				1	
DEL5-250-001	for DE05-250-001				1	
DEL5-300-001	for DE05-300-001				1	
Spare parts						
DE05-A01-001	glass stopcock				1	

DESICCATOR PLATE, PORCELAIN *PREMIUM LINE*

Made of top quality porcelain. Withstands temperatures up to 1150 °C. High chemical resistance. Suitable for any standard desiccator and for Basic Line desiccators. Glazed on one side. Autoclavable

reference	∅ (mm)	pcs/pack	price/pack
DEPK-140-001	140	1	
DEPK-190-001	190	1	
DEPK-210-001	210	1	
DEPK-275-001	275	1	

**VACUUM TYPE DESICCATOR WITH LID AND LATERAL HOSE *PREMIUM LINE***

Made of soda glass. Porcelain plate included. Connector for 8 mm inner diameter tubing

reference	capacity	∅ _{body} (mm)	∅ _{plate} (mm)	h _{total} (mm)	pcs/pack	price/pack
DE07-150-001	1,5 L	150	145	225	1	
DE07-200-001	4 L	200	195	240	1	
DE07-250-001	6 L	250	240	280	1	
DE07-300-001	10 L	300	275	415	1	



Replacement lid with rotating sleeve valve

DEL7-150-001	for DE07-150-001	1	
DEL7-200-001	for DE07-200-001	1	
DEL7-250-001	for DE07-250-001	1	
DEL7-300-001	for DE07-300-001	1	

SILICA GEL FOR DESICCATORS

With indicator changing from orange to green when absorbing humidity. Orange indicator is classified as "non toxic", avoiding to use the common blue silica gel including cobalt chloride as indicator (cobalt chloride is classified as "toxic"). Water absorption: (RH20%; 7 min) ≥ 9.0% / (RH50%; 19 min) ≥ 19% / (RH90%; 26 min) ≥ 26.0%. Regeneration: 100-120 °C (aprox. 1 hour)

reference	particle size	package	price/pack
SGE0-002-1K0	2 - 4 mm	1 kg	
SGE0-002-3K0	2 - 4 mm	3 kg	

**PARAFILM M SEALING FILM**

Sealing film made of polyolefines and paraffin waxes. Service temperature from -45 °C up to +50 °C (melting point +60 °C). Resistant to saline solutions, most common inorganic acids and bases used in laboratory and some organics solvents (methanol, ethanol and 2-propanol). Not resistant to diethylether, chloroform, carbon tetrachloride, benzene or toluene



reference	description	pcs/pack	price/pack
PRFL-001-001	38 m x 10 cm roll	1	
PRFL-002-001	75 m x 5 cm roll	1	
"Saving package"			
PRFL-001-012	38 m x 10 cm roll	12	
PRFL-002-024	75 m x 5 cm roll	24	





astik's PARAFILM M DISPENSER

Used for storing, dispensing and cutting Parafilm®M. Made of white acrylic. Can hold both 5 cm and 10 cm rolls, tapes & labels. Can easily cut thanks to super sharp serrated blades. Openable top lid allows easy replacement of the parafilm rolls. The dispenser does not include Parafilm

reference	external dimensions (length x width x height)	pcs/pack	price/pack
PRFL-DIS-001	180 x 120 x 160 mm	1	

bb ALUMINIUM FOIL

For packing, covering, and insulation. Packed in individual dispenser box with cutter bar. Thickness: 13 µm



reference	description	pcs/pack	price/pack
ALFO-030-001	30 m x 29 cm roll	1	
ALFO-250-001	250 m x 29 cm roll	1	

bb ALUMINIUM FOIL, PRE-CUT

For packing, covering, and insulation. Pre-cut pieces, available in both round and square shapes. Thickness: 20 µm



reference	form	dimensions	pcs/pack	price/pack
ALFC-100-500	round	∅ 100 mm	500	
ALFC-150-500	round	∅ 150 mm	500	
ALFS-100-500	square	100 x 100 mm	500	
ALFS-150-500	square	150 x 150 mm	500	

bb PROFESSIONAL CUTTER

With non-slip rubber handle and adjustment screw. 18 mm metal blade. Blade locking system



reference	l _{total} (mm)	blade (mm)	pcs/pack	price/pack
CTTR-001-001	160	18	1	

bb LABORATORY MARKER SET

For the special requirements of the laboratory. Set of three markers with three different colors: black, blue, and red. Bullet nib. Specially designed for surfaces of laboratory equipment such as slides, reaction vessels, labware and labels. Ink with high resistance to alcohol (can only be erased with strong friction) and water, but erasable with acetone and xylene



reference	l (mm)	∅ (mm)	colors	pcs/pack	price/pack
PLMB-KIT-003	132	11	black, blue, red	3	

EDDING LABORATORY MARKER

For the special requirements of the laboratory. Available in black. Bullet nib. Fine nib for clear labelling on small surfaces. Particularly suited for smooth and transparent surfaces e.g. slides, reaction vessels, labware and labels. Quick-drying, smudge-proof, waterproof, lightfast and low-odour. Extreme resistance to abrasion and high temperatures-tested and approved by TÜV Saarland. Permanent on plastic, erasable in glass with alcohol-based cleaner

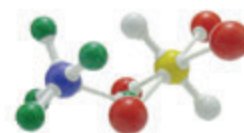
reference	stroke thickness (mm)	model	pcs/pack	price/pack
PLME-001-001	0,75	8015F	1	
PLME-002-001	1	8014	1	
"Saving package"				
PLME-001-010	0,75	8015F	10	
PLME-002-010	1	8014	10	




MOLECULAR MODEL SET

Gives a better insight to students into the three dimensional aspects of molecules and chemical compounds. The sets consists of colored plastic balls in different diameters and follows a universal color code in representing various elements. The balls have one or more holes and may be inter-connected to each other by white plastic unions that represent valency bonds and the structures so formed represent molecules or compounds. See the detailed technical sheet of this product on our website

reference	description	pcs/pack	price/pack
MOLM-001-001	student set, box with 47 balls, 10 long bonds and 25 short bonds	1	
MOLM-002-001	teacher set, box with 100 balls, 36 long bonds and 50 short bonds	1	

INDICATOR TAPE FOR STERILIZATION

Self-adhesive tape with impregnated paper turning to colour when exposed to sterilization process. Tape turns from white to brown when exposed at 120 °C during 20 minutes, at 125 °C during 10 minutes or at 135 °C during 5 minutes

reference	description	pcs/pack	price/pack
STAP-A55-001	50 m x 19 mm roll, for autoclave	1	
"Saving package"			
STAP-A55-010	50 m x 19 mm roll, for autoclave	10	




DISPENSER FOR SELF-ADHESIVE LABEL TAPE

For 55 m x 19 mm rolls

reference	dimensions (length x width x height)	pcs/pack	price/pack
TAPE-D01-001	250 x 75 x 95 mm	1	




bb

SELF-ADHESIVE LABEL TAPE

To label all kind of laboratory containers. Resistant to water and most solvents and acids. Can be used in autoclave, freezer, refrigerator and oven. Temperature range: -23 °C to +121 °C. To label with pencil, pen or marker. Does not leave residues when removed. Internal roll diameter 76 mm



reference	type	pcs/pack	price/pack
TAPE-B55-001	55 m x 19 mm roll, blue	1	
TAPE-G55-001	55 m x 19 mm roll, green	1	
TAPE-O55-001	55 m x 19 mm roll, orange	1	
TAPE-R55-001	55 m x 19 mm roll, red	1	
TAPE-W55-001	55 m x 19 mm roll, white	1	
TAPE-Y55-001	55 m x 19 mm roll, yellow	1	
4 units "Saving package"			
TAPE-B55-004	55 m x 19 mm roll, blue	4	
TAPE-G55-004	55 m x 19 mm roll, green	4	
TAPE-O55-004	55 m x 19 mm roll, orange	4	
TAPE-R55-004	55 m x 19 mm roll, red	4	
TAPE-W55-004	55 m x 19 mm roll, white	4	
TAPE-Y55-004	55 m x 19 mm roll, yellow	4	
12 units "Saving package"			
TAPE-B55-012	55 m x 19 mm roll, blue	12	
TAPE-G55-012	55 m x 19 mm roll, green	12	
TAPE-O55-012	55 m x 19 mm roll, orange	12	
TAPE-R55-012	55 m x 19 mm roll, red	12	
TAPE-W55-012	55 m x 19 mm roll, white	12	
TAPE-Y55-012	55 m x 19 mm roll, yellow	12	
6 units multicolor "Saving package"			
TAPE-M55-006	55 m x 19 mm roll, 6 colors	6	

i TECHNICAL INFORMATION ABOUT OUR PRODUCTS

In the annex of this catalog, starting from page 419, you will find a large amount of useful technical information about our products.

This information includes, among other things, technical specifications of different materials (glass, porcelain, etc.), compatibility tables, and general guidelines for laboratory material cleaning.

Visit the "Support" - "Technical Information" section of our website for further additional technical information about our products and to check for any updates.

VOLUMETRIC FLASK CLASS A WITH PLASTIC STOPPER



Made of borosilicate glass LBG 3.3. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFK3-005-002	5 ml	± 0,02	10/19	2	
VFK3-010-002	10 ml	± 0,02	10/19	2	
VFK3-020-002	20 ml	± 0,03	10/19	2	
VFK3-025-002	25 ml	± 0,03	10/19	2	
VFK3-050-002	50 ml	± 0,05	12/21	2	
VFK3-100-002	100 ml	± 0,10	14/23	2	
VFK3-200-002	200 ml	± 0,15	14/23	2	
VFK3-250-002	250 ml	± 0,20	14/23	2	
VFK3-500-002	500 ml	± 0,25	19/26	2	
VFK3-1K0-002	1000 ml	± 0,40	24/29	2	
VFK3-2K0-001	2000 ml	± 0,60	29/32	1	



VOLUMETRIC FLASK CLASS A WITH PLASTIC STOPPER

Made of top quality 3.3 borosilicate glass. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Each flask has a batch number printed. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFL3-005-002	5 ml	± 0,040	10/19	2	
VFL3-010-002	10 ml	± 0,040	10/19	2	
VFL3-020-002	20 ml	± 0,040	10/19	2	
VFL3-025-002	25 ml	± 0,040	10/19	2	
VFL3-050-002	50 ml	± 0,060	12/21	2	
VFL3-100-002	100 ml	± 0,100	14/23	2	
VFL3-200-002	200 ml	± 0,150	14/23	2	
VFL3-250-002	250 ml	± 0,150	14/23	2	
VFL3-500-002	500 ml	± 0,250	19/26	2	
VFL3-1K0-002	1000 ml	± 0,400	24/29	2	
VFL3-2K0-001	2000 ml	± 0,600	29/32	1	
VFL3-5K0-001	5000 ml	± 1,200	34/35	1	



BATCH CERTIFICATES

All volumetric glassware material (measuring cylinders, flasks, pipettes and burettes) made on the same production date do have the same batch number. During the quality control process each piece is verified individually, dismissing those not fulfilling the maximum tolerances permitted. The batch certificate mention the average value obtained for all the pieces of the same batch, the standard deviation and the control date.

This batch certificate can be downloaded free of charge on the website

INDIVIDUAL CALIBRATION CERTIFICATE

Glassware with an individual certificate do have an individual serial number added to the batch number. They are delivered with a certificate showing the real volume of this particular flask.



VOLUMETRIC FLASK CLASS A ACCORDING TO USP

Made of top quality 3.3 borosilicate glass. With plastic stopper. Designed according to ISO 1042, DIN 12664, USP standards and "Eichordnung" (the German Federal Weights and Measures Regulations). The conformity with "Eichordnung" is certified through the official German "H" sign on each flask according to DIN 12600. Calibrated to contain (TC, In). USP standards are more accurate than ISO 1042. Each flask has a batch number printed. Batch certificate included, available on the website



reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFH3-005-002	5 ml	± 0,020	10/19	2	
VFH3-010-002	10 ml	± 0,020	10/19	2	
VFH3-020-002	20 ml	± 0,030	10/19	2	
VFH3-025-002	25 ml	± 0,030	10/19	2	
VFH3-050-002	50 ml	± 0,050	12/21	2	
VFH3-100-002	100 ml	± 0,080	14/23	2	
VFH3-200-002	200 ml	± 0,100	14/23	2	
VFH3-250-002	250 ml	± 0,120	14/23	2	
VFH3-500-002	500 ml	± 0,200	19/26	2	
VFH3-1K0-002	1000 ml	± 0,300	24/29	2	
VFH3-2K0-001	2000 ml	± 0,500	29/32	1	



VOLUMETRIC FLASK CLASS A ACCORDING TO USP WITH INDIVIDUAL CERTIFICATE

Made of top quality 3.3 borosilicate glass. With plastic stopper. Designed according to ISO 1042, DIN 12664 and USP standards. Calibrated to contain (TC, In). USP standards are more accurate than ISO 1042. Each flask has its own individual serial number printed. An individual calibration certificate showing the real volume of this particular flask is delivered



reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFC3-005-001	5 ml	± 0,020	10/19	1	
VFC3-010-001	10 ml	± 0,020	10/19	1	
VFC3-020-001	20 ml	± 0,030	10/19	1	
VFC3-025-001	25 ml	± 0,030	10/19	1	
VFC3-050-001	50 ml	± 0,050	12/21	1	
VFC3-100-001	100 ml	± 0,080	14/23	1	
VFC3-200-001	200 ml	± 0,100	14/23	1	
VFC3-250-001	250 ml	± 0,120	14/23	1	
VFC3-500-001	500 ml	± 0,200	19/26	1	
VFC3-1K0-001	1000 ml	± 0,300	24/29	1	
VFC3-2K0-001	2000 ml	± 0,500	29/32	1	

VOLUMETRIC FLASK CLASS A WITH INDIVIDUAL CERTIFICATE AND QR CODE

Made of top quality 3.3 borosilicate glass. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Each flask has its own individual serial number printed. An individual calibration certificate showing the real volume of this particular flask is delivered. The flask has a printed QR code that when scanned allows the user to download the certificate

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFQR-005-001	5 ml	± 0,040	10/19	1	
VFQR-010-001	10 ml	± 0,040	10/19	1	
VFQR-020-001	20 ml	± 0,040	10/19	1	
VFQR-025-001	25 ml	± 0,040	10/19	1	
VFQR-050-001	50 ml	± 0,060	12/21	1	
VFQR-100-001	100 ml	± 0,100	14/23	1	
VFQR-200-001	200 ml	± 0,150	14/23	1	
VFQR-250-001	250 ml	± 0,150	14/23	1	
VFQR-500-001	500 ml	± 0,250	19/26	1	
VFQR-1K0-001	1000 ml	± 0,400	24/29	1	
VFQR-2K0-001	2000 ml	± 0,600	29/32	1	



Glassco's QR coded volumetric flasks allow the user to scan the code with their smartphone or an IR-Gun attached to a computer and download the certificate immediately from the manufacturer's website.

- AVOIDS THE LOSS OF THE CERTIFICATE
- SAVES TIME AND MONEY TO THE USER
- SIMPLIFIES THE AUDIT PROCESS
- HUMAN CAUSED ERRORS DECREASE



VOLUMETRIC FLASK AMBER CLASS A WITH PLASTIC STOPPER

Made of amber borosilicate glass LBG 3.3. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFA3-005-002	5 ml	± 0,02	10/19	2	
VFA3-010-002	10 ml	± 0,02	10/19	2	
VFA3-025-002	25 ml	± 0,03	10/19	2	
VFA3-050-002	50 ml	± 0,05	12/21	2	
VFA3-100-002	100 ml	± 0,10	14/23	2	
VFA3-200-002	200 ml	± 0,15	14/23	2	
VFA3-250-002	250 ml	± 0,20	14/23	2	
VFA3-500-002	500 ml	± 0,25	19/26	2	
VFA3-1K0-002	1000 ml	± 0,40	24/29	2	





VOLUMETRIC FLASK AMBER CLASS A WITH PLASTIC STOPPER

Made of top quality 3.3 amber borosilicate glass. Designed according to ISO 1042, DIN 12664 and calibrated to contain (TC, In). Each flask has a batch number printed. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	stopper	pcs/pack	price/pack
VFLA-005-002	5 ml	± 0,040	10/19	2	
VFLA-010-002	10 ml	± 0,040	10/19	2	
VFLA-020-002	20 ml	± 0,040	10/19	2	
VFLA-025-002	25 ml	± 0,040	10/19	2	
VFLA-050-002	50 ml	± 0,060	12/21	2	
VFLA-100-002	100 ml	± 0,100	14/23	2	
VFLA-200-002	200 ml	± 0,150	14/23	2	
VFLA-250-002	250 ml	± 0,150	14/23	2	
VFLA-500-002	500 ml	± 0,250	19/26	2	
VFLA-1K0-002	1000 ml	± 0,400	24/29	2	
VFLA-2K0-001	2000 ml	± 0,600	29/32	1	



VOLUMETRIC FLASK, POLYPROPYLENE WITH PLASTIC STOPPER

Made of polypropylene with high clarity. Autoclavable. Thin neck without meniscus for an optimal reading. Calibrated with the gravimetric method at 20 °C. Does not include a certificate



reference	capacity	h (mm)	∅ _{base} (mm)	screw	pcs/pack	price/pack
VFKP-025-005	25 ml	121	36	GL18	5	
VFKP-050-005	50 ml	143	46	GL18	5	
VFKP-100-005	100 ml	174	58	GL18	5	
VFKP-250-002	250 ml	225	82	GL25	2	
VFKP-500-002	500 ml	265	100	GL25	2	
VFKP-1K0-001	1000 ml	325	120	GL25	1	



PYCNOMETER FOR SOLIDS

Made of 3.3 borosilicate glass, calibrated at 20 °C. 12/21 joint

reference	capacity	accuracy (ml)	∅ _{out.} (mm)	∅ _{top.} (mm)	∅ _{out.} (mm)	pcs/pack	price/pack
SPY3-025-001	25 ml	± 2,0	40	22	113	1	
SPY3-050-001	50 ml	± 3,0	48	25	119	1	
SPY3-100-001	100 ml	± 3,0	60	30	155	1	



PYCNOMETER GAY-LUSSAC FOR LIQUIDS WITH PTFE STOPPER

Made of 3.3 borosilicate glass, according to ISO 3507 and calibrated at 20 °C, without certificate

reference	capacity	accuracy (ml)	∅ _{out.} (mm)	h _{total} (mm)	pcs/pack	price/pack
PYC3-P10-002	10 ml	± 1,0	27	50	2	
PYC3-P25-002	25 ml	± 2,0	37	60	2	
PYC3-P50-002	50 ml	± 3,0	47	75	2	
PYC3-10P-002	100 ml	± 3,0	57	90	2	



SET OF MEASURING CYLINDER HEXAGONAL BASE, CLASS B

Contains one unit of each of the following capacities: 10, 25, 50, 100, 250, 500 and 1000 ml. Made of borosilicate glass LBG 3.3 and designed according to ISO 4788. Calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacities	pcs/pack	price/pack
MCH3-KIT-001	10, 25, 50, 100, 250, 500, 1000 ml	1	

LBG



MEASURING CYLINDER HEXAGONAL BASE, CLASS B

Made of borosilicate glass LBG 3.3 and designed according to ISO 4788. Calibrated to contain (TC, In). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	∅ (mm)	h (mm)	pcs/pack	price/pack
MCH3-005-001	5 ml	± 0,1	0,1	13	112	1	
MCH3-010-001	10 ml	± 0,2	0,2	14	137	1	
MCH3-025-001	25 ml	± 0,5	0,5	21	167	1	
MCH3-050-001	50 ml	± 1,0	0,5	25	196	1	
MCH3-100-001	100 ml	± 1,0	1	29	256	1	
MCH3-250-001	250 ml	± 2,0	2	43	305	1	
MCH3-500-001	500 ml	± 5,0	5	53	360	1	
MCH3-1K0-001	1000 ml	± 10	10	68	440	1	
MCH3-2K0-001	2000 ml	± 20	20	85	500	1	

LBG



MEASURING CYLINDER HEXAGONAL BASE, CLASS A

Made of top quality 3.3 borosilicate glass. In compliance with ISO 4788, USP and "Eichordnung" (the German Federal Weights and Measures Regulations). The conformity with "Eichordnung" is certified through the official German "H" sign on each measuring cylinder according to DIN 12600. Calibrated to contain (TC, In). Each measuring cylinder has a batch number printed on it. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	∅ (mm)	h (mm)	pcs/pack	price/pack
MCHA-010-001	10 ml	± 0,10	0,2	15	137	1	
MCHA-025-001	25 ml	± 0,25	0,5	20	167	1	
MCHA-050-001	50 ml	± 0,50	1	25	195	1	
MCHA-100-001	100 ml	± 0,50	1	30	257	1	
MCHA-250-001	250 ml	± 1,00	2	40	330	1	
MCHA-500-001	500 ml	± 2,50	5	53	385	1	
MCHA-1K0-001	1000 ml	± 5,00	10	65	460	1	
MCHA-2K0-001	2000 ml	± 10,00	20	80	565	1	





LBG | MEASURING CYLINDER HEXAGONAL BASE, WITH PLASTIC STOPPER, CLASS B

Made of borosilicate glass LBG 3.3 and designed according to ISO 4788. Calibrated to contain (TC, In). Ground mouth and plastic stopper. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	∅ (mm)	h (mm)	stopper	pcs/pack	price/pack
MCHS-050-001	50 ml	± 1,0	1	25	196	19/26	1	
MCHS-100-001	100 ml	± 1,0	1	29	256	24/29	1	
MCHS-250-001	250 ml	± 2,0	2	43	305	29/32	1	
MCHS-500-001	500 ml	± 5,0	5	53	360	45/40	1	
MCHS-1K0-001	1000 ml	± 10	10	68	440	45/40	1	



MEASURING CYLINDER HEXAGONAL BASE, LOW FORM, CLASS B

Made of top quality 3.3 borosilicate glass. In compliance with DIN EN ISO 4788. To contain (TC, In). Printed in amber color. Does not include a certificate

reference	capacity	accuracy (ml)	graduation (ml)	∅ (mm)	h (mm)	pcs/pack	price/pack
MCLG-010-002	10 ml	± 0,3	1	20	97	2	
MCLG-025-002	25 ml	± 0,5	1	25	122	2	
MCLG-050-002	50 ml	± 1,0	2	30	147	2	
MCLG-100-002	100 ml	± 1,0	2	42	167	2	
MCLG-250-002	250 ml	± 2,0	5	55	217	2	
MCLG-500-002	500 ml	± 5,0	10	65	251	2	
MCLG-1K0-001	1000 ml	± 10,0	20	80	290	1	



astiK's



MEASURING CYLINDER HEXAGONAL BASE, POLYPROPYLENE, CLASS B

With raised graduations. Autoclavable at 121 °C. Does not include a certificate

reference	capacity	graduation (ml)	∅ (mm)	h (mm)	pcs/pack	price/pack
MCHP-010-012	10 ml	0,2	15	140	12	
MCHP-025-012	25 ml	0,5	20	195	12	
MCHP-050-012	50 ml	1	28	200	12	
MCHP-100-012	100 ml	1	30	250	12	
MCHP-250-006	250 ml	2	45	350	6	
MCHP-500-004	500 ml	5	55	365	4	
MCHP-1K0-003	1000 ml	10	70	440	3	
MCHP-2K0-002	2000 ml	20	85	535	2	



VOLUMETRIC PRECISION

Class A and Class B are designations from ASTM, indicating the relative tolerances of volumetric ware. ASTM is an international organization, that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services.

Class A: Preferred choice for volumetric determinations, with high construction and accuracy requirements.

Class B: For general purpose. With the same basic design as Class A flasks but with volumetric tolerances within twice the specified range allowed for Class A.

MEASURING CYLINDER HEXAGONAL BASE, PMP, CLASS B

Made of Polymethylpentene (PMP/TPX*). Higher transparency, better chemical resistance and heat tolerance than PP. Autoclavable. Easy to read relief graduations. According to ISO 6706. Does not include a certificate

reference	capacity	graduation (ml)	accuracy (ml)	∅ (mm)	h (mm)	pcs/pack	price/pack
MCHX-010-001	10 ml	0,2	± 0,2	13,6	147,2	1	
MCHX-025-001	25 ml	0,5	± 0,5	20,15	170	1	
MCHX-050-001	50 ml	1	± 1	25,78	199,5	1	
MCHX-100-001	100 ml	1	± 1	30,85	249,5	1	
MCHX-250-001	250 ml	2	± 2	40,15	326,5	1	
MCHX-500-001	500 ml	5	± 5	52,5	389,6	1	
MCHX-1K0-001	1000 ml	10	± 10	65,5	460,8	1	
MCHX-2K0-001	2000 ml	20	± 20	83	535,8	1	

astik's

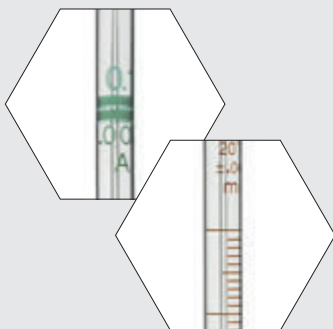


VOLUMETRIC PIPETTE WITH ONE MARK, CLASS A

With coding band (according to ISO 1769), and designed according to ISO 648. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	color code	pcs/pack	price/pack
VPIA-001-006	1 ml	± 0,007	blue	6	
VPIA-002-006	2 ml	± 0,01	orange	6	
VPIA-003-006	3 ml	± 0,015	black	6	
VPIA-005-006	5 ml	± 0,015	white	6	
VPIA-010-006	10 ml	± 0,02	red	6	
VPIA-015-006	15 ml	± 0,025	green	6	
VPIA-020-006	20 ml	± 0,03	yellow	6	
VPIA-025-006	25 ml	± 0,03	blue	6	
VPIA-050-001	50 ml	± 0,05	red	1	
VPIA-100-001	100 ml	± 0,08	yellow	1	

LBC



INSCRIPTIONS

Volumetric glassware is manufactured and calibrated according to international ISO requirements, it is marked with a set of inscriptions, respecting any specific standard associated with the requirements.

Volumetric pipettes also incorporate one- or two-color bands at the top end to facilitate the identification of the different volumes.



VOLUMETRIC PIPETTE WITH ONE MARK, CLASS A, ACCORDING TO USP

With coding band (according to ISO 1769), and designed according to ISO 648 standards, USP standards and "Eichordnung" (the German Federal Weights and Measures Regulations). The conformity with "Eichordnung" is certified through the official German "H" sign on each volumetric pipette according to DIN 12600. USP standards are more accurate than ISO 1042. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	color code	pcs/pack	price/pack
VPIH-0A5-005	0,5 ml	± 0,006	2 black	5	
VPIH-001-005	1 ml	± 0,006	blue	5	
VPIH-002-005	2 ml	± 0,006	orange	5	
VPIH-003-005	3 ml	± 0,010	black	5	
VPIH-005-005	5 ml	± 0,010	white	5	
VPIH-010-005	10 ml	± 0,02	red	5	
VPIH-015-005	15 ml	± 0,03	green	5	
VPIH-020-005	20 ml	± 0,03	yellow	5	
VPIH-025-005	25 ml	± 0,03	blue	5	
VPIH-030-005	30 ml	± 0,03	black	5	
VPIH-040-005	40 ml	± 0,05	white	5	
VPIH-050-005	50 ml	± 0,05	red	5	
VPIH-100-005	100 ml	± 0,08	yellow	5	



VOLUMETRIC PIPETTE WITH TWO MARKS, CLASS A

With coding band (according to ISO 1769), and designed according to ISO 648. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	color code	pcs/pack	price/pack
VPI2-001-006	1 ml	± 0,007	blue	6	
VPI2-002-006	2 ml	± 0,01	orange	6	
VPI2-005-006	5 ml	± 0,015	white	6	
VPI2-010-006	10 ml	± 0,02	red	6	
VPI2-015-006	15 ml	± 0,025	green	6	
VPI2-020-006	20 ml	± 0,03	yellow	6	
VPI2-025-006	25 ml	± 0,03	blue	6	
VPI2-050-001	50 ml	± 0,05	red	1	
VPI2-100-001	100 ml	± 0,08	yellow	1	

labkem

DETERGENTS FOR LABORATORY USE LABKEM CLEANER for manual cleaning or automatic washing machine
see p. 345

- Ideal for use with laboratory materials such as glass, plastic, stainless steel and porcelain
- Biodegradable
- Highly effective



GLASS MEASURING PIPETTE, CLASS A

LBG

Measuring pipette with coding band (ISO 1769), designed according to ISO 835. Calibrated to deliver (TD, Ex). Normal graduation (zero on top). Batch certificate, included available on the website

reference	capacity	accuracy (ml)	graduation (ml)	color code	pcs/pack	price/pack
MPIA-0A1-005	0,1 ml	± 0,002	0,001	2 green	5	
MPIA-0A2-005	0,2 ml	± 0,003	0,002	2 white	5	
MPIA-0A5-005	0,5 ml	± 0,006	0,005	green	5	
MPIA-001-005	1 ml	± 0,008	0,01	yellow	5	
MPIA-002-005	2 ml	± 0,012	0,02	black	5	
MPIA-005-005	5 ml	± 0,025	0,05	red	5	
MPIA-010-005	10 ml	± 0,05	0,1	orange	5	
MPIA-015-005	15 ml	± 0,08	0,1	2 orange	5	
MPIA-020-005	20 ml	± 0,1	0,1	2 yellow	5	
MPIA-025-005	25 ml	± 0,1	0,1	white	5	
MPIA-050-005	50 ml	± 0,1	0,2	black	5	

GLASS MEASURING PIPETTE, CLASS A PREMIUM LINE

LBG

Measuring pipette with coding band (ISO 1769), designed according to ISO 835. With safety bulb and batch number printed on the flask. Normal graduation (zero at top). Indelible amber graduation. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	color code	pcs/pack	price/pack
MPI2-001-005	1 ml	± 0,006	0,01	yellow	5	
MPI2-002-005	2 ml	± 0,010	0,01	black	5	
MPI2-005-005	5 ml	± 0,030	0,05	red	5	
MPI2-010-005	10 ml	± 0,050	0,10	orange	5	
MPI2-020-004	20 ml	± 0,100	0,10	2 yellow	4	
MPI2-025-004	25 ml	± 0,100	0,10	white	4	

GLASS MEASURING PIPETTE, CLASS A, INVERSED GRADUATION PREMIUM LINE

LBG

Measuring pipette with coding band (ISO 1769), designed according to ISO 835. With safety bulb and batch number printed on the flask. Inversed graduation (zero at tip). Indelible amber graduation. Calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	color code	pcs/pack	price/pack
MPI2-P01-005	1 ml	± 0,006	0,01	yellow	5	
MPI2-P02-005	2 ml	± 0,010	0,01	black	5	
MPI2-P05-005	5 ml	± 0,030	0,05	red	5	
MPI2-P10-005	10 ml	± 0,050	0,10	orange	5	
MPI2-P20-004	20 ml	± 0,100	0,10	2 yellow	4	
MPI2-P25-004	25 ml	± 0,100	0,10	white	4	




astik's | **PIPETTE STAND, ROTARY**

Polypropylene. Suitable for pipettes up to 10 mm of diameter

reference	type	pcs/pack	price/pack
PSRP-094-001	up to 94 pipettes	1	


astik's | **HORIZONTAL PIPETTE RACK**

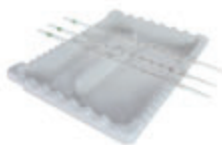

Made of polypropylene. Can sustain up to 12 pipettes measuring over 200 mm. Autoclavable

reference	type	pcs/pack	price/pack
PIPH-012-001	up to 12 pipettes	1	


astik's | **PIPETTE TRAY FOR DRAWER**

Designed to contain up to 30 pipettes. Contains 4 compartments to accommodate pipettes from 1 to 10 ml capacity

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack
PIPT-004-001	30	426	300	1	


astik's | **PIPETTE TRAY**

Can accommodate 7 pipettes with overall stem diameter not exceeding 20 mm longitudinally or 16 pipettes with stem diameter not exceeding 10 mm laterally. Very useful work station holder, not only for pipettes

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack
PIPD-016-001	40	283	216	1	


astik's | **PIPETTE STORAGE RACK**

ABS plastic construction, resistant to scratches and easily cleanable. Each rack includes two accessory attachments to hold pipette filler and a pipette bulb. 4 angled compartments for easy loading and retrieval. Windows allowing the vision of stored pipettes to determine supply level. Magnets present in both sides to help securely mount the rack

reference	dimensions (length x width x height)	pcs/pack	price/pack
MPSR-004-001	290 x 85 x 395 mm	1	


astik's | **PIPETTE WASHING KIT**

For washing pipettes up to 400 mm. It consists of two parts: washing unit and pipette basket. Automatic filling and emptying of the container by cycles: It is filled with water through the nozzle located on the upper edge and the pipette basket is inserted. Once the water level reaches the maximum, the container is completely emptied automatically through the bottom drainage system. After removing contaminated water, the container is refilled

reference	Ø _{inside} x h (mm)	pcs/pack	price/pack
PIPW-001-001	152 x 771 (washing unit) and 119 x 587 (basket)	1	

PIPETTE STERILISING CAN

Made of stainless steel

reference	∅ (mm)	h (cm)	pcs/pack	price/pack
STPS-R50-001	50	50	1	

clink

**BURETTE CLAMPS**

Available in polypropylene and painted aluminium

reference	type	pcs/pack	price/pack
BCFP-001-001	made in polypropylene for 1 burette	1	
BCFP-002-001	made in polypropylene for 2 burettes	1	
BCFS-002-001	made in painted aluminium for 2 burettes	1	

clink

**PLASTIC BURETTE WITH PTFE STRAIGHT STOPCOCK**

Transparent body made of PMMA (polymethylmethacrylate) resistant to diluted acids and bases, except HCl and NaOH and self-lubricated PTFE stopcock

reference	capacity	accuracy (ml)	graduation (ml)	l _{total} (mm)	pcs/pack	price/pack
BURP-025-001	25 ml	± 0,05	0,1	570	1	
BURP-050-001	50 ml	± 0,05	0,1	730	1	
BURP-100-001	100 ml	± 0,05	0,2	820	1	

astik's

**BURETTE WITH GLASS STRAIGHT STOPCOCK, CLASS A**

Designed according to ISO 385 and calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l _{total} (mm)	pcs/pack	price/pack
BURN-010-001	10 ml	± 0,025	0,05	540	1	
BURN-025-001	25 ml	± 0,04	0,1	560	1	
BURN-050-001	50 ml	± 0,05	0,1	800	1	

LBG

**BURETTE WITH PTFE STRAIGHT STOPCOCK, CLASS A**

Designed according to ISO 385 and calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l _{total} (mm)	pcs/pack	price/pack
BURT-010-001	10 ml	± 0,025	0,05	540	1	
BURT-025-001	25 ml	± 0,04	0,1	560	1	
BURT-050-001	50 ml	± 0,05	0,1	800	1	
BURT-100-001	100 ml	± 0,1	0,2	800	1	

LBG




LBC | BURETTE WITH PTFE STRAIGHT STOPCOCK AND FUNNEL TOP, CLASS A

Designed according to ISO 385 and calibrated to deliver (TD, Ex). With funnel top to make filling easier and safer. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack
BURT-F10-001	10 ml	$\pm 0,025$	0,05	540	1	
BURT-F25-001	25 ml	$\pm 0,04$	0,1	560	1	
BURT-F50-001	50 ml	$\pm 0,05$	0,1	800	1	


LBC | BURETTE WITH PTFE STRAIGHT STOPCOCK, SCHELLBACH TYPE, CLASS A

Designed according to ISO 385 and calibrated to deliver (TD, Ex). With funnel top to make filling easier and safer. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack
BURT-S10-001	10 ml	$\pm 0,025$	0,05	540	1	
BURT-S25-001	25 ml	$\pm 0,04$	0,1	560	1	
BURT-S50-001	50 ml	$\pm 0,05$	0,1	800	1	


BURETTE WITH SCREW TYPE NEEDLE VALVE PTFE STOPCOCK, CLASS A

Manufactured with top quality 3.3 borosilicate glass and calibrated to deliver (TD, Ex). The batch number is printed on each burette. In compliance with ISO 385 and USP. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack
BURS-010-001	10 ml	$\pm 0,03$	0,05	540	1	
BURS-025-001	25 ml	$\pm 0,05$	0,10	580	1	
BURS-050-001	50 ml	$\pm 0,05$	0,10	760	1	


BURETTE WITH SCREW TYPE NEEDLE VALVE PTFE STOPCOCK, SCHELLBACH TYPE, CLASS A

Manufactured with top quality 3.3 borosilicate glass and calibrated to deliver (TD, Ex). The batch number is printed on each burette. In compliance with ISO 385, USP and "Eichordnung" (the German Federal Weights and Measures Regulations). The conformity with "Eichordnung" is certified through the official German "H" sign on each burette according to DIN 12600. Batch certificate, included available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack
BUBS-010-001	10 ml	$\pm 0,03$	0,05	540	1	
BUBS-025-001	25 ml	$\pm 0,05$	0,10	580	1	
BUBS-050-001	50 ml	$\pm 0,05$	0,10	760	1	



AMBER BURETTE WITH PTFE STRAIGHT STOPCOCK AND FUNNEL TOP, CLASS A

LBC

For photo-sensitive samples. Designed according to ISO 385 and calibrated to deliver (TD, Ex). Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	l_{total} (mm)	pcs/pack	price/pack
BURA-F10-001	10 ml	± 0,025	0,05	540	1	
BURA-F25-001	25 ml	± 0,04	0,1	560	1	
BURA-F50-001	50 ml	± 0,05	0,1	800	1	

SCHILLING BURETTE

1 litre PE reservoir with stable LDPE base. PMP burette with push button for drop-by-drop delivery. According to DIN 12700 standards, Class B

reference	capacity	graduation (ml)	pcs/pack	price/pack
SBUP-025-001	25 ml	0,1	1	
SBUP-050-001	50 ml	0,1	1	

AUTOMATIC TABLE BURETTE, CLASS A

Made of top quality 3.3 borosilicate glass. With two PTFE stopcock and transparent filling reservoir. Richardson bulb included. Batch certificate included, available on the website

reference	capacity	accuracy (ml)	graduation (ml)	reservoir bottle	ground	pcs/pack	price/pack
ABU3-010-001	10 ml	± 0,03	0,05	500 ml	24/29	1	
ABU3-025-001	25 ml	± 0,05	0,10	2000 ml	29/32	1	
ABU3-050-001	50 ml	± 0,05	0,10	2000 ml	29/32	1	

RICHARDSON BULB FOR AUTOMATIC BURETTES

Made of red rubber. With a net around the bulb

reference	capacity	type	pcs/pack	price/pack
RBER-001-001	500 ml	small	1	
RBER-002-001	1000 ml	big	1	

astik's

LABBOX

astik's



It is necessary to know the possibilities and limitations of volumetric instruments, so that appropriate use can be made.

All volumetric material in good condition can be heated in the drying or sterilizing oven up to 180 °C without fear of volume variation. However, it should always be noted that irregular heating or a sudden change in temperature causes thermal stress which can lead to glass breakage.





LBC

GLASS PASTEUR PIPETTES

Made of soda-lime glass



reference	l (mm)	pcs/pack	price/pack
PIPN-150-250	150	250	
PIPN-230-250	230	250	
"Saving package"			
PIPN-150-2K0	150	8 x 250	
PIPN-230-2K0	230	8 x 250	

bb

RUBBER BULB FOR GLASS PASTEUR PIPETTES

Made of natural latex rubber



reference	capacity	l (mm)	pcs/pack	price/pack
TELX-002-100	2 ml	40	100	

astik's

POLYETHYLENE GRADUATED TRANSFER PASTEUR PIPETTES, STERILE

Individually wrapped in peel-pack packaging. EO (Ethylene oxide) sterilized. Free sterilization certificate available on the website



reference	description	pcs/pack	price/pack
PIPP-E01-1K0	graduated each 0.25 ml up to 1 ml, overall vol. 5 ml	1000	
PIPP-E03-1K0	graduated each 0.5 ml up to 3 ml, overall vol. 7 ml	1000	

astik's

POLYETHYLENE GRADUATED TRANSFER PASTEUR PIPETTES, NON-STERILE

Packed in dispenser box



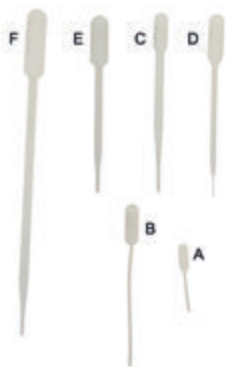
reference	description	pcs/pack	price/pack
PIPP-001-500	graduated each 0.25 ml up to 1 ml, overall vol. 5 ml, L 150 mm	500	
PIPP-002-500	graduated each 0.5 ml up to 2 ml, overall vol. 5 ml, L 155 mm	500	
PIPP-003-500	graduated each 0.5 ml up to 3 ml, overall vol. 7 ml, L 155 mm	500	
"Saving package"			
PIPP-001-5K0	graduated each 0.25 ml up to 1 ml, overall vol. 5 ml, L 150 mm	10 x 500	
PIPP-003-5K0	graduated each 0.5 ml up to 3 ml, overall vol. 7 ml, L 155 mm	10 x 500	

astik's

POLYETHYLENE NON-GRADUATED TRANSFER PASTEUR PIPETTES, NON-STERILE

Packed in dispenser box

reference	description	pcs/pack	price/pack
PIPP-012-500	overall vol. 1.2 ml, length: 65 mm (A)	500	
PIPP-045-500	overall vol. 4.5 ml, length: 155 mm, 25 drops/ml (B)	500	
PIPP-050-500	overall vol. 5 ml, length: 154 mm, 23 drops/ml (C)	500	
PIPP-058-500	fine tip. overall vol. 5.8 ml, length: 156 mm, 50 drops/ml (D)	500	
PIPP-080-250	overall vol. 8 ml, length: 152 mm, 20 drops/ml (E)	250	
PIPP-230-100	extra-large, overall vol. 23 ml, length: 300 mm (F)	100	



POLYETHYLENE NON-GRADUATED TRANSFER PASTEUR PIPETTES, STERILE

Individually wrapped in flow-pack packaging. EO (Ethylene oxide) sterilized. Free sterilization certificate available on the website

reference	description	pcs/pack	price/pack
PIPP-E80-1K0	overall vol. 8 ml, length: 157 mm, 20 drops/ml	1000	

astik's

**DISPOSABLE SYRINGES, STERILE**

Two-part. Luer cone. Single packed. EO (Ethylene oxide) sterilized. According to ISO 13485. For lab use only, not for medical use. Free sterilization certificate available on the website

reference	capacity	pcs/pack	price/pack
SYRI-002-100	2 ml	100	
SYRI-005-100	5 ml	100	
SYRI-010-100	10 ml	100	
SYRI-020-080	20 ml	80	

bb

**DISPOSABLE SYRINGES, LUER LOCK, STERILE**

Three-part. With centered Luer Lock (MLL) and elastomere piston for precise dosing. Single packed. EO (Ethylene oxide) sterilized. According to ISO 7886-1, EN 20594-1 and DIN EN ISO 11135-1. Compatible with Branchia syringe filters. For lab use only, not for medical use. Free sterilization certificate available on the website

reference	capacity	pcs/pack	price/pack
SYRL-002-100	2,5 ml	100	
SYRL-005-100	5 ml	100	
SYRL-010-100	10 ml	100	
SYRL-020-080	20 ml	80	

astik's

**EASY 5 RUBBER PIPETTE FILLER**

Red natural rubber. With 3 valves for filling, delivery and air release

reference	type	pcs/pack	price/pack
EAS5-001-001	standard: for pipettes up to 10 ml	1	
EAS5-002-001	long: for pipettes up to 100 ml	1	
"Saving package"			
EAS5-001-025	standard: for pipettes up to 10 ml	25	
EAS5-002-025	long: for pipettes up to 100 ml	25	

EASY



EASY

EASY 8 PIPETTE PUMP FILLER

Made off ABS. With wheel and piston, for easy one-hand control of filling and delivery from any glass or plastic pipettes



reference	type	pcs/pack	price/pack
EAS8-002-001	blue: up to 2 ml pipettes	1	
EAS8-010-001	green: up to 10 ml pipettes	1	
EAS8-025-001	red: up to 25 ml pipettes	1	
"Saving package"			
EAS8-002-010	blue: up to 2 ml pipettes	10	
EAS8-010-010	green: up to 10 ml pipettes	10	
EAS8-025-010	red: up to 25 ml pipettes	10	

EASY

EASY 9 PIPETTE CONTROLLER WITH FILTER

To fill and dispense liquid in glass and plastic pipettes from 0.1 to 100 ml. Autoclavable silicone pipette holder. Includes an inner 3.0 µm spare part filter to prevent liquid entrance. Warranty 2 years



reference	type	pcs/pack	price/pack
EAS9-001-001	for 0.1 - 100 ml pipettes	1	
Accessories and spare parts			
EAS9-FIL-002	3.0 µm filter for EASY 9	2	

EASY

EASY 60β ELECTRONIC PIPETTE FILLING DEVICE

Ergonomic and lightweight design, easy to handle with one hand. For easy, secure and efficient liquid filling and delivery. Can be used with glass or plastic pipettes from 0.1 to 100 ml. Autoclavable hydrophobic 0.45 µm filter preventing excess aspiration. Warranty 2 years



reference	description	pcs/pack	price/pack
EASY-B60-001	EASY 60β	1	
Accessories and spare parts			
EASY-A01-001	0,45 µm filter for EASY 60β	1	

EASY

EASY 60+ ELECTRONIC PIPETTE FILLING DEVICE

For easy, secure and efficient liquid filling and delivery. An inner PTFE 0.2 µm filter and a security valve prevent any liquid entrance in the device. The cone fixing the pipettes is autoclavable up to 121 °C. Can be used with glass or plastic pipettes from 0.1 to 100 ml. Easy to use, ergonomic and one-hand control. Wall hanger device and internal rechargeable battery included. Warranty 1 year



reference	description	pcs/pack	price/pack
EASY-P60-001	EASY 60+ Pipette filling device, 230 V	1	
Accessories and spare parts			
EASY-FIL-005	EASY 60+ spare filter, 0,20 µm	5	
EASY-FI4-005	EASY 60+ spare filter, 0,45 µm	5	
EASY-CON-001	EASY 60+ spare fixing cone made of silicone	1	
EASY-BAT-002	set of 2 Ni-MH batteries for EASY 60+	2	

EASY 20K BOTTLE TOP DISPENSER

Good chemical resistance. Made of PTFE, 3.3 borosilicate glass, polypropylene and FEP. High reproducibility of the volumes. The instrument can be screwed directly onto a GL 45 screwthread. For other bottles, use the accompanying adapters for the most common threads in laboratory bottles. Easy to clean and maintain. This instrument is designed for dispensing liquids, observing the following limits: temperature range: +15 to 40 °C of instrument and reagent, vapor pressure up to 500 mbar, density up to 2.2 g/cm³ and the viscosity up to 500 mm²/s. Bottle not included. Autoclavable. Check the complete table of chemical compatibilities on our website. Warranty 2 years.

reference	capacity	incr.	accu.	prec.	adapters	pcs/ pack	price/pack
EAS2-K05-001	0,5 - 5,0 ml	0,10 ml	± 0,025 ml	0,005 ml	GL 25, 28, 32, 38, S40	1	
EAS2-K10-001	1,0 - 10,0 ml	0,20 ml	± 0,05 ml	0,010 ml	GL 25, 28, 32, 38, S40	1	
EAS2-K25-001	2,5 - 25,0 ml	0,50 ml	± 0,125 ml	0,025 ml	GL 32, 38, S40	1	
EAS2-K50-001	5,0 - 50,0 ml	1,00 ml	± 0,250 ml	0,050 ml	GL 32, 38, S40	1	

EASY



EASY 20K+ BOTTLE TOP DISPENSER

Excellent chemical resistance. Made of PTFE, 3.3 borosilicate glass, polypropylene and FEP. High reproducibility of the volumes. The instrument can be screwed directly onto a GL 45 screwthread. For other bottles, use the accompanying adapters for the most common threads in laboratory bottles. Easy to clean and maintain. This instrument is designed for dispensing liquids, observing the following limits: temperature range: +15 to 40 °C of instrument and reagent, vapor pressure up to 500 mbar, density up to 2.2 g/cm³ and the viscosity up to 500 mm²/s. Bottle not included. Autoclavable. Warranty 2 years

reference	capacity	incr.	accu.	prec.	adapters	pcs/ pack	price/pack
EAS2-P05-001	0,5 - 5,0 ml	0,10 ml	± 0,025 ml	0,005 ml	GL 25, 28, 32, 38, S40	1	
EAS2-P10-001	1,0 - 10,0 ml	0,20 ml	± 0,05 ml	0,010 ml	GL 25, 28, 32, 38, S40	1	
EAS2-P25-001	2,5 - 25,0 ml	0,50 ml	± 0,125 ml	0,025 ml	GL 32, 38, S40	1	
EAS2-P50-001	5,0 - 50,0 ml	1,00 ml	± 0,250 ml	0,050 ml	GL 32, 38, S40	1	
EAS2-10P-001	10,0 - 100,0 ml	2,00 ml	± 0,500 ml	0,050 ml	GL 32, 38, S40	1	

EASY



EASY 20R+ BOTTLE TOP DISPENSER WITH RECIRCULATION

Excellent chemical resistance. Made of borosilicate glass and high chemical resistance materials. High reproducibility of the measurements. Re-circulable valve that prevents liquid leaks. Security lock. Includes calibration tool and 4 universal adapters for bottles. Easy to clean and maintain due to a springless valve design. This instrument is designed for dispensing liquids, under the following conditions of use: temperature range: +15 to 40 °C (instrument and reagent), vapor pressure up to 500 mbar, density up to 2.2 g/cm³ and viscosity up to 500 mm²/s. Each dispenser has been calibrated individually as per EN-ISO 8655. It has a unique serial number engraved and is delivered with a calibration certificate. Autoclavable. Check the complete table of chemical compatibilities on our website. Warranty 2 years

reference	capacity	incr.	accu.	prec.	adapters	pcs/ pack	price/pack
EAS2-R05-001	0,5 - 5 ml	0,1 ml	± 0,025 ml	0,01 ml	GL 28-38-45-S40	1	
EAS2-R10-001	1 - 10 ml	0,2 ml	± 0,050 ml	0,02 ml	GL 28-38-45-S40	1	
EAS2-R25-001	2,5 - 25 ml	0,5 ml	± 0,125 ml	0,05 ml	GL 28-38-45-S40	1	
EAS2-R50-001	5 - 50 ml	1,00 ml	± 0,250 ml	0,1 ml	GL 28-38-45-S40	1	
EAS2-10R-001	10 - 100 ml	2,00 ml	± 0,500 ml	0,2 ml	GL 28-38-45-S40	1	

EASY





“CALIBRATION CERTIFICATE FOR FIXED VOLUME MICROPIPETTES

Delivered by a laboratory approved by ENAC under ISO 17025 standards, recognized by similar accreditation bodies in 50 countries, such as COFRAC (France), DKD (Germany) or UKAS (UK). The calibration procedure includes calibration at 1 point according to UNE-EN ISO 8655 standards (100% of the nominal volume). The laboratory issues calibration certificates for the micropipettes in digital format. Note: Company data are mandatory for issuing a certificate. Exclusive for new Labbox micropipettes, must be ordered with the micropipette. Delivery time 10 days



reference	description	pcs/pack	price/pack
CERM-E01-001	1 volume, 10 repetitions	1	



“CALIBRATION CERTIFICATE FOR VARIABLE VOLUME MICROPIPETTES

Delivered by a laboratory approved by ENAC under ISO 17025 standards, recognized by similar accreditation bodies in 50 countries, such as COFRAC (France), DKD (Germany) or UKAS (UK). The standard calibration procedure includes the 3-point calibration according to UNE-EN ISO 8655 (1st point to 100% of the nominal volume, 2nd point to 50% of the nominal volume and 3rd point to the lower limit of the useful volume range or 10% of the nominal volume, whichever is higher). The laboratory issues calibration certificates for the micropipettes in digital format. Note: Company data are mandatory for issuing a certificate. Exclusive for new micropipettes, must be ordered with the micropipette. Delivery time 10 days



reference	description	pcs/pack	price/pack
CERM-E02-001	3 volume, 10 repetitions	1	



EASY

EASY 30 + FIXED VOLUME MICROPIPETTE

Reduced weight, ergonomic design and smooth pushing system to minimize hand and finger tiredness. Minimum body heat transfer to internal parts for high accuracy even during continuous use. Autoclavable tip cone. Each micropipette was individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number and delivered with a calibration report. See the spare parts available for these micropipettes on our website. Warranty 3 years

reference	capacity	accuracy	precision	pcs/pack	price/pack
EASC-10P-001	100 µl	±0,5%	±0,3%	1	
EASC-20P-001	200 µl	±0,4%	±0,2%	1	
EASC-50P-001	500 µl	±0,3%	±0,2%	1	
EASC-1KP-001	1000 µl	±0,3%	±0,15%	1	



The compatibilities of the astik's tips for micropipette are indicated for informational purposes to facilitate the change between brands and are indicated in the same descriptions and in more detail in the table that you can find on our website. In case you still have doubts about the compatibility of these tips with your micropipette or are interested in purchasing our tips for the first time, it is advisable to carry out a test before use. Feel free to contact our customer service department to request free samples without obligation

EASY 40 + VARIABLE VOLUME MICROPIPETTE

Reduced weight, ergonomic design and smooth pushing system to minimize hand and finger tiredness. Minimum body heat transfer to internal parts for high accuracy even during continuous use. Autoclavable tip cone. Tip ejection mechanism (except in EASD-10K-001). Accurate volume adjustment with an audible “click” signal to avoid mistakes. Each micropipette was individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number and delivered with a calibration report. See the spare parts available for these micropipettes on our website. Warranty 3 years

reference	capacity	increment	accuracy	precision	pcs/pack	price/pack
EASD-P02-001	0,1 - 2,5 µl	0,01 µl	±12,0% - 2,5%	±6,0% - 1,6%	1	
EASD-P10-001	0,5 - 10 µl	0,1 µl	±2,5% - 1,0%	±1,5% - 0,8%	1	
EASD-P20-001	2 - 20 µl	0,1 µl	±2,0% - 1,8%	±2,0% - 0,4%	1	
EASD-P50-001	5 - 50 µl	0,5 µl	±3,0% - 0,9%	±2,0% - 0,3%	1	
EASD-10P-001	10 - 100 µl	0,5 µl	±3,0% - 0,8%	±1,5% - 0,15%	1	
EASD-20P-001	20 - 200 µl	1,0 µl	±2,0% - 0,6%	±0,8% - 0,15%	1	
EASD-1KP-001	100 - 1000 µl	5,0 µl	±2,0% - 0,6%	±0,7% - 0,2%	1	
EASD-5KP-001	500 - 5000 µl	50,0 µl	±2,0% - 0,5%	±0,6% - 0,2%	1	
EASD-10K-001	1000 - 10000 µl	100,0 µl	±3,0% - 0,6%	±0,6% - 0,2%	1	

EASY



EASY 40 ELITE VARIABLE VOLUME MICROPIPETTE

Micropipettes of “Elite” series are the result of manufacturing with and innovative materials. The micropipettes EASY 40 Elite series offer a lighth and ergonomic design, clear and easy-to-read display with large numbers and small increments. Fully autoclavable at 121 °C without the need of disassembly. Intuitive operation with one hand. Easy calibration and maintenance. Besides each micropipette was individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number and delivered with a calibration report. Warranty 2 years

reference	capacity	increment	accuracy	precision	pcs/pack	price/pack
EASD-E02-001	0,1 - 2,5 µl	0,05 µl	±12,0% - 2,5%	±6,0% - 2,0%	1	
EASD-E10-001	0,5 - 10 µl	0,1 µl	±2,5% - 1,0%	±1,5% - 0,8%	1	
EASD-E20-001	2 - 20 µl	0,5 µl	±3,0% - 0,9%	±2,0% - 0,4%	1	
EASD-E50-001	5 - 50 µl	0,5 µl	±2,0% - 0,6%	±2,0% - 0,3%	1	
EASD-10E-001	10 - 100 µl	1,0 µl	±3,0% - 0,8%	±1,5% - 0,15%	1	
EASD-20E-001	20 - 200 µl	1,0 µl	±3,0% - 0,6%	±1,0% - 0,15%	1	
EASD-1KE-001	100 - 1000 µl	5,0 µl	±2,0% - 0,6%	±0,7% - 0,2%	1	
EASD-5KE-001	1000 - 5000 µl	50,0 µl	±0,7% - 0,5%	±0,3% - 0,15%	1	

EASY



ACCESSORIES FOR EASY MICROPIPETTES

Stands for 4 or 6 micropipettes EASY 30+, EASY 40+ and EASY 40 Elite

reference	description	pcs/pack	price/pack
EASS-P04-001	stand for 4 micropipettes EASY 30+ and 40+	1	
EASS-P06-001	stand for 6 micropipettes EASY 30+ and 40+	1	
EASS-RX6-001	rotary stand for 6 micropipettes EASY 40 Xpert	1	
EASS-L06-001	linear stand for 6 micropipettes EASY 40 Elite and HiPette	1	
EASS-R06-001	rotary stand for 6 micropipettes EASY 40 Elite	1	

EASY



EASY VARIABLE VOLUME MICROPIPETTE EASY 40 XPERT



Pipetting with minimal effort thanks to a magnet-assisted piston that ensures unmatched consistency in results. Fatigue-free experience powered by an ergonomic design approach, unique shock-absorbing tip ejector and comfortable finger rest. Precise adjustment of the desired volume with large 4-digit display. High-quality materials with great durability and prevention against chemical and physical corrosion. Fully autoclavable. Each micropipette has been individually calibrated according to ISO 8655-6 and 17025 and has an engraved unique serial number and is supplied with a calibration certificate. 3 year warranty



reference	capacity	increment	accuracy	precision	pcs/pack	price/pack
EASD-X02-001	0,1 - 2,5 µl	0,002 µl	2,5 %	1,5 %	1	
EASD-X10-001	0,5 - 10 µl	0,02 µl	1,5 %	0,8 %	1	
EASD-X20-001	2 - 20 µl	0,02 µl	1,2 %	0,6 %	1	
EASD-X50-001	5 - 50 µl	0,1 µl	0,8 %	0,4 %	1	
EASD-10X-001	10 - 100 µl	0,1 µl	1 %	0,3 %	1	
EASD-20X-001	20 - 200 µl	0,2 µl	0,7 %	0,2 %	1	
EASD-30X-001	30 - 300 µl	0,2 µl	0,7 %	0,2 %	1	
EASD-1KX-001	100 - 1000 µl	1 µl	1 %	0,2 %	1	
EASD-5KX-001	500 - 5000 µl	10 µl	1,2 %	0,2 %	1	
EASD-1XX-001	1000 - 10000 µl	20 µl	0,8 %	0,2 %	1	

EASY VARIABLE VOLUME MULTICHANNEL MICROPIPETTE EASY 40 XPERT



Pipetting with minimal effort thanks to a magnet-assisted piston that ensures unmatched consistency in results. Fatigue-free experience powered by an ergonomic design approach, unique shock-absorbing tip ejector and comfortable finger rest. Precise adjustment of the desired volume with large 4-digit display. All internal components of the manifold are made of high quality alloys to provide precise volume in all channels. Easily removable 360° rotating manifold for convenient maintenance. Fully autoclavable. Each micropipette has been individually calibrated according to ISO 8655-6 and 17025 and has an engraved unique serial number and is supplied with a calibration certificate. 3 year warranty



reference	channels	capacity	increment	accuracy	precision	pcs/pack	price/pack
EASD-G10-001	8	0,5 - 10 µl	0,02 µl	0,04 %	0,02 %	1	
EASD-T10-001	12	0,5 - 10 µl	0,02 µl	0,04 %	0,02 %	1	
EASD-G20-001	8	2 - 20 µl	0,02 µl	0,03 %	0,02 %	1	
EASD-T20-001	12	2 - 20 µl	0,02 µl	0,03 %	0,02 %	1	
EASD-G50-001	8	5 - 50 µl	0,1 µl	1,5 %	0,01 %	1	
EASD-T50-001	12	5 - 50 µl	0,1 µl	1,5 %	0,01 %	1	
EASD-10G-001	8	10 - 100 µl	0,1 µl	0,01 %	0,8 %	1	
EASD-10T-001	12	10 - 100 µl	0,1 µl	0,01 %	0,8 %	1	
EASD-20G-001	8	20 - 200 µl	0,2 µl	0,01 %	0,4 %	1	
EASD-20T-001	12	20 - 200 µl	0,2 µl	0,01 %	0,4 %	1	
EASD-30G-001	8	30 - 300 µl	0,2 µl	0,01 %	0,5 %	1	
EASD-30T-001	12	30 - 300 µl	0,2 µl	0,01 %	0,5 %	1	

EASY W VARIABLE VOLUME MOTORIZED DIGITAL MICROPIPETTE

Innovative digital micropipette that combines the easy handling of a manual micropipette with the functions of an electronic micropipette: Pipetting, Mixing, Stepper and Dilution. Designed for maximum performance, accuracy and simple operation, can eliminate manual pipetting errors. Ergonomic design and small body dimensions to reduce hand and finger tiredness. Light weight nearly equal to a manual pipette. Easy self-calibration system. USB port to connect to the PC allows to calibrate using the manufacturer's software. Lithium-ion battery. Includes a wall stand with charging function. Each electronic micropipette has been individually calibrated according to EN-ISO 8655 standard, showing an embossed identifying serial number, and is delivered with a calibration report. Warranty 2 years

reference	capacity	increment	accuracy	precision (CV)	pcs/pack	price/pack
EASW-010-001	0,5 - 10 µl	0,01 µl	±3,5% - 1,0%	3,0% - 0,5%	1	
EASW-050-001	5 - 50 µl	0,1 µl	±3,0% - 0,8%	2,5% - 0,3%	1	
EASW-300-001	30 - 300 µl	1 µl	±3,0% - 0,6%	0,7% - 0,2%	1	
EASW-1K0-001	100 - 1000 µl	5 µl	±3,0% - 0,6%	0,6% - 0,2%	1	

EASY



VARIABLE VOLUME MICROPIPETTE HIPETTE

HiPette micropipettes offer premium performance for precise and comfortable pipetting. The design is ultra light, less than 75 grams and ergonomic. It is designed to offer minimal resistance to pipetting. The first stop offers a resistance of 4N and the second of 10N, thus avoiding variations in continuous handling and guaranteeing maximum reproducibility. It is fully autoclavable and resistant to corrosive agents. Easy to calibrate and maintain. In addition, each micropipette has been individually calibrated according to the EN-ISO 8655 standard, has a unique serial number engraved and is delivered with a calibration certificate. 2 year warranty

reference	capacity	increment	accuracy	precision (CV)	pcs/pack	price/pack
EASH-H02-001	0,1 - 2,5 µl	0,002 µl	±12,0% - 1,4%	±6,0% - 0,7%	1	
EASH-H10-001	0,5 - 10 µl	0,1 µl	±2,5% - 1,0%	±1,8% - 0,4%	1	
EASH-H20-001	2 - 20 µl	0,02 µl	±5,0% - 1,0%	±1,5% - 0,3%	1	
EASH-10H-001	10 - 100 µl	0,1 µl	±2,0% - 0,6%	±2,0% - 0,3%	1	
EASH-20H-001	20 - 200 µl	0,2 µl	±3,0% - 0,8%	±1,0% - 0,2%	1	
EASH-30H-001	30 - 300 µl	0,2 µl	±2,5% - 0,6%	±0,7% - 0,2%	1	
EASH-1KH-001	100 - 1000 µl	1 µl	±3,0% - 0,6%	±0,6% - 0,2%	1	
EASH-5KH-001	1000 - 5000 µl	5 µl	±1,2% - 0,6%	±0,3% - 0,2%	1	
EASH-10K-001	2000 - 10000 µl	10 µl	±1,5% - 0,6%	±0,3% - 0,2%	1	

DAB



MICROPIPETTE TIPS, POLYPROPYLENE, 0,5 - 10 µl STANDARD LINE

Two types available: Gilson type (compatible with EASY 40, Gilson, HTL, Biohit, Finnpiquette, Jencons, Genex, Nichiryo, Kartell) and Eppendorf type (compatible with EASY 40 Elite, Eppendorf, Gilson, Biohit, Brand, Socorex, HTL). Natural color

reference	type	pcs/pack	price/pack
TIPP-010-1K0	0.5 - 10 µl Gilson type (A)	1000	
TIPP-011-1K0	0.5 - 10 µl Eppendorf type (B)	1000	
"Saving package"			
TIPP-010-40K	0.5 - 10 µl Gilson type (A)	40 x 1000	
TIPP-011-20K	0.5 - 10 µl Eppendorf type (B)	20 x 1000	

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A

B



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MICROPIPETETTE TIPS, POLYPROPYLENE, 2 - 200 µl STANDARD LINE

Two models available: Gilson type (compatible with EASY 40 , Gilson, Eppendorf, HTL, Biohit, Finnpiquette, Jencons, Genex, Nichiryo, Kartell, Socorex) and Eppendorf type (compatible with EASY 40 Elite, Eppendorf, Socorex, Nichiryo, Biohit, Brand)

reference	type	pcs/pack	price/pack
In bulk			
TIPP-200-1K0	2 - 200 µl Gilson type, yellow (A)	1000	
TIPP-201-1K0	2 - 200 µl Eppendorf type, yellow (B)	1000	
"Saving package" (bulk)			
TIPP-200-10K	2 - 200 µl Gilson type, yellow (A)	10 x 1000	
TIPP-201-10K	2 - 200 µl Eppendorf type, yellow (B)	10 x 1000	
Racks			
TIPB-200-096	2 - 200 µl Gilson type, yellow	96	
TIPB-201-096	2 - 200 µl Eppendorf type, yellow	96	
"Saving package" (10 racks tower)			
TIPB-200-960	2 - 200 µl Gilson type, yellow, in 10 racks tower	10 x 96	
TIPB-201-960	2 - 200 µl Eppendorf type, yellow, in 10 racks tower	10 x 96	



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MICROPIPETETTE TIPS, POLYPROPYLENE, 100 - 1000 µl STANDARD LINE

Three models available: Gilson type (specially designed for Gilson Pipetman), Eppendorf type (compatible with Eppendorf, Socorex, Nichiryo Biohit, Brand) and Universal type (compatible with EASY, Gilson, Eppendorf, HTL, Biohit, Finnpiquette, Jencons, Genex, Nichiryo, Kartell, Socorex)

reference	type	pcs/pack	price/pack
In bulk			
TIPP-1K0-1K0	100 - 1000 µl Gilson type, blue (A)	1000	
TIPP-1K1-1K0	100 - 1000 µl Eppendorf type, blue (B)	1000	
TIPP-1K2-500	100 - 1000 µl universal type, blue (C)	500	
"Saving package" (bulk)			
TIPP-1K0-10K	100 - 1000 µl Gilson type, blue (A)	10 x 1000	
TIPP-1K1-10K	100 - 1000 µl Eppendorf type, blue (B)	10 x 1000	
TIPP-1K2-10K	100 - 1000 µl universal type, blue (C)	20 x 500	
Racks			
TIPB-1K0-096	100 - 1000 µl Gilson type, blue (A)	96	
"Saving package" (in 5 racks tower)			
TIPB-1K0-480	100 - 1000 µl Gilson type, blue (A), in 5 racks tower	5 x 96	



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MICROPIPETETTE TIPS, POLYPROPYLENE, 1 - 5 ml STANDARD LINE

Gilson type, compatible with Gilson, Socorex. Natural color

reference	type	pcs/pack	price/pack
TIPP-5K0-250	1 - 5 ml, Gilson type	250	

MICROPIPETTE TIPS, POLYPROPYLENE *PREMIUM LINE*

Made of 100% virgin polypropylene. Specially designed for PCR and other molecular biology assays. DNase, RNase and Pyrogen-free. Compatible with most micropipette brands, check the specific list on our website. Packed in sterile polypropylene racks and bags of 1000 non-sterile tips. Natural colour. The non-sterile references can be autoclaved. Free sterilization certificate available on the website

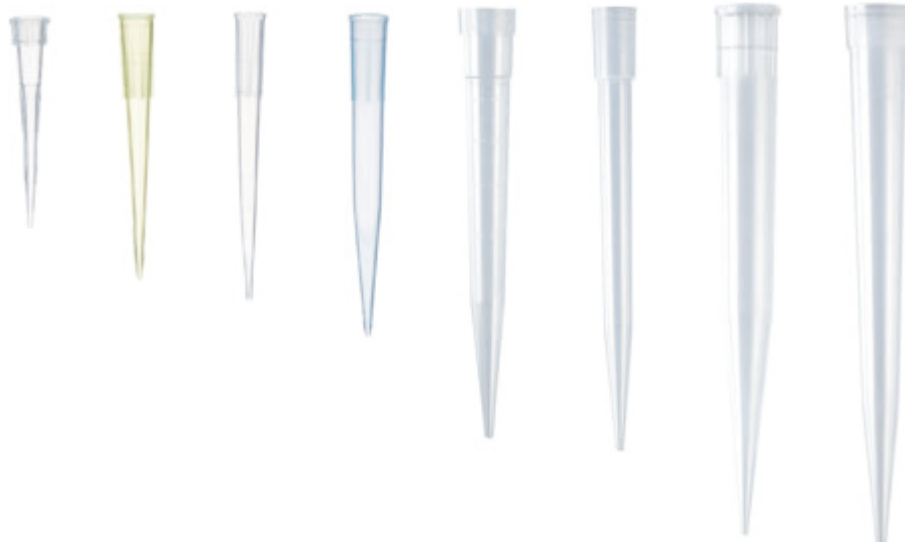
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reference	type	pcs/pack	price/pack
In bulk, non-sterile			
TICD-010-1K0	10 µl	1000	
TICD-200-1K0	200 µl	1000	
TIAD-300-1K0	300 µl	1000	
TICD-1K0-1K0	1000 µl	1000	
TIAD-5K0-100	5 ml, Eppendorf type (A)	100	
TIAD-5K1-100	5 ml, Gilson type	100	
TIAD-10K-100	10 ml, (A)	100	
TIAD-1BK-100	10 ml, (B)	100	
Racks, sterile			
TICD-010-096	10 µl	96	
TICD-200-096	200 µl	96	
TICD-1K0-096	1000 µl	96	
"Saving package" (racks)			
TICD-010-960	10 µl	10 x 96	
TICD-200-960	200 µl	10 x 96	
TICD-1K0-960	1000 µl	10 x 96	



10 µl 200 µl 300 µl 1000 µl 5 ml (A) 5 ml (B) 10 ml (A) 10 ml (B)



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FILTERED MICROPIPETTE TIPS, POLYPROPYLENE *PREMIUM LINE*

Made of 100% virgin polypropylene. Specially designed for PCR and other molecular biology assays. DNase, RNase and Pyrogen-free. Compatible with most micropipette brands, check the specific list on our website. Packed in sterile polypropylene racks and bags of 1000 non-sterile tips. Natural colour. The non-sterile references can be autoclaved. Free sterilization certificate available on the website



reference	type	pcs/pack	price/pack
In bulk, non-sterile			
TICF-010-1K0	10 μ l	1000	
TICF-020-1K0	20 μ l	1000	
TICF-100-1K0	100 μ l	1000	
TICF-200-1K0	200 μ l	1000	
TICF-1K0-1K0	1000 μ l	1000	
Racks, sterile			
TICF-010-096	10 μ l	96	
TICF-020-096	20 μ l	96	
TICF-100-096	100 μ l	96	
TICF-200-096	200 μ l	96	
TICF-1K0-096	1000 μ l	96	
"Saving package" (racks)			
TICF-010-960	10 μ l	10 x 96	
TICF-020-960	20 μ l	10 x 96	
TICF-100-960	100 μ l	10 x 96	
TICF-200-960	200 μ l	10 x 96	
TICF-1K0-576	1000 μ l	6 x 96	

10 μ l 20 μ l 100 μ l 200 μ l 1000 μ l



TIPS IN CARDBOARD RACK *PREMIUM LINE*

An environmentally friendly solution that offers a unique combination of lightweight, durable, and biodegradable materials. Primarily made from 100% biodegradable material, reducing plastic consumption by 60% compared to traditional alternatives. Features a durable and robust design. After use, these racks can be easily crushed and disposed of, providing a cost-effective and eco-friendly solution. They are pre-sterilized (non-autoclavable) and optimized for stacking, eliminating the plastic burden associated with traditional racks while maintaining quality. Tips are made from 100% virgin polypropylene and are free from DNase, RNase, and pyrogens. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack
Without filter			
TIED-010-096	10 µl	96	
TIED-020-096	20 µl	96	
TIED-200-096	200 µl	96	
TIED-1K0-096	1000 µl	96	
With filter			
TIEF-010-096	10 µl	96	
TIEF-020-096	20 µl	96	
TIEF-100-096	100 µl	96	
TIEF-200-096	200 µl	96	
TIEF-1K0-096	1000 µl	96	

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ULTRA LOW RETENTION, MICROPIPETTE TIPS, POLYPROPYLENE *PREMIUM LINE*

Manufactured to create a "super hydrophobic" internal surface that reduces the binding and increases sample delivery accuracy. On average ULR tips reduce tip retention by nearly 85 % and decrease the standard deviation of the retained volume by more than 75 %. Human DNA-free and certified free from DNase, RNase and PCR inhibitors. Presented in sterile polypropylene racks. Natural color. Natural color. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack
TIAU-010-096	10 µl ULR	96	
TIAU-020-096	20 µl ULR	96	
TIAU-200-096	200 µl ULR	96	
TIAU-1K0-096	1000 µl ULR	96	
"Saving package"			
TIAU-010-960	10 µl ULR	10 x 96	
TIAU-020-960	20 µl ULR	10 x 96	
TIAU-200-960	200 µl ULR	10 x 96	
TIAU-1K0-576	1000 µl ULR	6 x 96	

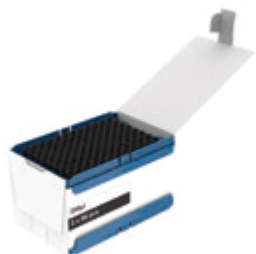
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PP ROBOTIC TIPS, TECAN TYPE *PREMIUM LINE*

Premium-grade virgin polypropylene tips manufactured with USP class VI resins. Electrically conductive. Meticulously validated on the specific instrument they are designed for, ensuring precision. The included polycarbonate tray features color-coding for easy volume identification. Manufactured in an ISO-certified 9001 and 13485 facility, these tips are certified Endotoxin, Heavy Metals, RNase, DNase, and DNA-free, and are available in sterile, and filtered sterile formats, with a polyethylene filter to prevent aerosol contamination. Free sterilization certificate available on the website



reference	type	pcs/pack	price/pack
Blister pack, sterile			
TIRT-010-096	10 µl, grey rack	96	
TIRT-F10-096	10 µl, with filter, grey rack	96	
TIRT-200-096	200 µl, blue rack	96	
TIRT-20F-096	200 µl, with filter, blue rack	96	
TIRT-1K0-096	1000 µl, yellow rack	96	
TIRT-1KF-096	1000 µl, with filter, yellow rack	96	
Flip box, non-sterile			
TIRT-010-192	10 µl, grey rack	2 x 96	
TIRT-200-192	200 µl, blue rack	2 x 96	
TIRT-1K0-192	1000 µl, yellow rack	2 x 96	

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REAGENT RESERVOIR

Polypropylene reservoirs for multichannel pipetting. Available in 10 non-sterile units bag or in single wrapped sterile bags. Sterilized by ethylene oxide. Free sterilization certificate available on the website

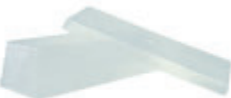


reference	capacity	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack
RTIP-051-010	50 ml	148	61	26	non-sterile	10	
RTIP-E51-250	50 ml	148	61	26	sterile, single wrapped	250	

astik's

REAGENT RESERVOIR WITH LID

USP VI PP reservoir with lid. V-shape Bottom for single or multi-channel pipetting. It can be reused and autoclaved. Clear graduation and DNase/RNase free



reference	capacity	l (mm)	w (mm)	h (mm)	type	pcs/pack	price/pack
RTIP-L60-025	60 ml	140	55	34	non stérile	25	

EASY

DIGITAL BURETTE *EASY 70*

Volume range between 0,01 ml and 99,99 ml. The burette's momentum is motorized, which allows a precise and comfortable evaluation, supported by convenient bottle-top titration. Fully-digital controls on the parameters settings and burette process. Large LCD screen. All parameters can be set in the controller. Has an extra interface to store and export experimental data. Max. piston lift is 10 ml. Each digital burette was individually calibrated according to EN-ISO 8655 standard. Warranty 2 years. Check the complete table of chemical compatibilities on the website



reference	accuracy R (%)	precision CV (%)	increment	pcs/pack	price/pack
EASY-070-001	0,2	0,07	10 µl	1	

HIGH PRECISION PERISTALTIC PUMP, P10 COMPACT

Peristaltic pump ideal for techniques that require high precision in the dispensing of small volumes. Reversible flow. LED display with 4 digits. It includes accessories such as a pedal for manual flow control, two-meter-long and 4 mm diameter silicone tube, two check valves, two plastic connectors and a filling nozzle. 220 V / 50-60 Hz. Compatible with RS485 / MODBUS communication protocol. 1 year warranty

référence	dimensions (L x A x H)	flow rate at atm. pres. (ml/mm)	speed range	pcs/pack	price/pack
PUMP-10C-001	114 x 84 x 98 mm	0.0 ~ 28,25	0,1 - 100 rpm	1	

l**bx**

DISPENSING PERISTALTIC PUMP, P10

Peristaltic pump with continuous transfer and dispensing function. Suitable for high flow volumes, high efficiency, and precise dispensing. Reversible flow. LED display with 4 digits. It includes accessories such as a pedal for manual flow control, two-meter-long and 10 mm diameter silicone tube, two check valves, two plastic connectors and a filling nozzle. 220 V / 50-60 Hz. Compatible with RS485 / MODBUS communication protocol. 1 year warranty

référence	dimensions (L x A x H)	flow rate at atm. pres. (ml/mm)	speed range	pcs/pack	price/pack
PUMP-10J-001	234 x 154 x 143 mm	0,007 ~ 380	0,1 - 100 rpm	1	
PUMP-30J-001	234 x 154 x 143 mm	0,007 ~ 1140	0,1 - 300 rpm	1	
PUMP-60J-001	254 x 184 x 150 mm	0,007 ~ 2280	0,1 - 600 rpm	1	

l**bx**

DISPENSING PERISTALTIC PUMP, P10+ TOUCH

Peristaltic pump with continuous transfer and dispensing function. LCD touch screen and 4 smart modes; transfer, timing, quantitative, and quantitative/transfer mode. Low consumption and low noise motor. It includes accessories such as a pedal for manual flow control, two-meter-long and 10 mm diameter silicone tube, two check valves, two plastic connectors and a filling nozzle. 220 V / 50-60 Hz. Compatible with RS485 / MODBUS communication protocol. 1 year warranty

référence	dimensions (L x A x H)	flow rate at atm. pres. (ml/mm)	speed range	pcs/pack	price/pack
PUMP-30T-001	212 x 135 x 240 mm	0,007 ~ 1140	0,1 - 300 rpm	1	
PUMP-60T-001	212 x 135 x 240 mm	0,007 ~ 2280	0,1 - 600 rpm	1	

l**bx**

VACUUM ASPIRATOR, ST20

Small and compact vacuum aspirator for liquid waste disposal. The handle operation is simple and flexible. Manual aspiration and continuous aspiration mode, reducing hand fatigue and improving efficiency. The hydrophobic filter prevents aerosol and liquids contamination. Brushless motor and low noise. Includes a 2 L bottle, 8-channel needle, and detrusion adapters for 200 µl and 1 ml tips and 8-channel 200 µl tips (tips not included). All parts in touch with the liquid flow can be autoclaved. Warranty 2 years

référence	dimensions (L x A x H)	max. vaccum	flow rate at atm. pres. (ml/mm)	aspiration speed	pcs/pack	price/pack
VAAS-0E1-001	180 x 240 x 340 mm	0 - 500 mbar	17 ml/s	15 L/min	1	

EASY







RECOMMENDED TIPS FOR EASY MICROPIPETTES

	Capacity	Standard Line	Premium Line	ULR Premium Line	Filtered Premium Line
EASY 40+					
EASD-P02-001	0,1 - 2,5 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-P10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-P20-001	2 - 20 µl	-	-	-	-
EASD-P50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10P-001	10 - 100 µl	TIPP-200-***	TICD-200-***	TICU-200-***	TICF-100-***, TICF-200-***
EASD-20P-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-1KP-001	100 - 1000 µl	TIPP-1K0-***, TIPP-1K1-***, TIPP-1K2-***	TICD-1K0-***	TICU-1K0-***	TICF-1K0-***
EASD-5KP-001	500 - 5000 µl	-	TIAD-5K0-***, TIAD-5K1-***	-	-
EASD-10K-001	1000 - 10000 µl	-	TIAD-10K-***	-	-
EASY 40 ELITE					
EASD-E02-001	0,1 - 2,5 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-E10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-E20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-E50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10E-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20E-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-1KE-001	100 - 1000 µl	TIPP-1K0-***, TIPP-1K1-***, TIPP-1K2-***	TIAD-1K0-***	TICU-200-***	TICF-1K0-***
EASD-5KE-001	1000 - 5000 µl	-	TIAD-5K0-***	-	-
EASY 40 Xpert					
EASD-X02-001	0,1 - 2,5 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-X10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-X20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-X50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10X-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20X-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-30X-001	30 - 300 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-1KX-001	100 - 1000 µl	TIPP-1K0-***, TIPP-1K1-***, TIPP-1K2-***	TIAD-1K0-***	TICU-1K0-***	TICF-1K0-***
EASD-5KX-001	1000 - 5000 µl	-	TIAD-5K0-***, TIAD-5K1-***	-	-
EASD-1XX-001	1000 - 10000 µl	-	TIAD-1BK-100	-	-
EASY 40 Xpert 8-channels					
EASD-G10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-G20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-G50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10G-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20G-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASY 40 Xpert 12-channels					
EASD-T10-001	0,5 - 10 µl	TIPP-010-***, TIPP-011-***	TICD-010-***	TICU-010-***	TICF-010-***
EASD-T20-001	2 - 20 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-020-***
EASD-T50-001	5 - 50 µl	TIPP-200-***, TIPP-201-***	TICD-200-***	TICU-200-***	TICF-100-***
EASD-10T-001	10 - 100 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-20T-001	20 - 200 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***
EASD-30T-001	30 - 300 µl	TIPP-200-***, TIPP-201-***	TICD-200-***, TIAD-300-***	TICU-200-***	TICF-200-***

Visit our website to check the complete table

GLASS BEADS

For boiling control and other laboratory uses

reference	∅ (mm)	accuracy (mm)	pcs / kg	kg / L	package	price/pack
BEAD-002-1K0	2	± 0,2	95493	1,550	 1 kg	
BEAD-004-1K0	4	± 0,3	11937	1,565	 1 kg	
BEAD-006-1K0	6	± 0,3	3537	1,540	 1 kg	
BEAD-008-1K0	8	± 0,4	1492	1,505	 1 kg	

LBG

**BOILING FLASK ROUND BOTTOM**

Made of borosilicate glass LBG 3.3

reference	capacity	∅ (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
BFL3-005-001	5 ml	27	60	14/23	1	
BFL3-010-001	10 ml	33	68	14/23	1	
BFL3-025-001	25 ml	41	75	14/23	1	
BFL3-050-001	50 ml	53	88	14/23	1	
BFL3-052-001	50 ml	53	94	19/26	1	
BFL3-051-001	50 ml	53	105	29/32	1	
BFL3-100-001	100 ml	65	100	14/23	1	
BFL3-102-001	100 ml	65	106	19/26	1	
BFL3-103-001	100 ml	65	109	24/29	1	
BFL3-101-001	100 ml	65	117	29/32	1	
BFL3-251-001	250 ml	88	134	19/26	1	
BFL3-252-001	250 ml	88	139	24/29	1	
BFL3-250-001	250 ml	88	145	29/32	1	
BFL3-502-001	500 ml	110	158	19/26	1	
BFL3-500-001	500 ml	110	167	29/32	1	
BFL3-1K0-001	1000 ml	140	199	29/32	1	
BFL3-2K0-001	2000 ml	175	234	29/32	1	
"Saving package"						
BFL3-005-012	5 ml	27	60	14/23	12	
BFL3-010-012	10 ml	33	68	14/23	12	
BFL3-025-012	25 ml	41	75	14/23	12	
BFL3-050-012	50 ml	53	88	14/23	12	
BFL3-052-012	50 ml	53	94	19/26	12	
BFL3-051-012	50 ml	53	105	29/32	12	
BFL3-100-012	100 ml	65	100	14/23	12	
BFL3-102-012	100 ml	65	106	19/26	12	
BFL3-103-012	100 ml	65	109	24/29	12	
BFL3-101-012	100 ml	65	117	29/32	12	
BFL3-251-010	250 ml	88	134	19/26	10	
BFL3-252-010	250 ml	88	139	24/29	10	
BFL3-250-010	250 ml	88	145	29/32	10	
BFL3-502-006	500 ml	110	158	19/26	6	
BFL3-500-006	500 ml	110	167	29/32	6	
BFL3-1K0-006	1000 ml	140	199	29/32	6	
BFL3-2K0-002	2000 ml	175	234	29/32	2	

LBG





BOILING FLASK ROUND BOTTOM



Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4797 and USP standard



reference	capacity	∅ (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
BFLG-025-001	25 ml	41	85	14/23	1	
BFLG-050-001	50 ml	51	90	14/23	1	
BFLG-051-001	50 ml	51	90	29/32	1	
BFLG-100-001	100 ml	64	105	14/23	1	
BFLG-101-001	100 ml	64	105	29/32	1	
BFLG-252-001	250 ml	85	140	24/29	1	
BFLG-250-001	250 ml	85	140	29/32	1	
BFLG-500-001	500 ml	105	163	29/32	1	
BFLG-1K0-001	1000 ml	131	200	29/32	1	
BFLG-2K0-001	2000 ml	166	240	29/32	1	
BFLG-3K0-001	3000 ml	185	260	29/32	1	
BFLG-5K0-001	5000 ml	223	305	29/32	1	
"Saving package"						
BFLG-025-010	25 ml	41	85	14/23	10	
BFLG-050-010	50 ml	51	90	14/23	10	
BFLG-051-010	50 ml	51	90	29/32	10	
BFLG-100-010	100 ml	64	105	14/23	10	
BFLG-101-010	100 ml	64	105	29/32	10	
BFLG-252-010	250 ml	85	140	24/29	10	
BFLG-250-010	250 ml	85	140	29/32	10	
BFLG-500-010	500 ml	105	163	29/32	10	
BFLG-1K0-010	1000 ml	131	200	29/32	10	
BFLG-2K0-006	2000 ml	166	240	29/32	6	



CORK FLASK STAND

For rounded-bottom flasks



reference	∅ _{inside} (mm)	∅ (mm)	type	pcs/pack	price/pack
CORK-080-001	26	80	up to 100 ml flasks	1	
CORK-100-001	48	100	up to 250 ml flasks	1	
CORK-120-001	68	120	up to 500 ml flasks	1	
CORK-140-001	88	140	up to 1000 ml flasks	1	



POLYETHYLENE FLASK STAND

For rounded-bottom flasks. High chemical resistance. Withstands up to 121 °C



reference	∅ (mm)	type	pcs/pack	price/pack
FLSP-001-001	160	up to 10 L flasks	1	

EVAPORATING FLASK STANDARD GROUND MOUTH

Manufactured with top quality 3.3 borosilicate glass. To be used in a rotary evaporator



reference	capacity	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
FLEG-051-001	50 ml	94	29/32	1	
FLEG-101-001	100 ml	110	29/32	1	
FLEG-250-001	250 ml	140	29/32	1	
FLEG-500-001	500 ml	170	29/32	1	
FLEG-1K0-001	1000 ml	210	29/32	1	
FLEG-2K0-001	2000 ml	250	29/32	1	

**BOILING FLASK FLAT BOTTOM**

Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
BFF3-025-001	25 ml	41	75	14/23	1	
BFF3-050-001	50 ml	53	88	14/23	1	
BFF3-052-001	50 ml	53	94	19/26	1	
BFF3-100-001	100 ml	65	100	14/23	1	
BFF3-102-001	100 ml	65	106	19/26	1	
BFF3-103-001	100 ml	65	109	24/29	1	
BFF3-101-001	100 ml	65	117	29/32	1	
BFF3-252-001	250 ml	88	134	19/26	1	
BFF3-253-001	250 ml	88	139	24/29	1	
BFF3-250-001	250 ml	88	145	29/32	1	
BFF3-500-001	500 ml	110	167	29/32	1	
BFF3-1K0-001	1000 ml	140	199	29/32	1	
BFF3-2K0-001	2000 ml	175	234	29/32	1	



"Saving package"

BFF3-025-012	25 ml	41	75	14/23	12	
BFF3-050-012	50 ml	53	88	14/23	12	
BFF3-052-012	50 ml	53	94	19/26	12	
BFF3-100-012	100 ml	65	100	14/23	12	
BFF3-102-012	100 ml	65	106	19/26	12	
BFF3-103-012	100 ml	65	109	24/29	12	
BFF3-101-012	100 ml	65	117	29/32	12	
BFF3-252-010	250 ml	88	134	19/26	10	
BFF3-253-010	250 ml	88	139	24/29	10	
BFF3-250-010	250 ml	88	145	29/32	10	
BFF3-500-008	500 ml	110	167	29/32	8	
BFF3-1K0-006	1000 ml	140	199	29/32	6	
BFF3-2K0-002	2000 ml	175	234	29/32	2	



BOILING FLASK FLAT BOTTOM

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4797 and USP standard



reference	capacity	∅ (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
BFFG-101-001	100 ml	64	105	29/32	1	
BFFG-250-001	250 ml	85	130	29/32	1	
BFFG-500-001	500 ml	105	160	29/32	1	
BFFG-1K0-001	1000 ml	131	187	29/32	1	
BFFG-2K0-001	2000 ml	166	230	29/32	1	
"Saving package"						
BFFG-101-010	100 ml	64	105	29/32	10	
BFFG-250-010	250 ml	85	130	29/32	10	
BFFG-500-010	500 ml	105	160	29/32	10	
BFFG-1K0-010	1000 ml	131	187	29/32	10	
BFFG-2K0-006	2000 ml	166	230	29/32	6	



KJELDAHL FLASK, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3



reference	capacity	∅ _{bulb} (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
NFK3-500-002	500 ml	107	310	29/32	2	
NFK3-1K0-001	1000 ml	130	370	29/32	1	



FLASK, PEAR SHAPE, STANDARD GROUND MOUTH

Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h (mm)	joint ST/NS	pcs/pack	price/pack
FLP3-010-001	10 ml	30	79	14/23	1	
FLP3-025-001	25 ml	40	93	14/23	1	
FLP3-050-001	50 ml	50	108	14/23	1	
FLP3-100-001	100 ml	60	118	14/23	1	



FLASK, ROUND BOTTOM WITH TWO NECKS

Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h _{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack
BF23-250-001	250 ml	88	145	29/32	14/23	1	
BF23-252-001	250 ml	88	145	29/32	19/26	1	
BF23-254-001	250 ml	88	145	19/26	19/26	1	
BF23-253-001	250 ml	88	145	24/29	19/26	1	
BF23-500-001	500 ml	110	167	29/32	14/23	1	
BF23-502-001	500 ml	110	167	29/32	19/26	1	
BF23-1K0-001	1000 ml	140	200	29/32	14/23	1	
BF23-1K2-001	1000 ml	140	200	29/32	19/26	1	

FLASK, ROUND BOTTOM WITH THREE NECKS (PARALLEL)

Made of borosilicate glass LBG 3.3

reference	capacity	∅ (mm)	h _{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack
BFS3-100-001	100 ml	64	105	24/29	19/26	1	
BFS3-102-001	100 ml	64	105	24/29	14/23	1	
BFS3-250-001	250 ml	88	145	29/32	14/23	1	
BFS3-252-001	250 ml	88	145	29/32	19/26	1	
BFS3-500-001	500 ml	110	167	29/32	14/23	1	
BFS3-502-001	500 ml	110	167	29/32	19/26	1	
BFS3-1K0-001	1000 ml	140	200	29/32	29/32	1	
BFS3-1K2-001	1000 ml	140	200	29/32	19/26	1	

LBG

**FLASK, ROUND BOTTOM WITH THREE NECKS (SIDE ANGLE)**

Made of borosilicate glass LBG 3.3

reference	capacity	∅ (mm)	h _{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack
BFO3-100-001	100 ml	64	105	29/32	14/23	1	
BFO3-103-001	100 ml	64	105	24/29	19/26	1	
BFO3-105-001	100 ml	64	105	19/26	14/23	1	
BFO3-250-001	250 ml	88	145	29/32	14/23	1	
BFO3-252-001	250 ml	88	145	29/32	19/26	1	
BFO3-253-001	250 ml	88	145	24/29	19/26	1	
BFO3-254-001	250 ml	88	145	19/26	19/26	1	
BFO3-500-001	500 ml	110	167	29/32	14/23	1	
BFO3-502-001	500 ml	110	167	29/32	19/26	1	
BFO3-1K0-001	1000 ml	140	200	29/32	14/23	1	
BFO3-1K1-001	1000 ml	140	200	29/32	29/32	1	
BFO3-1K2-001	1000 ml	140	200	29/32	19/26	1	

LBG

**FLASK, ROUND BOTTOM WITH FOUR NECKS (SIDE ANGLE)**

Made of borosilicate glass 3.3

reference	capacity	∅ (mm)	h _{total} (mm)	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack
BFO4-250-001	250	85	140	29/32	14/23	1	
BFO4-252-001	250	85	140	29/32	19/26	1	
BFO4-500-001	500	105	163	29/32	14/23	1	
BFO4-502-001	500	105	163	29/32	19/26	1	
BFO4-1K0-001	1000	131	200	29/32	19/26	1	
BFO4-1K2-001	1000	131	200	29/32	29/32	1	

LBG



LBG

FLASK, ERLLENMEYER, STANDARD GROUND MOUTH



Made of borosilicate glass LBG 3.3



reference	capacity	∅ (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
CFL3-005-001	5 ml	25	50	14/23	1	
CFL3-010-001	10 ml	32	60	14/23	1	
CFL3-025-001	25 ml	42	70	14/23	1	
CFL3-050-001	50 ml	51	85	14/23	1	
CFL3-052-001	50 ml	51	85	19/26	1	
CFL3-100-001	100 ml	64	105	14/23	1	
CFL3-102-001	100 ml	64	105	19/26	1	
CFL3-103-001	100 ml	64	105	24/29	1	
CFL3-101-001	100 ml	64	105	29/32	1	
CFL3-252-001	250 ml	85	135	19/26	1	
CFL3-251-001	250 ml	85	135	24/29	1	
CFL3-250-001	250 ml	85	128	29/32	1	
CFL3-503-001	500 ml	105	170	24/29	1	
CFL3-500-001	500 ml	105	165	29/32	1	
CFL3-1K3-001	1000 ml	131	210	24/29	1	
CFL3-1K0-001	1000 ml	131	210	29/32	1	
CFL3-2K0-001	2000 ml	166	275	29/32	1	
"Saving package"						
CFL3-005-012	5 ml	25	50	14/23	12	
CFL3-010-012	10 ml	32	60	14/23	12	
CFL3-025-012	25 ml	42	70	14/23	12	
CFL3-050-012	50 ml	51	85	14/23	12	
CFL3-052-012	50 ml	51	85	19/26	12	
CFL3-100-012	100 ml	64	105	14/23	12	
CFL3-102-012	100 ml	64	105	19/26	12	
CFL3-103-012	100 ml	64	105	24/29	12	
CFL3-101-012	100 ml	64	105	29/32	12	
CFL3-252-010	250 ml	85	135	19/26	10	
CFL3-251-010	250 ml	85	135	24/29	10	
CFL3-250-010	250 ml	85	128	29/32	10	
CFL3-503-008	500 ml	105	170	24/29	8	
CFL3-500-008	500 ml	105	165	29/32	8	
CFL3-1K3-006	1000 ml	131	210	24/29	6	
CFL3-1K0-006	1000 ml	131	210	29/32	6	
CFL3-2K0-002	2000 ml	166	275	29/32	2	



To prevent leakage during use and to facilitate separation of the ground joints, lubricate the ground surfaces with non-toxic silicone laboratory grease. Apply a thin layer of grease around the top of the joint.

Although silicone grease is widely used for this purpose, you should always consider compatibility in the particular conditions of use. You can also insert a flexible PTFE gasket between the two frosted parts to be connected.

FLASK, ERLLENMEYER, STANDARD GROUND MOUTH

Made of 3.3 borosilicate glass (upper grade). In compliance with ISO 4797 standard



reference	capacity	∅ (mm)	h _{total} (mm)	joint ST/NS	pcs/pack	price/pack
CFLG-102-001	100 ml	64	100	19/26	1	
CFLG-103-001	100 ml	64	100	24/29	1	
CFLG-101-001	100 ml	64	100	29/32	1	
CFLG-252-001	250 ml	85	140	19/26	1	
CFLG-251-001	250 ml	85	140	24/29	1	
CFLG-250-001	250 ml	85	140	29/32	1	
CFLG-503-001	500 ml	105	175	24/29	1	
CFLG-500-001	500 ml	105	175	29/32	1	
CFLG-1K0-001	1000 ml	131	220	29/32	1	
CFLG-2K0-001	2000 ml	166	270	29/32	1	
"Saving package"						
CFLG-102-010	100 ml	64	100	19/26	10	
CFLG-103-010	100 ml	64	100	24/29	10	
CFLG-101-010	100 ml	64	100	29/32	10	
CFLG-252-010	250 ml	85	140	19/26	10	
CFLG-251-010	250 ml	85	140	24/29	10	
CFLG-250-010	250 ml	85	140	29/32	10	
CFLG-503-010	500 ml	105	175	24/29	10	
CFLG-500-010	500 ml	105	175	29/32	10	
CFLG-1K0-010	1000 ml	131	220	29/32	10	
CFLG-2K0-006	2000 ml	166	270	29/32	6	

**GAS WASHING BOTTLE, DRECHSEL**

Made of borosilicate glass 3.3. The complete set includes a body and a head. For tubes of 8 mm internal diameter (not included). According to DIN 12596



reference	description	pcs/pack	price/pack
GWS3-250-001	complete set 250 ml, 29/32	1	
GWB3-250-001	body 250 ml, 29/32	1	
GWH3-250-001	head for 250 ml body, 29/32, ∅ _{tubing} 8 mm	1	
GWS3-500-001	complete set 500 ml, 29/32	1	
GWB3-500-001	body 500 ml, 29/32	1	
GWH3-500-001	head for 500 ml body, 29/32, ∅ _{tubing} 8 mm	1	

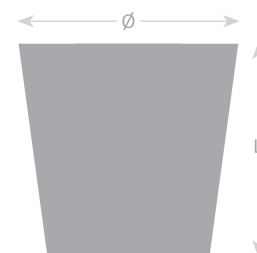
**GROUND JOINTS**

Ground glass seals or joints are used in the laboratory to connect different pieces of glass to each other in a leak-proof manner or as an adjustment made in glass stoppers. They can be of two types, male or female. They have a 1:10 conical shape (10% taper) and are designed according to the following measurements:

∅ - Diameter of the widest end of the frosted zone (mm)

L - Length of the frosted area (mm)

The measures that Labbox supplies follow the European standard ISO with common union sizes like: 10/19, 14/23, 19/26, 24/29, 29/32 and 45/40.



LBG

CONDENSER, STRAIGHT SHAPE (LIEBIG-WEST)Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack
CSS3-080-002	80	175	14/23	2	
CSS3-150-002	150	254	14/23	2	
CSS3-200-002	200	305	14/23	2	
CSS3-201-002	200	360	29/32	2	
CSS3-202-002	200	360	19/26	2	
CSS3-203-002	200	360	24/29	2	
CSS3-300-002	300	460	29/32	2	
CSS3-400-002	400	560	29/32	2	
CSS3-500-001	500	660	29/32	1	
CSS3-600-001	600	760	29/32	1	

LABBOX

CONDENSER, STRAIGHT SHAPE (LIEBIG-WEST)Made of 3.3 borosilicate glass (upper grade). In compliance with DIN 12576 standard. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack
CSSG-160-001	160	265	14/23	1	
CSSG-202-001	200	320	19/26	1	
CSSG-250-001	250	385	29/32	1	
CSSG-300-001	300	445	29/32	1	
CSSG-400-001	400	530	29/32	1	

LBG

CONDENSER WITH BULBED INNER TUBE (ALLIHN)Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	bulb quantity	joint ST/NS	pcs/pack	price/pack
ALC3-150-002	150	235	4	14/23	2	
ALC3-200-002	200	295	4	14/23	2	
ALC3-201-002	200	360	4	29/32	2	
ALC3-300-002	300	405	6	14/23	2	
ALC3-301-002	300	460	6	29/32	2	
ALC3-400-002	400	560	6	29/32	2	
ALC3-500-001	500	660	10	29/32	1	
ALC3-600-001	600	760	12	29/32	1	

LABBOX

CONDENSER WITH BULBED INNER TUBE (ALLIHN)Made of 3.3 borosilicate glass (upper grade). In compliance with DIN 12581 standard. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	bulb quantity	joint ST/NS	pcs/pack	price/pack
ALCG-250-001	250	410	5	29/32	1	
ALCG-300-001	300	455	6	29/32	1	
ALCG-400-001	400	565	8	29/32	1	

LBG

GRAHAM CONDENSER (INLAND REVENUE)Made of borosilicate glass LBG 3.3. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack
CIC3-150-002	150	235	14/23	2	
CIC3-200-002	200	295	14/23	2	
CIC3-300-002	300	460	29/32	2	
CIC3-400-002	400	560	29/32	2	
CIC3-500-001	500	660	29/32	1	
CIC3-600-001	600	760	29/32	1	

LBG

GRAHAM CONDENSER (INLAND REVENUE)Made of 3.3 borosilicate glass (upper grade). Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack
CICG-250-001	250	365	14/23	1	
CICG-300-001	300	440	29/32	1	
CICG-400-001	400	545	29/32	1	
CICG-500-001	500	630	29/32	1	

LBG

DIMROTH CONDENSERMade of borosilicate glass LBG 3.3. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack
DRO3-150-001	150	235	14/23	1	
DRO3-200-001	200	295	14/23	1	
DRO3-201-001	200	360	29/32	1	
DRO3-300-001	300	460	29/32	1	
DRO3-400-001	400	560	29/32	1	
DRO3-500-001	500	660	29/32	1	

LBG

DIMROTH CONDENSER WITH PTFE SCREWTHREAD CONNECTORSMade of borosilicate glass LBG 3.3. Hose connector is GL 14 PTFE threaded and is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	l_{useable} (mm)	l_{total} (mm)	joint ST/NS	pcs/pack	price/pack
DROT-200-001	200	295	14/23	1	
DROT-300-001	300	460	29/32	1	
DROT-400-001	400	560	29/32	1	

Accessories and spare parts

DROT-A01-001	PTFE screwthread connector	1		
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LBG

FRACTIONATING COLUMN, VIGREUX

Made of borosilicate glass LBG 3.3. Without sleeve

reference	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack
VIG3-360-001	360	29/32	1	



**LBG****CONNECTION TUBE WITH TWO PARALLEL NECKS**

Made of borosilicate glass LBG 3.3

reference	central joint ST/NS	side joint ST/NS	pcs/pack	price/pack
CON3-001-001	14/23	14/23	1	
CON3-002-001	29/32	29/32	1	

A



C

LBG**DISTILLING HEAD**

Made of borosilicate glass LBG 3.3

reference	joint ST/NS (A)	joint ST/NS (B)	joint ST/NS (C)	pcs/pack	price/pack
DIH3-001-001	14/23	14/23	14/23	1	
DIH3-002-001	14/23	29/32	29/32	1	
DIH3-003-001	29/32	29/32	29/32	1	

**DOUBLE ANGLED ADAPTER, MALE**

Made of borosilicate glass LBG 3.3. Used in distillation assembly

reference	l (mm)	joint ST/NS	pcs/pack	price/pack
AD23-001-001	250	14/23	1	
AD23-002-001	250	29/32	1	

LBG**KJELDAHL BULB, STANDARD GROUND MOUTH**

Made of borosilicate glass LBG 3.3

reference	capacity	joint ST/NS	pcs/pack	price/pack
SPB3-001-001	250 ml	29/32	1	

LBG**RECEIVER ADAPTER, PLAIN, BENT AT 105°**

Made of borosilicate glass LBG 3.3

reference	l (mm)	joint ST/NS	pcs/pack	price/pack
ADA3-001-001	120	14/23	1	
ADA3-002-001	150	29/32	1	

LBG**RECEIVER ADAPTER, BENT AT 105°, WITH LATERAL HOSE**

Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack
REC3-001-001	14/23	1	
REC3-002-001	29/32	1	



RECEIVER ADAPTER, BENT AT 105°, WITH INTERNAL TUBE AND LATERAL HOSE

Made of borosilicate glass LBG 3.3

LBG



reference	joint ST/NS	pcs/pack	price/pack
RET3-001-001	14/23	1	
RET3-004-001	19/26	1	
RET3-003-001	24/29	1	
RET3-002-001	29/32	1	

**REDUCTION AND EXPANSION ADAPTERS**

Made of borosilicate glass LBG 3.3

LBG



reference	socket size (female)	cone size (male)	pcs/pack	price/pack
EXA3-002-001	14/23	19/26	1	
EXA3-003-001	14/23	24/29	1	
EXA3-001-001	14/23	29/32	1	
EXA3-004-001	19/26	24/29	1	
EXA3-005-001	19/26	29/32	1	
EXA3-006-001	24/29	29/32	1	
REA3-002-001	19/26	14/23	1	
REA3-003-001	24/29	14/23	1	
REA3-004-001	24/29	19/26	1	
REA3-001-001	29/32	14/23	1	
REA3-005-001	29/32	19/26	1	
REA3-006-001	29/32	24/29	1	

**SUCTION ADAPTER**

Made of borosilicate glass LBG 3.3

LBG



reference	joint ST/NS	pcs/pack	price/pack
SUC3-001-001	14/23	1	
SUC3-002-001	29/32	1	

**JOINTED ADAPTER (MALE) WITH PTFE KEY STOPCOCK**

Made of borosilicate glass LBG 3.3. 9 mm hose connector for 8 mm inner diameter tubing. Angled or straight

LABBOX



reference	joint ST/NS	description	pcs/pack	price/pack
ADFL-001-001	14/23	angled connection	1	
ADFL-002-001	19/26	angled connection	1	
ADFL-003-001	24/29	angled connection	1	
ADFL-004-001	29/32	angled connection	1	
ADFL-005-001	14/23	straight connection	1	
ADFL-006-001	19/26	straight connection	1	
ADFL-007-001	24/29	straight connection	1	
ADFL-008-001	29/32	straight connection	1	




LBG | **DISTILLING BEND, 75° BENT**


Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack
DHE3-001-001	14/23	1	
DHE3-002-001	29/32	1	


astik's | **PLASTIC STOPPER, CONICAL, WITH TUBING CONNECTION**

 Made of polypropylene. Includes two hose-adapters for \varnothing 8 mm tubing

reference	joint ST/NS	pcs/pack	price/pack
STCP-001-001	29/32	1	


LBG | **HOLLOW STOPPER, STANDARD GROUND MOUTH**


Made of borosilicate glass LBG 3.3

reference	joint ST/NS	pcs/pack	price/pack
STO3-001-001	14/23	1	
STO3-002-001	29/32	1	


LBG | **STOPPER, HEXAGONAL HEAD**


Made of borosilicate glass LBG 3.3

reference	joint ST/NS	type	pcs/pack	price/pack
STP3-003-001	10/19	conical bottom	1	
STP3-001-001	14/23	conical bottom	1	
STP3-019-001	19/26	conical bottom	1	
STP3-024-001	24/29	conical bottom	1	
STP3-002-001	29/32	conical bottom	1	


astik's | **PLASTIC STOPPER FOR STANDARD GROUND MOUTH**


Made of polypropylene. Hollow. Autoclavable

reference	joint ST/NS	pcs/pack	price/pack
STOP-014-010	14/23	10	
STOP-019-010	19/26	10	
STOP-024-010	24/29	10	
STOP-029-010	29/32	10	

FLAT HEAD STOPPER, PTFE

Leak proof. Can be used up to 270 °C

astik's



reference	joint ST/NS	h (mm)	pcs/pack	price/pack
FHSP-119-001	10/19	31	1	
FHSP-123-001	14/23	34	1	
FHSP-126-001	19/26	38	1	
FHSP-229-001	24/29	44	1	
FHSP-232-001	29/32	47	1	

**CONNECTION PIECE, CONE ANGLE 90°**

Made of borosilicate glass LBG 3.3

LBG



reference	joint ST/NS	\varnothing_{side} hose (mm)	pcs/pack	price/pack
ADS3-001-001	14/23	9	1	
ADS3-003-001	19/26	9	1	
ADS3-004-001	24/29	9	1	
ADS3-002-001	29/32	9	1	

**DRYING TUBE, OBLIQUE SHAPE**

Made of borosilicate glass LBG 3.3

LBG



reference	h (mm)	h_{total} (mm)	joint ST/NS	pcs/pack	price/pack
DRY3-001-001	90	120	14/23	1	
DRY3-003-001	90	120	19/26	1	
DRY3-004-001	90	120	24/29	1	
DRY3-002-001	90	120	29/32	1	

**FUNNEL, STANDARD GROUND MOUTH**

Made of borosilicate glass LBG 3.3

LBG



reference	\varnothing_{top} (mm)	joint ST/NS	pcs/pack	price/pack
FUN3-040-001	40	14/23	1	
FUN3-060-001	60	14/23	1	

**PRESSURE EQUALIZING DROPPING FUNNEL, CYLINDRICAL, WITH PTFE STOPCOCK**

Made of top quality 3.3 borosilicate glass. Plastic stopper included



reference	capacity	socket size (female)	cone size (male)	pcs/pack	price/pack
FTP3-050-001	50 ml	14/23	14/23	1	
FTP3-100-001	100 ml	14/23	14/23	1	
FTP3-102-001	100 ml	19/26	19/26	1	
FTP3-103-001	100 ml	29/32	29/32	1	
FTP3-250-001	250 ml	29/32	29/32	1	
FTP3-500-001	500 ml	29/32	29/32	1	





DROPPING FUNNEL, CYLINDRICAL, STANDARD GROUND MOUTH, WITH PTFE STOPCOCK

Made of top quality 3.3 borosilicate glass. Plastic stopper included

reference	capacity	socket size (female)	cone size (male)	pcs/pack	price/pack
FTY3-050-001	50 ml	14/23	14/23	1	
FTY3-100-001	100 ml	14/23	14/23	1	
FTY3-102-001	100 ml	19/26	19/26	1	
FTY3-103-001	100 ml	29/32	29/32	1	
FTY3-250-001	250 ml	29/32	29/32	1	
FTY3-500-001	500 ml	29/32	29/32	1	
FTY3-1K0-001	1000 ml	29/32	29/32	1	



GLASS PROBE/THERMOMETER HOLDER

Made of top quality 3.3 borosilicate glass

reference	joint ST/NS	type	pcs/pack	price/pack
TPH3-006-001	14/23	for Ø 6-7 mm thermometers	1	
TPH3-004-001	19/26	for Ø 6-7 mm thermometers	1	
TPH3-007-001	29/32	for Ø 6-7 mm thermometers	1	

astiK's



PTFE PROBE/THERMOMETER HOLDER

Made of pure PTFE. Fully adjustable with replacement Viton seal

reference	type	pcs/pack	price/pack
TPHT-006-001	14/23, for Ø 6 mm thermometers	1	
TPHT-008-001	14/23, for Ø 8 mm thermometers	1	
Accessories and spare parts			
TPHT-S06-005	spare joints for TPHT-006-001	5	
TPHT-S08-005	spare joints for TPHT-008-001	5	



astiK's

CONICAL HEAD CLIP, PLASTIC

Manufactured in POM (Polyoxymethylene). Will not scratch glass surfaces

reference	type	pcs/pack	price/pack
CHCP-014-010	orange, for 14/23 joints	10	
CHCP-019-010	blue, for 19/26 joints	10	
CHCP-024-010	green, for 24/29 joints	10	
CHCP-029-010	red, for 29/32 joints	10	



astiK's



CONICAL HEAD CLIP, PTFE

Manufactured from pure PTFE with totally encapsulated steel springs. Chemically inert. Usable up to 280 °C

reference	type	pcs/pack	price/pack
CHPT-010-001	for 10/19 joints	1	
CHPT-014-001	for 14/23 joints	1	
CHPT-019-001	for 19/26 joints	1	
CHPT-024-001	for 24/29 joints	1	
CHPT-029-001	for 29/32 joints	1	



CONICAL HEAD CLIP, STEEL


Traditional clips made of steel wire

reference	type	pcs/pack	price/pack
CHCS-014-010	for 14/23 joints	10	
CHCS-019-010	for 19/26 joints	10	
CHCS-024-010	for 24/29 joints	10	
CHCS-029-010	for 29/32 joints	10	

clink

**SILICONE GREASE FOR GROUND GLASS JOINTS**

Silicone grease for the lubrication of ground glass joints, desiccators lids or glass stopcocks. Temperature range from -50 to 180 °C. LBSil 25 shows an excellent lubrication power and good resistance to cold and hot water, and to chemical agents

reference	type	package	price/pack
SGRE-025-100	LBSil 25, 100 g package	 100 g	

labkem

**FLEXIBLE PTFE SLEEVES FOR GLASS JOINTS**

Eliminate the use of grease. Withstands low to medium vacuum. Usable at up to 280 °C

reference	joint ST/NS	pcs/pack	price/pack
PTST-014-010	14/23	10	
PTST-019-010	19/26	10	
PTST-024-010	24/29	10	
PTST-029-010	29/32	10	

astik's

**SIMPLE DISTILLATION EQUIPMENT SET**

Made of top quality 3.3 borosilicate glass. This equipment is composed of 1 Liebig West, straight-shape condenser 250 mm, 1 round bottom flask of 250 ml, 1 bent connecting adapter with thermometer adapter, 1 bent distillation adapter, 1 thermometer (-10 to +110 °C) and all POM clips for 29/32 ground joints. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	description	pcs/pack	price/pack
APP3-001-001	simple distillation kit	1	

**FRACTIONAL DISTILLATION EQUIPMENT SET (WITH VIGREUX COLUMN)**

Made of top quality 3.3 borosilicate glass. This equipment is composed of 1 Vigreux column of 320 mm, 1 Liebig West, straight-shape condenser 250 mm, 1 round bottom flask of 250 ml, 1 bent connecting adapter with thermometer adapter, 1 bent distillation adapter, 1 thermometer (-10 to +110 °C) and all POM clips for 29/32 ground joints. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 8 mm

reference	description	pcs/pack	price/pack
APP3-002-001	fractional distillation kit	1	



PRAT DUMAS**QUALITATIVE FILTER PAPER FOR GENERAL USE, MEDIUM FLOW RATE**

Maximum ash content 0.10%. Vellum paper used for general laboratory filtration. Surface weight 65 g/m², pore 7 - 10 µm, thickness 170 µm. Available in flat disks (packed in foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 93



reference	∅ (mm)	type	pcs/pack	price/pack
QLPG-070-100	70	disk	100	
QLPG-090-100	90	disk	100	
QLPG-110-100	110	disk	100	
QLPG-125-100	125	disk	100	
QLPG-150-100	150	disk	100	
QLPG-185-100	185	disk	100	
QLPG-240-100	240	disk	100	
QLPG-111-100	110	folded	100	
QLPG-126-100	125	folded	100	
QLPG-151-100	150	folded	100	
QLPG-186-100	185	folded	100	
QLPG-201-100	200	folded	100	
QLPG-241-100	240	folded	100	
QLPG-251-100	250	folded	100	
QLPG-401-100	400	folded	100	

BRANCHIA**QUALITATIVE FILTER PAPER FOR GENERAL USE, MEDIUM FLOW RATE**

For general laboratory use. Medium flow rate. Weight 65 g/m², thickness 180 µm, filtration time 30 s, retention 7 - 10 µm, wet bursting strength > 30 kPa, ash content < 0,1%. Available in discs. Equivalence: Whatman 93



reference	∅ (mm)	type	pcs/pack	price/pack
BLPG-070-100	70	disk	100	
BLPG-090-100	90	disk	100	
BLPG-110-100	110	disk	100	
BLPG-125-100	125	disk	100	
BLPG-150-100	150	disk	100	
BLPG-185-100	185	disk	100	
BLPG-240-100	240	disk	100	

GLASS FIBER AND PAPER FILTERS

High Quality
Great variety of samples
Different filtration speeds
Low / very low ash content
Qualitative and quantitative
HEPA glass fiber filters

BRANCHIA

PRAT DUMAS**QUALITATIVE FILTER PAPER FOR GENERAL USE, VERY HIGH FLOW RATE**

Maximum ash content 0.06%. Paper made of long cotton fibers for thick and sticky liquids filtration. Thick and very resistant paper, offering the fastest flow among qualitative filters. Surface weight 130 g/m², pore 25 - 30 µm, thickness 430 µm. Available in flat disks and folded. Equivalence: Whatman 114

reference	∅ (mm)	type	pcs/pack	price/pack
QLPV-070-100	70	disk	100	
QLPV-090-100	90	disk	100	
QLPV-110-100	110	disk	100	
QLPV-125-100	125	disk	100	
QLPV-150-100	150	disk	100	
QLPV-185-100	185	disk	100	
QLPV-240-100	240	disk	100	
QLPV-111-100	110	folded	100	
QLPV-126-100	125	folded	100	
QLPV-151-100	150	folded	100	
QLPV-186-100	185	folded	100	
QLPV-201-100	200	folded	100	
QLPV-241-100	240	folded	100	
QLPV-251-100	250	folded	100	

**CROSS-REFERENCES CHART**


Labbox	Branchia	Whatman	Prat Dumas	Albet	Filter-lab	Macherey Nagel	Fioroni	S & S
QLPG	BLPG	93	106	–	–	713	122, 600	
QLPV	BLPV	114	607	400	1300			0860, 0859
QLDS	BLDS	5	210	414, FP602h	1256	619	115	602eh
QLDM	BLDM	1	108	412, FP595, FP597	1250	615	601	595
QLDF	BLDF	4	609	411, FP604	1248	617	111	604
QNHS	BNHS	50	601	501, FP1575	2244	1640d	155	1575
QNHM	BNHM	52	600	502, FP1574	2240	1640m	153	1574
QNHF	BNHF	54	603	503, FP1573	2235	1640we	151	1573
QNDS	BNDS	42	6601	150, FP589/3	1244	640d	15	589/3
QNDM	BNDM	40	6600	145, FP589/5	1242	640md	13	589/5
QNDF	BNDF	41	6602	140, FP589/2	1240	640m	12	589/2

Notes: the cross-references between different paper filter manufacturers are shown only as mere information to make the change to another brand easier. Two paper filters are never equal and we recommend you to make a test before using it. The above mentioned brands are registered marks of their respective owners and do not have any connection with Labbox

BRANCHIA

QUALITATIVE FILTER PAPER FOR GENERAL USE, VERY HIGH FLOW RATE

Crèpped surface, rough, for general laboratory use. Very high flow rate. Weight 70 g/m², thickness 250 µm, retention 25 µm, pressure difference 8 mmWG, ash content <0.1%. Available in discs. Equivalence: Whatman 114





reference	∅ (mm)	type	pcs/pack	price/pack
BLPV-070-100	70	disk	100	
BLPV-090-100	90	disk	100	
BLPV-110-100	110	disk	100	
BLPV-125-100	125	disk	100	
BLPV-150-100	150	disk	100	
BLPV-185-100	185	disk	100	
BLPV-240-100	240	disk	100	

PRAT DUMAS

QUALITATIVE FILTER PAPER, LOW ASH, LOW FLOW RATE

Low ash content paper (max 0.06%) used for fine filtration of small particles precipitates. Surface weight 100 g/m², pore 2 - 3 µm, thickness 200 µm. Available in flat disks and folded. Equivalence: Whatman 5





reference	∅ (mm)	type	pcs/pack	price/pack
QLDS-070-100	70	disk	100	
QLDS-090-100	90	disk	100	
QLDS-110-100	110	disk	100	
QLDS-125-100	125	disk	100	
QLDS-150-100	150	disk	100	
QLDS-185-100	185	disk	100	
QLDS-240-100	240	disk	100	
QLDS-111-100	110	folded	100	
QLDS-126-100	125	folded	100	
QLDS-151-100	150	folded	100	
QLDS-201-100	200	folded	100	
QLDS-251-100	250	folded	100	
QLDS-401-100	400	folded	100	

BRANCHIA

QUALITATIVE FILTER PAPER, LOW FLOW RATE

Low ash paper (<0.06%). Low flow rate, suitable for fine particle filtration. It is used in difficult filtration conditions, extra-fine precipitates, barium sulfate and copper oxide, as well as for the clarification of cloudy suspensions. Specified for wine clarification. Weight 85 g / m², thickness 170 µm, filtration time 300 s, retention 3 - 5 µm, air flow 93 s / 100 ml / in², Herzberg 2500 s / 100 ml, wet bursting strength >30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 5



reference	∅ (mm)	type	pcs/pack	price/pack
BLDS-070-100	70	disk	100	
BLDS-090-100	90	disk	100	
BLDS-110-100	110	disk	100	
BLDS-125-100	125	disk	100	
BLDS-150-100	150	disk	100	
BLDS-185-100	185	disk	100	
BLDS-240-100	240	disk	100	

QUALITATIVE FILTER PAPER, LOW ASH, MEDIUM FLOW RATE

Superior Vellum paper made of pure cellulose and low ash (max 0.06%). General use in laboratory
Surface weight 85 g/m², pore 10 - 12 µm, thickness 200 µm. Available in flat disks and folded. Equivalence:
Whatman 1

reference	∅ (mm)	type	pcs/pack	price/pack
QLDM-070-100	70	disk	100	
QLDM-090-100	90	disk	100	
QLDM-110-100	110	disk	100	
QLDM-125-100	125	disk	100	
QLDM-150-100	150	disk	100	
QLDM-185-100	185	disk	100	
QLDM-240-100	240	disk	100	
QLDM-111-100	110	folded	100	
QLDM-126-100	125	folded	100	
QLDM-151-100	150	folded	100	
QLDM-201-100	200	folded	100	
QLDM-251-100	250	folded	100	
QLDM-401-100	400	folded	100	

PRAT DUMAS**QUALITATIVE FILTER PAPER, MEDIUM FLOW RATE**

Low ash paper (<0.06%). Medium flow rate, suitable for a wide range of laboratory applications, frequently
used in liquid clarification. It is used for rapid filtration of fine precipitates such as lead sulfate, hot calcium
oxalate and calcium carbonate, as well as for routine techniques in the food and environmental industry.
Weight 85 g / m², thickness 180 µm, filtration time 40 s, retention 10 - 13 µm, air flow 11 s / 100 ml / in²,
Herzberg 170 s / 100 ml, wet bursting strength > 30 kPa. Available in discs. Equivalence: Whatman 1

reference	∅ (mm)	type	pcs/pack	price/pack
BLDM-070-100	70	disk	100	
BLDM-090-100	90	disk	100	
BLDM-110-100	110	disk	100	
BLDM-125-100	125	disk	100	
BLDM-150-100	150	disk	100	
BLDM-185-100	185	disk	100	
BLDM-240-100	240	disk	100	

BRANCHIA**LABBOX COMMITMENTS**

1

EVERY DAY
LOW PRICES

2

FAST
DELIVERY

3

SATISFIED OR
YOUR MONEY BACK

PRAT DUMAS**QUALITATIVE FILTER PAPER, LOW ASH, HIGH FLOW RATE**

Low ash paper (max 0.06%) made of cotton fibers, used for thick and sticky liquids filtration. Surface weight 85 g/m², pore 10 - 12 µm, thickness 200 µm. Available in flat disks and folded. Equivalence: Whatman 4



reference	∅ (mm)	type	pcs/pack	price/pack
QLDF-070-100	70	disk	100	
QLDF-090-100	90	disk	100	
QLDF-110-100	110	disk	100	
QLDF-125-100	125	disk	100	
QLDF-150-100	150	disk	100	
QLDF-185-100	185	disk	100	
QLDF-240-100	240	disk	100	
QLDF-111-100	110	folded	100	
QLDF-126-100	125	folded	100	
QLDF-151-100	150	folded	100	
QLDF-201-100	200	folded	100	
QLDF-251-100	250	folded	100	
QLDF-401-100	400	folded	100	

BRANCHIA**QUALITATIVE FILTER PAPER, HIGH FLOW RATE**

Low ash paper (<0.06%) made of cotton fibers. High flow rate, suitable for the retention of coarse precipitates, such as hydroxides and metal sulphides, and gelatinous substances. It is also used for rapid filtering of organometallic precipitates, routine cleaning of biological fluids, analysis in the food industry, etc. Weight 85 g / m², thickness 210 µm, filtration time 10 s, retention 15 - 20 µm, wet bursting strength > 30 kPa. Available in discs. Equivalence: Whatman 4



reference	∅ (mm)	type	pcs/pack	price/pack
BLDF-070-100	70	disk	100	
BLDF-090-100	90	disk	100	
BLDF-110-100	110	disk	100	
BLDF-125-100	125	disk	100	
BLDF-150-100	150	disk	100	
BLDF-185-100	185	disk	100	
BLDF-240-100	240	disk	100	

PRAT DUMAS**ASHLESS QUANTITATIVE FILTER PAPER, LOW FLOW RATE**

Ash-free paper (max 0.002%) made exclusively of cellulose cotton fibers. Used for critical gravimetric analysis. Surface weight 80 g/m², pore 7 - 9 µm, thickness 290 µm. Available in flat disks. Equivalence: Whatman 42



reference	∅ (mm)	type	pcs/pack	price/pack
QNDS-070-100	70	disk	100	
QNDS-090-100	90	disk	100	
QNDS-110-100	110	disk	100	
QNDS-125-100	125	disk	100	
QNDS-150-100	150	disk	100	

ASHLESS QUANTITATIVE FILTER PAPER, LOW FLOW RATE

Ashless paper (<0.007%) made of cotton fibers. Very low flow rate, adequate for fine particles retention. Suitable for precipitate filtration of cold barium sulphate, lead sulphate, zinc and nickel sulphides, etc. Weight 100 g / m², thickness 160 µm, filtration time 300 s, retention 2 - 3 µm, wet bursting strength > 20 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 42

reference	∅ (mm)	type	pcs/pack	price/pack
BNDS-070-100	70	disk	100	
BNDS-090-100	90	disk	100	
BNDS-110-100	110	disk	100	
BNDS-125-100	125	disk	100	
BNDS-150-100	150	disk	100	

BRANCHIA**ASHLESS QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE**

Ash-free paper (max 0.002%) made exclusively of cellulose cotton fibers. Used for routine gravimetric analysis. Intermediate filter in terms of flow rate and retention. Surface weight 80 g/m², pore 8 - 12 µm, thickness 270 µm. Available in flat disks. Equivalence: Whatman 40

reference	∅ (mm)	type	pcs/pack	price/pack
QNDM-070-100	70	disk	100	
QNDM-090-100	90	disk	100	
QNDM-110-100	110	disk	100	
QNDM-125-100	125	disk	100	
QNDM-150-100	150	disk	100	

PRAT DUMAS**ASHLESS QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE**

Ashless paper (<0.007%) made of cotton fibers for medium-slow filtration. Used for gravimetric analysis for numerous components, as well as all types of pre-filtrations. Suitable as a primary filter to separate solid matter and fine precipitates from aqueous extracts, soil analysis and quantitative determinations of fats and oils in water, sediments in milk and cleaning of solutions for AAS (Atomic Absorption Spectrophotometry). Weight 85 g / m², thickness 170 µm, filtration speed 100 s, retention 7 - 9 µm, wet bursting strength > 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 40

reference	∅ (mm)	type	pcs/pack	price/pack
BNDM-070-100	70	disk	100	
BNDM-090-100	90	disk	100	
BNDM-110-100	110	disk	100	
BNDM-125-100	125	disk	100	
BNDM-150-100	150	disk	100	

BRANCHIA

PRAT DUMAS**ASHLESS QUANTITATIVE FILTER PAPER, HIGH FLOW RATE**

Ash-free paper (max 0.002%) made exclusively of cellulose cotton fibers. Its quick flow rate makes it recommendable for large precipitates, such as iron hydroxide and other metal sulfates. Surface weight 80 g/m², pore 10 - 15 µm, thickness 250 µm. Available in flat disks. Equivalence: Whatman 41



reference	∅ (mm)	type	pcs/pack	price/pack
QNDF-070-100	70	disk	100	
QNDF-090-100	90	disk	100	
QNDF-110-100	110	disk	100	
QNDF-125-100	125	disk	100	
QNDF-150-100	150	disk	100	

BRANCHIA**ASHLESS QUANTITATIVE FILTER PAPER, HIGH FLOW RATE**

Ashless paper (<0.007%) made of cotton fibers. High flow rate, suitable for retention of bulky particles. It is used in the filtrate of coarse precipitates and gelatinous precipitates (hydroxides and metal sulfides). Weight 85 g / m², thickness 190 µm, filtration time 20 s, retention 20 - 25 µm, wet bursting strength > 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 41 and 43



reference	∅ (mm)	type	pcs/pack	price/pack
BNDF-070-100	70	disk	100	
BNDF-090-100	90	disk	100	
BNDF-110-100	110	disk	100	
BNDF-125-100	125	disk	100	
BNDF-150-100	150	disk	100	

PRAT DUMAS**HARDENED QUANTITATIVE FILTER PAPER, LOW FLOW RATE**

Hardened low ash paper (max 0.02%), as an intermediate solution between quantitative ash free paper (max 0.002%) and qualitative paper low ash (max 0.06%) for non critical quantitative works. Recommended for thin precipitates, such as barium, lead, zinc or nickel sulfate, barium fluoride or barium hydroxide. High wet resistance. Surface weight 80 g/m², pore 7 - 9 µm, thickness 290 µm. Available in flat disks (foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 50



reference	∅ (mm)	type	pcs/pack	price/pack
QNHS-070-100	70	disk	100	
QNHS-090-100	90	disk	100	
QNHS-110-100	110	disk	100	
QNHS-125-100	125	disk	100	
QNHS-150-100	150	disk	100	
QNHS-111-100	110	folded	100	
QNHS-126-100	125	folded	100	
QNHS-151-100	150	folded	100	

HARDENED QUANTITATIVE FILTER PAPER, LOW FLOW RATE

Hardened low ash paper (<0.015%) for non critical quantitative works. Slow filtration rate, with excellent retention of very fine particles, such as barium sulfate, zinc sulphide, etc. The hardened and glazed surface makes this paper suitable for use in the electronic industry, in carriers of electronic components or boards. Weight 90 g/m², thickness 180 µm, filtration time 300 s, retention 2 - 3 µm, wet bursting strength > 30 kPa. Available in discs. Equivalence: Whatman 50

reference	∅ (mm)	type	pcs/pack	price/pack
BNHS-070-100	70	disk	100	
BNHS-090-100	90	disk	100	
BNHS-110-100	110	disk	100	
BNHS-125-100	125	disk	100	
BNHS-150-100	150	disk	100	

BRANCHIA



HARDENED QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE

Hardened low ash paper (max 0.02%), as an intermediate solution between quantitative ash free paper (max 0.002%) and qualitative paper low ash (max 0.06%) for non critical quantitative works. Medium flow rate is the adequate for a general use, being the intermediate filter in terms of flow rate and retention. High wet resistance. Surface weight 80 g/m², pore 8 - 12 µm, thickness 270 µm. Available in flat disks (foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 52

reference	∅ (mm)	type	pcs/pack	price/pack
QNHM-070-100	70	disk	100	
QNHM-090-100	90	disk	100	
QNHM-110-100	110	disk	100	
QNHM-125-100	125	disk	100	
QNHM-150-100	150	disk	100	
QNHM-111-100	110	folded	100	
QNHM-126-100	125	folded	100	
QNHM-151-100	150	folded	100	

PRAT DUMAS



HARDENED QUANTITATIVE FILTER PAPER, MEDIUM FLOW RATE

Hardened low ash paper (<0.015%) for non critical quantitative works. Medium flow rate, adequate for a general use, being the intermediate filter in terms of flow rate and retention. Suitable for tests on the intake of atmospheric pollution and used in fat extraction applications in a large number of analysis routines. Weight 90 g / m², thickness 190 µm, filtration time 50 s, retention 7 - 8 µm, wet bursting strength > 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 52

reference	∅ (mm)	type	pcs/pack	price/pack
BNHM-070-100	70	disk	100	
BNHM-090-100	90	disk	100	
BNHM-110-100	110	disk	100	
BNHM-125-100	125	disk	100	
BNHM-150-100	150	disk	100	

BRANCHIA



PRAT DUMAS**HARDENED QUANTITATIVE FILTER PAPER, HIGH FLOW RATE**

Hardened low ash paper (max 0.02%), as an intermediate solution between quantitative ash free paper (max 0.002%) and qualitative paper low ash (max 0.06%) for non critical quantitative works. Its flow rate makes it suitable for large precipitates, such as iron hydroxide and other metal sulfides. High wet resistance. Surface weight 80 g/m², pore 12 - 16 μm, thickness 250 μm. Available in flat disks (foiled bags of 100 disks, with no carton box), or folded (in a carton box). Equivalence: Whatman 54



reference	∅ (mm)	type	pcs/pack	price/pack
QNHF-070-100	70	disk	100	
QNHF-090-100	90	disk	100	
QNHF-110-100	110	disk	100	
QNHF-125-100	125	disk	100	
QNHF-150-100	150	disk	100	
QNHF-111-100	110	folded	100	
QNHF-126-100	125	folded	100	
QNHF-151-100	150	folded	100	

BRANCHIA**HARDENED QUANTITATIVE FILTER PAPER, HIGH FLOW RATE**

Hardened low ash paper (<0.015%) for non critical quantitative works. Its high flow rate makes it suitable for large precipitates, such as iron hydroxide and other metal sulfides, as well as for filtering dense and gelatinous liquids. Weight 90 g / m², thickness 200 μm, filtration time 10 s, retention 20 μm, wet bursting strength > 30 kPa. Available in discs (presented in packages of 100 discs in box). Equivalence: Whatman 54



reference	∅ (mm)	type	pcs/pack	price/pack
BNHF-070-100	70	disk	100	
BNHF-090-100	90	disk	100	
BNHF-110-100	110	disk	100	
BNHF-125-100	125	disk	100	
BNHF-150-100	150	disk	100	

PRAT DUMAS**PHASE SEPARATING PAPER**

Hydrophobic paper for the fast separation of aqueous solutions from hydrofuge solvents. Useful with organic solvents heavier or lighter than water. Replaces separatory funnels in many applications. Available in flat disks. Equivalent: Whatman 1 PS



reference	∅ (mm)	type	pcs/pack	price/pack
FASE-090-100	90	disk	100	
FASE-110-100	110	disk	100	
FASE-125-100	125	disk	100	
FASE-150-100	150	disk	100	
FASE-210-100	210	disk	100	

ANTIBIOTIC CONTROL FILTER PAPER (ANTIBIOGRAMS)

Very thick and absorbent cotton fiber used to determine the most suitable antibiotic for a particular infection treatment. Surface weight 420 g/m². Available in flat disks

reference	∅ (mm)	type	pcs/pack	price/pack
ANTF-004-1K0	4	disk	1000	
ANTF-006-1K0	6	disk	1000	
ANTF-009-1K0	9	disk	1000	
ANTF-013-1K0	13	disk	1000	

PRAT DUMAS

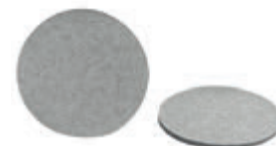


ACTIVATED CARBON PAPER FILTER

Activated carbon paper used to dispose benzene, toluene, xylene, ethylbenzene or other small organic molecules. Commonly used in water filtration and odor removal. Available in flat disks

reference	∅ (mm)	type	pcs/pack	price/pack
ACAF-070-100	70	disk	100	
ACAF-090-100	90	disk	100	
ACAF-110-100	110	disk	100	
ACAF-125-100	125	disk	100	
ACAF-150-100	150	disk	100	

PRAT DUMAS



BLOTTING PAPER FOR GERMINATION TESTS

Blotting paper used in laboratory for the tests and the controls of germination. It allows to determine the capacity of germination of seeds. Good absorption capacity (300 %). Paper supplied in wrinkled bands (50 double folds) of 2 m length and 110 mm wide. Color: white, yellow or grey

reference	l (mm)	w (mm)	color	pcs/pack	price/pack
GERF-001-100	2000	110	white	100	
GERF-002-100	2000	110	yellow	100	
GERF-003-100	2000	110	grey	100	

PRAT DUMAS



BLAINE TEST FILTER PAPER

Special paper for determining the fineness of cement according to EN 196-6:2010 standard. Methods of cement testing. Determination of fineness. Available in flat disks. Diameters: 12,7 mm or 40,5 mm

reference	∅ (mm)	type	pcs/pack	price/pack
BLAF-012-1K0	12,7	disk	1000	
BLAF-040-1K0	40,5	disk	1000	

PRAT DUMAS



PRAT DUMAS**MICROFIBER GLASS PAPER FILTER, GRADE GFFC (1,2 µm)**

Paper made from 100% borosilicate glass microfiber without binder. Fast filtration with a retention of fine particles. Standard filter for determination of particle suspensions (S.P.M.) in drinking or sewage water according to European standards (EN 872) and American standards (Standard Methods 2540D). Can be used at very high temperatures. Surface weight 55 g/m², pore 1,2 µm, thickness 270 µm. Available in flat disks. Equivalence: Whatman GF/C, Macherey Nagel GF-3, Millipore AP40, S&S GF52



reference	∅ (mm)	type	pcs/pack	price/pack
GFFC-025-100	25	disk	100	
GFFC-047-100	47	disk	100	
GFFC-055-100	55	disk	100	
GFFC-070-100	70	disk	100	
GFFC-090-100	90	disk	100	
GFFC-E47-050	47	disk, sterile	50	

BRANCHIA**GLASS MICROFIBER FILTER, GRADE BGF-3 (1,2 µm)**

Paper made from 100% borosilicate glass microfiber without binder. Fast filtration with a retention of fine particles. Adsorbs the finest particles down to 1 µm from liquids and below 1 µm in gases, aerosols included (HEPA). Standard filter for determination of Total Suspended Solids (TSS) in drinking or sewage water according to European standards (EN 872) and American standards (Std Methods 2540D). Can be used at temperatures up to 500 °C. Surface weight 53 g/m², pore 1,2 µm, thickness 260 µm and retention DOP 99,998%. Available in flat disks. Equivalence: Whatman GF/C, Macherey Nagel GF-3, Millipore AP40, S&S GF52



reference	∅ (mm)	type	pcs/pack	price/pack
BGFC-047-100	47	disk	100	
BGFC-090-100	90	disk	100	

PRAT DUMAS**GLASS MICROFIBER FILTER, GRADE GFFA (1,6 µm)**

Paper made from 100% borosilicate glass microfiber without binder. Very fast filtration with a high retention and capacity of fine particles. For general laboratory use. Can be used at very high temperatures. Surface weight 37 g/m², pore 1,6 µm, thickness 190 µm. Available in flat disks. Equivalence: Whatman GF/A, Macherey Nagel GF-1, S&S GF50



reference	∅ (mm)	type	pcs/pack	price/pack
GFFA-025-100	25	disk	100	
GFFA-047-100	47	disk	100	
GFFA-055-100	55	disk	100	
GFFA-090-100	90	disk	100	

BRANCHIA**GLASS MICROFIBER FILTER, GRADE BGF-1 (1,6 µm)**

Paper made from 100% borosilicate glass microfiber without binder. Fast filtration with a retention of fine particles. Adsorbs the finest particles down to 1 µm from liquids and below 1 µm in gases, aerosols included (HEPA). Indicated for controls of environmental pollution and ozone levels, as well as for controls of the content of algae in water. Can be used at temperatures up to 500 °C. Surface weight 52 g/m², pore 1,6 µm, thickness 260 µm and retention DOP 99,998%. Available in flat disks. Equivalence: Whatman GF/A, Macherey Nagel GF-1, S&S GF50



reference	∅ (mm)	type	pcs/pack	price/pack
BGFA-047-100	47	disk	100	
BGFA-090-100	90	disk	100	

CN AND CE MEMBRANE FILTERS, NON-STERILE

Plain white membranes available in cellulose nitrate (CN) and cellulose acetate (CA)

reference	∅ (mm)	pore (µm)	type	pcs/pack	price/pack
MACN-447-100	47	0,45	cellulose acetate	100	
MACN-247-100	47	0,20	cellulose acetate	100	
MACN-847-100	47	0,80	cellulose acetate	100	
MCNN-447-100	47	0,45	cellulose nitrate	100	
MCNN-247-100	47	0,20	cellulose nitrate	100	
MCNN-847-100	47	0,80	cellulose nitrate	100	

PRAT DUMAS**NYLON MEMBRANE FILTERS, NON-STERILE**

Membrane made of hydrophilic Nylon 66. Suitable for sample preparation in HPLC applications. Ideal for routine analysis

reference	∅ (mm)	pore (µm)	pcs/pack	price/pack
MFNY-247-200	47	0,22	200	
MFNY-447-200	47	0,45	200	

BRANCHIA**PES MEMBRANE FILTERS, NON-STERILE**

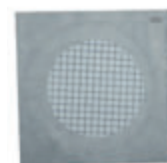
Very suitable for culture media assays. Membrane made of Polyethersulfone (PES), inherently hydrophilic. Fast filtration speed. Membrane mechanically very strong and resistant to an extensive range of aqueous solvents. Low protein binding

reference	∅ (mm)	pore (µm)	pcs/pack	price/pack
MFPE-247-200	47	0,22	200	
MFPE-447-200	47	0,45	200	

BRANCHIA**CN MEMBRANE FILTERS, STERILE**

White cellulose nitrate membranes (CN) with black grid for microbiology applications. Sterile, individual packaging

reference	∅ (mm)	pore (µm)	pcs/pack	price/pack
MCNE-447-100	47	0,45	100	
MCNE-247-100	47	0,20	100	
MCNE-450-100	50	0,45	100	
MCNE-250-100	50	0,20	100	

PRAT DUMAS**FUNNEL SHORT STEM, POLYPROPYLENE**

Autoclavable at 121°C. The larger funnels FUSP-200-012 and FUSP-250-012 have a handle for easy use

reference	∅ _{inner top} (mm)	∅ _{outer top} (mm)	l _{stem} (mm)	∅ _{ext stem} (mm)	pcs/pack	price/pack
FUSP-050-012	50	58	48	7	12	
FUSP-062-012	62	70	60	7	12	
FUSP-075-012	75	83	75	8	12	
FUSP-100-012	100	108	90	9	12	
FUSP-150-012	150	158	110	16	12	
FUSP-200-012	200	210	85	23	12	
FUSP-250-006	250	260	90	25	6	

astik's





LBG

FUNNEL WITH LONG STEM

Made of borosilicate glass LBG 3.3 and according to ISO 4798 standard

reference	\varnothing_{top} (mm)	l_{stem} (mm)	$\varnothing_{\text{stem}}$ (mm)	pcs/pack	price/pack
FUL3-050-006	50	150	7	6	
FUL3-060-006	60	150	8	6	
FUL3-075-006	75	150	9	6	
FUL3-090-006	90	150	11	6	

LBG

FUNNEL WITH SHORT STEM

Made of borosilicate glass LBG 3.3 and according to ISO 4798 standard

reference	\varnothing_{top} (mm)	l_{stem} (mm)	$\varnothing_{\text{stem}}$ (mm)	pcs/pack	price/pack
FUS3-040-012	40	50	7	12	
FUS3-050-012	50	50	7	12	
FUS3-060-012	60	60	7	12	
FUS3-075-012	75	75	8	12	
FUS3-090-012	90	90	10	12	
FUS3-100-006	100	100	10	6	
FUS3-120-006	120	120	12	6	

astik's

FUNNEL, PTFE

Chemically resistant and inert. Smooth, non-sticky internal surface

reference	\varnothing_{top} (mm)	$\varnothing_{\text{stem}}$ (mm)	h (mm)	pcs/pack	price/pack
FPTF-050-001	50	10	85	1	
FPTF-070-001	70	12	110	1	
FPTF-100-001	100	14	170	1	
FPTF-150-001	150	16	220	1	

clink

FUNNEL, STAINLESS STEEL

Made of 316 stainless steel

reference	\varnothing_{top} (mm)	$\varnothing_{\text{stem}}$ (mm)	h (mm)	pcs/pack	price/pack
FUNA-060-001	60	15	65	1	
FUNA-100-001	100	15	120	1	
FUNA-150-001	150	20	170	1	
FUNA-200-001	200	20	220	1	

astik's

POWDER FUNNEL, POLYPROPYLENE

Autoclavable at 121 °C

reference	\varnothing_{top} (mm)	$\varnothing_{\text{stem}}$ (mm)	pcs/pack	price/pack
PFUP-065-006	65	12	6	
PFUP-080-006	80	12	6	
PFUP-100-006	100	18	6	
PFUP-150-006	150	24	6	



THISTLE FUNNEL

Made of polypropylene. Facilitates the addition of liquids to burettes and narrow neck flasks

reference	\varnothing_{top} (mm)	$\varnothing_{\text{stem}}$ (mm)	l _{total} (mm)	pcs/pack	price/pack
THIP-035-001	35	6	250	1	

astik's

**FUNNEL HOLDER**

Polypropylene. To hold funnels with top diameter of 50 to 120 mm

reference	type	pcs/pack	price/pack
FHOP-001-001	for 1 funnel	1	

astik's

**SEPARATORY FUNNEL, CONICAL WITH PTFE STOPCOCK AND PLASTIC STOPPER**

Made of borosilicate glass LBG 3.3

reference	capacity	l (mm)	mouth	\varnothing_{max} (mm)	pcs/pack	price/pack
SFT3-060-002	60 ml	205	14/23	50	2	
SFT3-125-002	125 ml	260	19/26	68	2	
SFT3-250-002	250 ml	290	19/26	76	2	
SFT3-500-002	500 ml	330	24/29	98	2	
SFT3-1K0-002	1000 ml	430	29/32	120	2	

LBG

**SEPARATORY FUNNEL, CONICAL WITH PTFE STOPCOCK**

Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4800 standard

reference	capacity	l (mm)	mouth	\varnothing_{max} (mm)	pcs/pack	price/pack
SFTG-050-001	50 ml	240	19/26	49	1	
SFTG-100-001	100 ml	265	19/26	64	1	
SFTG-250-001	250 ml	320	29/32	83	1	
SFTG-500-001	500 ml	350	29/32	96	1	
SFTG-1K0-001	1000 ml	440	29/32	130	1	
SFTG-2K0-001	2000 ml	490	29/32	143	1	

LABRACO

**SEPARATORY FUNNEL, CONICAL WITH GLASS STOPCOCK AND PLASTIC STOPPER**

Made of borosilicate glass LBG 3.3

reference	capacity	l (mm)	mouth	\varnothing_{max} (mm)	pcs/pack	price/pack
SFU3-060-002	60 ml	205	14/23	52	2	
SFU3-125-002	125 ml	260	19/26	66	2	
SFU3-250-002	250 ml	290	19/26	76	2	
SFU3-500-002	500 ml	330	24/29	98	2	

LBG





SEPARATORY FUNNEL, WITH SCREW TYPE NEEDLE VALVE AND PLASTIC STOPPER



Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4800 standard

reference	capacity	l (mm)	mouth	\varnothing_{\max} (mm)	pcs/pack	price/pack
SFNG-050-001	50 ml	120	19/26	50	1	
SFNG-100-001	100 ml	145	19/26	65	1	
SFNG-250-001	250 ml	190	29/32	85	1	
SFNG-500-001	500 ml	230	29/32	100	1	
SFNG-1K0-001	1000 ml	300	29/32	135	1	
SFNG-2K0-001	2000 ml	350	29/32	155	1	



SEPARATORY FUNNEL, WITH PTFE STOPCOCK AND PLASTIC STOPPER, GILSON TYPE



Made of 3.3 borosilicate glass (upper grade)

reference	capacity	l _{total} (mm)	mouth	\varnothing_{\max} (mm)	pcs/pack	price/pack
SFGG-050-001	50 ml	300	19/26	53	1	
SFGG-100-001	100 ml	330	19/26	66	1	
SFGG-250-001	250 ml	400	29/32	87	1	
SFGG-500-001	500 ml	440	29/32	107	1	
SFGG-1K0-001	1000 ml	500	29/32	134	1	
SFGG-2K0-001	2000 ml	600	29/32	169	1	



DROPPING FUNNEL, WITH PTFE STOPCOCK AND PLASTIC STOPPER, CYLINDRICAL



Made of 3.3 borosilicate glass (upper grade). In compliance with DIN / ISO 4800 and 3585 standards. With graduation

reference	capacity	l (mm)	mouth	\varnothing_{\max} (mm)	pcs/pack	price/pack
SFCG-050-001	50 ml	120	14/23	34	1	
SFCG-100-001	100 ml	140	14/23	44	1	
SFCG-250-001	250 ml	210	29/32	54	1	
SFCG-500-001	500 ml	260	29/32	67	1	
SFCG-1K0-001	1000 ml	300	29/32	88	1	

astik's

SEPARATORY FUNNEL, POLYPROPYLENE



Autoclavable at 121 °C. With screw cap and PP stopcock with PTFE joint

reference	capacity	l (mm)	\varnothing_{\max} (mm)	pcs/pack	price/pack
SFUP-100-002	100 ml	250	59	2	
SFUP-250-002	250 ml	305	83	2	
SFUP-500-002	500 ml	355	99	2	



SEPARATORY FUNNEL HOLDER

Polypropylene. To hold funnels from 125 ml up to 500 ml

reference	type	pcs/pack	price/pack
SFHP-001-001	for 1 funnel	1	

astik's

**CRUCIBLE WITH FILTER PLATE**

Made of top quality 3.3 borosilicate glass. Maximum temperature: 220 °C (heat and cool in a slow and controlled manner). Each crucible has a sintered disc with a different porosity grade: 150 - 200 µm (porosity 0), 90 - 150 µm (porosity 1), 40 - 90 µm (porosity 2), 15 - 40 µm (porosity 3), 5 - 15 µm (porosity 4), 1 - 2 µm (porosity 5)

reference	capacity	∅ (mm)	h (mm)	type	pcs/pack	price/pack
FTC3-030-001	30 ml	35	60	porosity 0	1	
FTC3-A30-001	30 ml	35	60	porosity 1	1	
FTC3-B30-001	30 ml	35	60	porosity 2	1	
FTC3-C30-001	30 ml	35	60	porosity 3	1	
FTC3-D30-001	30 ml	35	60	porosity 4	1	
FTC3-E30-001	30 ml	35	60	porosity 5	1	
FTC3-050-001	50 ml	40	70	porosity 0	1	
FTC3-A50-001	50 ml	40	70	porosity 1	1	
FTC3-B50-001	50 ml	40	70	porosity 2	1	
FTC3-C50-001	50 ml	40	70	porosity 3	1	
FTC3-D50-001	50 ml	40	70	porosity 4	1	
FTC3-E50-001	50 ml	40	70	porosity 5	1	
"Saving package"						
FTC3-030-010	30 ml	35	60	porosity 0	10	
FTC3-A30-010	30 ml	35	60	porosity 1	10	
FTC3-B30-010	30 ml	35	60	porosity 2	10	
FTC3-C30-010	30 ml	35	60	porosity 3	10	
FTC3-D30-010	30 ml	35	60	porosity 4	10	
FTC3-E30-010	30 ml	35	60	porosity 5	10	
FTC3-050-010	50 ml	40	70	porosity 0	10	
FTC3-A50-010	50 ml	40	70	porosity 1	10	
FTC3-B50-010	50 ml	40	70	porosity 2	10	
FTC3-C50-010	50 ml	40	70	porosity 3	10	
FTC3-D50-010	50 ml	40	70	porosity 4	10	
FTC3-E50-010	50 ml	40	70	porosity 5	10	



NEW

**CRUCIBLES IN OUR CHAPTER "THERMOREGULATION, COMBUSTION AND CALCINATION"**

We offer a wider variety of crucibles, of different shapes and materials, in our chapter on "Thermoregulation, combustion and calcination", on pages 288 to 291.





BÜCHNER FUNNEL WITH SINTERED DISC

Made of top quality 3.3 borosilicate glass. To be used with a filtering flask with standard ground mouth reference FFK3. Each funnel has a sintered disc with a different porosity grade: 90-150 μm (porosity 1), 40-90 μm (porosity 2), 15-40 μm (porosity 3), 5-15 μm (porosity 4)



reference	capacity	\varnothing (mm)	joint ST/NS	type	pcs/pack	price/pack
BFU3-A35-001	35 ml	30	19/26	porosity 1	1	
BFU3-B35-001	35 ml	30	19/26	porosity 2	1	
BFU3-C35-001	35 ml	30	19/26	porosity 3	1	
BFU3-D35-001	35 ml	30	19/26	porosity 4	1	
BFU3-A80-001	80 ml	40	29/32	porosity 1	1	
BFU3-B80-001	80 ml	40	29/32	porosity 2	1	
BFU3-C81-001	80 ml	40	19/26	porosity 3	1	
BFU3-C80-001	80 ml	40	29/32	porosity 3	1	
BFU3-D80-001	80 ml	40	29/32	porosity 4	1	
BFU3-20A-001	200 ml	65	29/32	porosity 1	1	
BFU3-20B-001	200 ml	65	29/32	porosity 2	1	
BFU3-21C-001	200 ml	65	19/26	porosity 3	1	
BFU3-20C-001	200 ml	65	29/32	porosity 3	1	
BFU3-20D-001	200 ml	65	29/32	porosity 4	1	

HDN
ceramics

HIRSCH FUNNEL PREMIUM LINE

Made of porcelain. Highly resistant to chemical attack. With fixed perforated plate for paper or membrane filters. Glazed inside and outside, except rim. Autoclavable



reference	capacity	\varnothing_{top} (mm)	h (mm)	for paper filter \varnothing	pcs/pack	price/pack
HFFK-030-001	10 ml	30	50	10 mm	1	
HFFK-040-001	12 ml	40	70	13-15 mm	1	
HFFK-050-001	25 ml	50	75	25-30 mm	1	
HFFK-075-001	50 ml	75	130	40-47 mm	1	

LBG

FILTERING FLASK, GROUND MOUTH WITH HOSE CONNECTOR

Made of borosilicate glass LBG 3.3



reference	capacity	$\varnothing_{\text{base}}$ (mm)	h (mm)	$\varnothing_{\text{side hose}}$ (mm)	joint ST/NS	pcs/pack	price/pack
FFK3-101-001	100 ml	64	105	8	29/32	1	
FFK3-102-001	100 ml	64	105	8	19/26	1	
FFK3-250-001	250 ml	85	128	10	29/32	1	
FFK3-500-001	500 ml	105	165	10	29/32	1	
FFK3-1K0-001	1000 ml	131	210	10	29/32	1	

FILTERING FLASK, ERLLENMEYER SHAPE

LBG

Manufactured in neutral glass LBG N

reference	capacity	Ø _{base} (mm)	h (mm)	Ø _{inn.mouth} (mm)	Ø _{side hose} (mm)	pcs/pack	price/pack
FFEN-250-001	250 ml	90	160	30	8	1	
FFEN-500-001	500 ml	115	210	34	10	1	
FFEN-1K0-001	1000 ml	140	245	43	10	1	



GLASS

**FILTERING FLASK, ERLLENMEYER SHAPE**

Manufactured with top quality 3.3 borosilicate glass. According to ISO 6556 and USP standard

reference	capacity	Ø _{base} (mm)	h (mm)	Ø _{inn.mouth} (mm)	Ø _{side hose} (mm)	pcs/pack	price/pack
FFE3-100-002	100 ml	72	105	24	8	2	
FFE3-125-002	125 ml	72	107	25	9	2	
FFE3-250-002	250 ml	84	158	29	10	2	
FFE3-500-002	500 ml	106	188	33,5	10	2	
FFE3-1K0-002	1000 ml	135	242	37	12	2	
FFE3-2K0-001	2000 ml	166	280	40	12	1	
FFE3-5K0-001	5000 ml	220	390	65	12	1	



astik's

**FILTERING FLASK, PP**

Molded in one piece, can withstand full vacuum to 30 mmHg. Suitable for tubing with 6,4 mm to 9,5 mm inner diameters. Side arm tubulation at 45° angle helps prevent tipping

reference	capacity	Ø _{base} (mm)	h (mm)	Ø _{mouth} (mm)	Ø _{side hose} (mm)	pcs/pack	price/pack
FFEP-250-001	250 ml	91	139	37	6	1	
FFEP-500-001	500 ml	115	186	46	6	1	
FFEP-1K0-001	1000 ml	143	214	48	6	1	
FFEP-2K0-001	2000 ml	158	270	55	6	1	

**BÜCHNER FUNNEL, PORCELAIN PREMIUM LINE**HDN
ceramics

Made of high grade porcelain. Glazed inside and outside except rim. Autoclavable

reference	capacity	Ø _{top} (mm)	h (mm)	for paper filter Ø	pcs/pack	price/pack
BFUK-035-001	35 ml	50	91	35-40 mm	1	
BFUK-100-001	100 ml	65	103	50-55 mm	1	
BFUK-200-001	200 ml	86	140	70 mm	1	
BFUK-350-001	350 ml	105	162	90 mm	1	
BFUK-600-001	600 ml	127	194	110 mm	1	
BFUK-800-001	800 ml	143	200	110-124 mm	1	
BFUK-1K1-001	1150 ml	172	220	142-150 mm	1	
BFUK-2K0-001	2000 ml	210	272	185 mm	1	
BFUK-4K8-001	4800 ml	270	352	240 mm	1	



astik's

BÜCHNER FUNNEL, POLYPROPYLENE

Autoclavable at 121 °C. Removable base for an easy cleaning

reference	capacity	\varnothing_{top} (mm)	h_{total} (mm)	for paper filter \varnothing	pcs/pack	price/pack
BFUP-070-001	120 ml	75	140	70 mm	1	
BFUP-110-001	400 ml	130	210	110 - 125 mm	1	



bb

GUKO RUBBER GASKETS, FOR FILTERING FLASK

Made of natural rubber, grey

reference	size	d (mm)	d_2 (mm)	a (mm)	b (mm)	pcs/pack	price/pack
GUKO-001-001	1	21	12	18	2,5	1	
GUKO-002-001	2	27	17	20	3	1	
GUKO-003-001	3	33	21	24	3	1	
GUKO-004-001	4	41	27,5	27	4	1	
GUKO-005-001	5	53	33	34	5	1	
GUKO-006-001	6	68	48	35	5,5	1	
GUKO-007-001	7	78	58	35	6	1	
GUKO-008-001	8	89	66	40	6,5	1	



bb

GUKO SET RUBBER GASKETS, FOR FILTERING FLASK

Contains one unit of each of the 8 available sizes

reference	type	pcs/pack	price/pack
GUKO-SET-001	sizes from 1 to 8 (one of each size)	1	

**FILTER UNIT FOR 47 mm DISC FILTERS**Made of top quality 3.3 borosilicate glass. Contains flask, fritted glass holder base, funnel and aluminium clamp. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 6 mm

reference	description	pcs/pack	price/pack
FUC3-1K0-001	complete set with 1000 ml flask	1	
FUC3-2K0-001	complete set with 2000 ml flask	1	
Accessories and spare parts			
FU13-1K0-001	ground joint flask 40/35 1000 ml	1	
FU13-2K0-001	ground joint flask 40/35 2000 ml	1	
FU23-1K0-001	fritted glass support base, pore 90-150 μm	1	
FU3M-000-001	aluminum clamp	1	
FU43-250-001	funnel, 300 ml (graduated up to 250 ml)	1	





GLASS FILTER HOLDER FOR 90 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Contains base and tubulated cap, PTFE-coated stainless steel screen, funnel and aluminium clamp. Hose connector is designed for tubing $\varnothing_{\text{inner}}$ 6 mm. Flask is not included (see any 40/35 ground joint flask)

reference	description	pcs/pack	price/pack
FUC3-090-001	glass filter holder for 90 mm disc filters	1	
Accessories and spare parts			
FU23-090-001	base and tubulated cap	1	
FU23-09T-001	stainless steel screen, PTFE coated	1	
FU23-09G-001	gasket PTFE	1	
FU43-1K0-001	funnel, 1000 ml, for 90 mm filter holder	1	
FU3M-090-001	aluminium clamp, 90 mm	1	



GROUND JOINT FILTER FLASK 40/35

Made of top quality 3.3 borosilicate glass

reference	description	pcs/pack	price/pack
FU13-1K0-001	ground joint flask 40/35 1000 ml	1	
FU13-2K0-001	ground joint flask 40/35 2000 ml	1	
FU13-5K0-001	ground joint flask 40/35, conical bottom, 5000 ml	1	

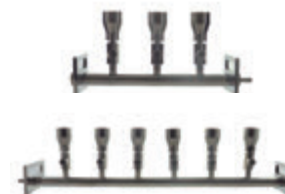


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STAINLESS STEEL FILTER MANIFOLD

Available in 3 or 6 positions. The manifold includes a hose connector for a tubing with internal diameter 10 mm. Can be connected to any filter holder bearing a stopper size #8, such as FUC3-047-001 or FUSS-047-001

reference	description	$\varnothing_{\text{inner mouth}}$ (mm)	l (mm)	pcs/pack	price/pack
MNFA-003-001	3 positions	33,8	360	1	
MNFA-006-001	6 positions	33,8	660	1	



FILTER HOLDER FOR 25 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Contains base with fritted glass holder, silicone stopper #5 ($\varnothing_{\text{upper}}$ 27 mm y $\varnothing_{\text{lower}}$ 23 mm), funnel and aluminium clamp. Can be completed with Filtering flask FFE3-125-002

reference	description	pcs/pack	price/pack
FUC3-025-001	filter holder for 25 mm disc filters	1	
Accessories and spare parts			
FU23-025-001	fritted glass base, 25 mm, pore 90-150 μm	1	
FU43-015-001	funnel, 15 ml, for 25 mm filter holder	1	
FU23-005-001	silicone stopper #5	1	
FU3M-025-001	aluminium clamp, 25 mm	1	





FILTER HOLDER FOR 47 mm DISC FILTERS

Made of top quality 3.3 borosilicate glass. Includes base with fritted glass holder, silicone stopper #8 ($\varnothing_{\text{upper}}$ 41 mm y $\varnothing_{\text{lower}}$ 33 mm), funnel and aluminium clamp. Can be completed with Filtering flask FFE3-1K0-002 or a Filter manifold



reference	description	pcs/pack	price/pack
FUC3-047-001	filter holder for 47 mm disc filters	1	
Spare parts			
FU23-047-001	fritted glass base, 47 mm, pore 90-150 μm	1	
FU43-251-001	funnel, 300 ml (graduated up to 250 ml)	1	
FU23-008-001	silicone stopper #8	1	
FU3M-001-001	aluminium clamp	1	



STAINLESS STEEL FILTER HOLDER FOR 47 mm DISC FILTERS

Includes stainless steel holder, support screen and funnel (300 ml), silicone stopper #8 ($\varnothing_{\text{upper}}$ 41 mm y $\varnothing_{\text{lower}}$ 33 mm) and aluminium clamp. Can be connected to any filter holder bearing a stopper size #8



reference	description	pcs/pack	price/pack
FUSS-047-001	stainless steel filter holder for 47 mm disc filters	1	
Spare parts			
FUSS-A01-001	stainless steel support screen, 47 mm	1	
FUSS-A04-001	stainless steel funnel, 300 ml	1	
FUSS-A02-001	silicone stopper #8	1	
FUSS-A03-001	aluminium clamp	1	



ESSENTIAL OIL DETERMINATION APPARATUS, (CLEVANGER APPARATUS)

Made of heat resistant, low expansion, 3.3 borosilicate glass (upper grade). The sample is boiled in the boiling flask, steam rises in the assembly up to a condenser, and the condensate falls into the small extractor burette (water is returned to the tank through a channel whose position differs according to the density of the oil in relation to water). After some time, the oil volume collected in the burette can be directly measured. Includes 1000 ml round bottom flask (24/29), 300 mm Liebig condenser (24/29) and 10 ml extractor with 0 – 10 ml graduation and 0,1 ml subdivisions (24/29)



reference	capacity	type	pcs/pack	price/pack
EIDG-001-001	1000 ml	for oil more dense than water	1	
EIDG-002-001	1000 ml	for oil less dense than water	1	



DISTILLATION FLASK

Made of heat resistant, ASTM E-438 type 1, 3.3 borosilicate glass (upper grade). Complies with ASTM E-133, ASTM D-86, D-233, D-801 & D 802 (except FLDG-500-002)



reference	capacity	\varnothing (mm)	h (mm)	$\varnothing_{\text{side}}$ (mm)	pcs/pack	price/pack
FLDG-125-002	125 ml	68	215	7	2	
FLDG-250-002	250 ml	85	226	9	2	
FLDG-500-002	500 ml	105	240	9	2	

STANDARD STACKABLE LABORATORY SIEVES ACCORDING ISO 3310/1

[click](#)

Manufactured with metal mesh in stainless steel AISI-316 compatible with all manufacturers. Conforms to ISO standards. With serial number and certificate of conformity according to the required standard

reference	∅ x h (mm)	mesh (mm)	type	pcs/pack	price/pack
SIEV-206-001	200 x 50	3,15	mesh	1	
SIEV-2A6-001	200 x 50	2,50	mesh	1	
SIEV-205-001	200 x 50	2,00	mesh	1	
SIEV-2A5-001	200 x 50	1,40	mesh	1	
SIEV-204-001	200 x 50	1,00	mesh	1	
SIEV-2A4-001	200 x 50	0,71	mesh	1	
SIEV-203-001	200 x 50	0,50	mesh	1	
SIEV-2A3-001	200 x 50	0,355	mesh	1	
SIEV-202-001	200 x 50	0,25	mesh	1	
SIEV-2A2-001	200 x 50	0,18	mesh	1	
SIEV-201-001	200 x 50	0,125	mesh	1	
SIEV-2A1-001	200 x 50	0,09	mesh	1	
SIEV-200-001	200 x 50	0,063	mesh	1	
SIEV-2A0-001	200 x 50	0,045	mesh	1	
Bottom and lid					
SIEV-20B-001	200	-	bottom	1	
SIEV-20T-001	200	-	lid	1	



THIMBLES FOR SOXHLET EXTRACTORS

PRAT DUMAS

Made of pure cellulose, neutral cotton, without fat, without any type of binder resin that could contaminate the sample

reference	∅ _{inner} (mm)	∅ _{outer} (mm)	h (mm)	pcs/pack	price/pack
EXTH-18A-025	18	21	60	25	
EXTH-19B-025	19	22	80	25	
EXTH-22A-025	22	25	60	25	
EXTH-22B-025	22	25	80	25	
EXTH-25B-025	25	29	80	25	
EXTH-26A-025	26	30	60	25	
EXTH-27B-025	27	31	80	25	
EXTH-28B-025	28	32	80	25	
EXTH-28C-025	28	32	100	25	
EXTH-30B-025	30	34	80	25	
EXTH-30C-025	30	34	100	25	
EXTH-33B-025	33	37	80	25	
EXTH-33C-025	33	37	100	25	
EXTH-33G-025	33	37	118	25	
EXTH-33D-025	33	37	130	25	
EXTH-37D-025	37	42	130	25	
EXTH-41H-025	41	46	123	25	
EXTH-41E-025	41	46	150	25	



BRANCHIA | THIMBLES FOR SOXHLET EXTRACTORS

Made of pure cellulose, neutral cotton, without fat, without any type of binder resin that could contaminate the sample



reference	$\varnothing_{\text{inner}}$ (mm)	$\varnothing_{\text{outer}}$ (mm)	h (mm)	pcs/pack	price/pack
BXTH-18A-025	18	20	55	25	
BXTH-19C-025	19	21	90	25	
BXTH-22A-025	22	24	60	25	
BXTH-22B-025	22	24	80	25	
BXTH-25B-025	25	27	80	25	
BXTH-26A-025	26	28	60	25	
BXTH-27B-025	27	29	80	25	
BXTH-28B-025	28	30	80	25	
BXTH-28C-025	28	30	100	25	
BXTH-30B-025	30	32	80	25	
BXTH-30C-025	30	32	100	25	
BXTH-33B-025	33	35	80	25	
BXTH-33C-025	33	35	100	25	
BXTH-33G-025	33	35	118	25	
BXTH-37D-025	37	39	130	25	
BXTH-41H-025	41	43	123	25	

LBG

SOXHLET EXTRACTION APPARATUS WITH 30 ML EXTRACTOR BODY

Made of borosilicate glass LBG 3.3. The complete apparatus includes a Dimroth condenser (DRO3-030-001), a 30 ml extractor (EXB3-030-001) and a 100 ml flat bottom flask (BFF3-101-001). The most adequate thimble reference is EXTH-22B-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack
SOX3-030-001	29/32	29/32	full set	1	
Spare parts					
DRO3-030-001		29/32	Dimroth condenser	1	
EXB3-030-001	29/32	29/32	30 ml extractor body	1	
BFF3-101-001	29/32		100 ml flat bottom flask	1	



SOXHLET EXTRACTION APPARATUS WITH 100 ML EXTRACTOR BODY

Made of 3.3 borosilicate glass (upper grade). The complete apparatus includes a Dimroth condenser (DROG-100-001), extractor (EXBG-100-001) and flat bottom flask (BFFG-250-001). The most adequate thimble reference is EXTH-33B-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack
SOH3-100-001	29/32	45/40	full set	1	
Spare parts					
DROG-100-001	45/40		Dimroth condenser	1	
EXBG-100-001	29/32	45/40	100 ml extractor body	1	
BFFG-250-001	29/32		250 ml flat bottom flask	1	
BFLG-250-001	29/32		250 ml round bottom flask	1	



SOXHLET EXTRACTION APPARATUS WITH 250 ML EXTRACTOR BODY

Made of 3.3 borosilicate glass (upper grade). The complete apparatus includes a Dimroth condenser (DROG-250-001), an extractor (EXBG-250-001) and flat bottom flask (BFFG-500-001). The most adequate thimble reference is EXTH-33D-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack
SOH3-250-001	29/32	45/40	full set	1	
Spare parts					
DROG-250-001		45/40	Dimroth condenser	1	
EXBG-250-001	29/32	45/40	250 ml extractor body	1	
BFFG-500-001	29/32		500 ml flat bottom flask	1	
BFLG-500-001	29/32		500 ml round bottom flask	1	



SOXHLET EXTRACTION APPARATUS WITH 500 ML EXTRACTOR BODY

Made of top quality 3.3 borosilicate glass. The complete apparatus includes a Dimroth condenser (DROG-500-001), and extractor (EXBG-500-001) and a flat bottom flask (BFFG-1K0-001). The most adequate thimble reference is EXTH-41E-025. According to DIN 12602

reference	ground (a)	ground (b)	description	pcs/pack	price/pack
SOH3-500-001	29/32	60/46	full set	1	
Spare parts					
DROG-500-001		60/46	Dimroth condenser	1	
EXBG-500-001	29/32	60/46	500 ml extractor body	1	
BFFG-1K0-001	29/32		1000 ml flat bottom flask	1	
BFLG-1K0-001	29/32		1000 ml round bottom flask	1	

“ROTARY EVAPORATOR, EVA180-B

Set of vertical glassware included (REVA-A01-001). Speed range from 20 to 200 rpm. 5 L water-oil heating universal bath with heating temperature range of RT to 180 °C, with a precise temperature control (± 1 °C in water) and that can be used independently. LED screen that displays heating temperature, rotation speed and timing. Patented condenser with excellent cooling effect (cooling surface 1700 cm²). Manual lift combined with auxiliary lift for precise positioning of the glassware. Evaporating flask with an ejector, easy to remove. Chemically resistant double PTFE system and patented pressure spring provide excellent sealing. External dimensions (mm): 440 x 320 x 450 (main unit) and 300 x 300 x 240 (heating bath). Weight: 7 kg (main unit) and 3 kg (heating bath). 100-240 V / 50-60 Hz, insulation rating IP20 (DIN EN60529). Warranty 2 years. It is recommended to combine with the vacuum pump VACU-R20-001. The most suitable rubber tubing references are RUTT-006-002 for the vacuum and LTXT-007-005 for the condenser

reference	description	pcs/pack	price/pack
REVB-180-001	rotary evaporator, LBX EVA180-B series	1	



LBX | "ROTARY EVAPORATOR, EVA180



Set of vertical glassware included (REVA-A01-001). Speed range from 20 to 280 rpm. Large 5 L water-oil heating bath with heating temperature range of RT to 180 °C, with precise temperature control (± 1 °C in water) and adjustable safety circuit. Large and easy to read digital LCD screen displays heating temperature, rotation speed and timing. Patented condenser with excellent cooling effect (cooling surface 1700 cm²). Motorized lift with quick-action, automatic release of evaporating flask to top position in case of power failure. Adjustable final position recognition to protect operator and sample against breakage. Evaporating flask with an ejector, easy to remove. Chemically resistant double PTFE system and patented pressure spring provide excellent sealing. External dimensions (mm): 583x465x457. Weight: 15 kg. PC can control and document all parameters via RS232 interface (USB). 100-240 V / 50-60 Hz, insulation rating IP20 (DIN EN60529). Warranty 2 years. It is recommended to combine with the vacuum pump VACU-R20-001. The most suitable rubber tubing references are RUTT-006-002 for the vacuum and LTXT-007-005 for the condenser



reference	description	pcs/pack	price/pack
REVA-180-001	rotary evaporator, LBX EVA180 series	1	

LBX | ACCESSORIES AND SPARE PARTS FOR ROTARY EVAPORATORS

For the REVA-180-001 and REVB-180-001 rotary evaporators

reference	description	pcs/pack	price/pack
REVA-A01-001	set of vertical glassware, including condenser, evaporating flask (29/32) and receiving flask (35/20) Volume: 1000 ml	1	
REVA-A02-001	receiving flask (35/20), 1000 ml	1	
REVA-A03-001	vapor tube (29/32)	1	
REVA-A04-001	vacuum seal	1	
REV5-001-001	distilling spider for 5 flasks; socket size (female) 29/32, cone size (male) 24/29	1	



LBX | RECIRCULATING CHILLER, RC-1



This device offers a solution to a wide range of cooling needs in laboratories and industrial applications. It offers a cost-effective and environmentally friendly alternative to the use of tap water. The device can be used with different equipment that requires refrigerant-based condensation: rotary evaporators, distillation equipment, Soxhlet apparatus for extraction, Clevenger equipment, etc. The device is equipped with wheels and a refrigerant level indicator in the tank. It uses the refrigerant R-290 (with low environmental impact). It is recommended to use it with a 5 % glycol mixture in water. It allows the simultaneous connection of up to four different devices. Compliant with DIN 12876-2 standard. 230 V / 50 Hz. 1 year warranty

reference	capacity	ext. dim. (l x w x h)	gamme de temp.	stabilité de temp.	puissance	pcs/pack	price/pack
CHIL-040-001	40 L	460 x 475 x 740 mm	-7 - 25 °C	± 1 °C	430 W	1	



WATER VACUUM PUMP WITH CHECK VALVE

Integrated non-return valve. Made of borosilicate glass LBG 3.3

LBG



reference	∅ _{connector} (mm)	h (mm)	∅ _{side hose} (mm)	pcs/pack	price/pack
VPU3-018-001	18	150	9	1	

CONNECTION KIT FOR WATER VACUUM PUMP

Allows to fix the water vacuum (VPU3-018-001) to the faucet

astik's

reference	type	pcs/pack	price/pack
VPUA-001-001	includes 30 cm of tube and 2 tubing ties	1	

WATER VACUUM PUMP WITH CHECK VALVE, POLYPROPYLENE

Integrated non-return valve. Can be dismantled easily for cleaning. Autoclavable at 121 °C

astik's



reference	∅ _{connector} (mm)	h (mm)	∅ _{side hose} (mm)	pcs/pack	price/pack
VPUP-001-001	13,5	190	9	1	
Spare parts					
VPUP-A01-001	spare tube connector for VPUP-001-001			1	

HAND OPERATED VACUUM PUMP

Made of high impact polystyrene. Can reach a vacuum of up to 652 mmHg pumping manually. With hose connector for tubing with internal ∅ 6 mm, for example Ref. RUTT-006-002

lbox

reference	type	pcs/pack	price/pack
VACU-H01-001	without vacuum gauge	1	
VACU-H02-001	with vacuum gauge	1	

VACUUM PUMP, LBX V

For filter units, filtering flasks, desiccators and other laboratory applications. Compact and light weight. Piston powered vacuum pump, 100% oil-free transfer, clean and maintenance free. Adjustable vacuum. Vacuum gauge included. Silent running (50 dB). Overheating protection and overflow protection to prevent liquid from being sucked into the pump. Motor rotation: 1450 rpm. 220 V / 50 Hz. Warranty 2 years. It is recommended to combine vacuum pumps with a vacuum trap, essential in those cases where you work with a filter manifold

lbox



reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack
VACU-V10-001	18 l/min	120 mbar / 670 mmHg	60 W	∅ 8 mm	1	
VACU-V20-001	20 l/min	40 mbar / 730 mmHg	80 W	∅ 8 mm	1	
VACU-V50-001	90 l/min	85 mbar / 695 mmHg	250 W	∅ 8 mm	1	





VACUUM PUMP WITH PTFE-COATING, LBX C



With a PTFE-coated diaphragm and a pump head with FKM valves, which makes it an efficient and affordable option for applications that involve mildly reactive gases, such as solvent purifications, SPE and vacuum filtrations. 100% oil-free transfer, clean and maintenance free. Silent running (50 dB). Overheat protection. 220V/50Hz. Warranty 1 year. It is recommended to combine with a vacuum trap, essential in those cases where you work with a filter manifold

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack
VACU-C10-001	20 l/min	99 mbar / 685 mmHg	60 W	Ø 8 mm	1	



CHEMICALLY RESISTANT VACUUM PUMP, LBX R



Chemically resistant pump therefore suitable for highly aggressive or corrosive gases and vapours because all wetted parts are made of PTFE material. For filter units, SPE, gel electrophoresis, rotary evaporator (only VACU-R20-001). Compact and light weight. 100% oil-free transfer, clean and maintenance free. Silent running (50 dB). Thermal protection. Motor rotation: 1450 rpm. 220 V / 50 Hz. Warranty 2 years. See the spare parts available for these devices on our website

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack
VACU-R10-001	18 l/min	99 mbar / 685 mmHg	60 W	Ø 8 mm	1	
VACU-R20-001	18 l/min	10 mbar / 752 mmHg	90 W	Ø 8 mm	1	



ROTARY VANE VACUUM PUMP, LBX K



Rotary vane mechanism that allows to generate a higher vacuum. Requires lubrication by recirculating oil (each pump includes a 500 ml VACU-KLB-500 bottle). Recommended for vacuum drying ovens of up to 60 L capacity and other high vacuum needs. Silent running (52 dB). Thermal protection. Motor rotation: 1440 rpm. 220 V / 50 Hz. Warranty 2 years

reference	flow rate at atm. pres.	max. vacuum	max. power	connector for tube	pcs/pack	price/pack
VACU-K10-001	127 l/min	0,1 torr	375 W	Ø 10 mm	1	
Accessories and spare parts						
VACU-KLB-500		lubricant oil for LBX K pump, 500 ml			1	
VACU-A35-001		oil mist outlet (must combine with VACU-S16-001 and an 8 mm intØ tube)			1	
VACU-A36-001		oil exhaust filter for LBX K			1	



ACCESSORIES AND SPARE PARTS FOR VACUUM PUMPS LBX

See other spare parts available for these vacuum pumps on our website

lbx



reference	description	pcs/pack	price/pack
VACU-S01-001	repair kit for VACU-V10	1	
VACU-S02-001	repair kit for VACU-V20	1	
VACU-S03-001	repair kit for VACU-R10	1	
VACU-S04-001	repair kit for VACU-R20	1	
VACU-S05-001	prote™ filter cartridge (overflow protection) for VACU-V10 and V20	1	
VACU-S06-001	glass moisture trap / vacuum regulator for VACU-R10 and R20	1	
VACU-S08-001	glass moisture trap / vacuum regulator for VACU-V10 and V20	1	
VACU-S10-001	muffler (air outlet) for VACU-V10 and V20	1	
VACU-S13-001	glass moisture trap / vacuum regulator for VACU-V40 and V50	1	
VACU-S14-001	filter cartridge (overflow protection) for VACU-V40 and V50	1	
VACU-S16-001	hose barb, 1/8 PT, 5/16 in.(8mm) for VACU-V10, V20, V40 and V50	1	
VACU-S17-001	hose barb, 1/8 PT, 4/16 in.(6.4mm) for VACU-V10, V20 and V40	1	
VACU-S18-001	hose barb for VACU-R10 and R20	1	
VACU-S19-001	repair kit for VACU-V50	1	
VACU-S20-001	repair kit for VACU-C10	1	
VACU-S21-001	glass moisture trap / vacuum regulator for VACU-C10	1	



POLYCARBONATE VACUUM TRAP

Collecting recipient which prevents contaminants from migrating into the vacuum pump and vapors from being emitted back into the laboratory system. Made of resistant PC plastic. Not indicated for use with organic solvents. With entrance and exit ports for connecting tubes

astik's

reference	capacity	dimensions (length x width x height)	connector for tube	pcs/pack	price/pack
VTRA-01L-001	1 L	14 x 15 x 23 cm	Ø 9,4 mm	1	
VTRA-02L-001	2 L	14 x 15 x 33 cm	Ø 9,4 mm	1	
VTRA-04L-001	4 L	23 x 17 x 34 cm	Ø 10,4 mm	1	



DESKTOP WATER PURIFICATION SYSTEM, MICROMATIC SERIES

To obtain Type II Analytical Water from tap water, in a more ecological and economical way. Production flow: 2,5 L / h. Microprocessor control that allows monitoring through the digital display the quality of the filtered water, the status of the equipment and the need for fungible change. Quick and easy maintenance without periodic cleaning with acids. Optional 25 liter tank equipped with a dispensing tap. The equipment is delivered calibrated from factory (SGC ISO9001). Equipped with cartridge kit. Installation not included. 100-240V / 50-60Hz. External dimensions (l x w x h): 40 x 25 x 45 cm. Operating equipment weight: 9 kg. See the requirements for the installation of the system on our website. Warranty 1 year

Wasserlab



reference	conductivity (µS/cm)	reverse osmosis performance	silica removal	type	pcs/pack	price/pack
WPSY-001-001	< 1	95 - 99 %	> 99 %	with 25 L tank	1	
WPSY-002-001	< 1	95 - 99 %	> 99 %	without tank	1	
Spare parts						
WPSY-A01-002		pretreatment cartridge to treat 600 L of water			2	
WPSY-A02-002		water type II resin cartridge to treat 1500 L of water			2	
WPSY-A03-001		osmosis cartridge 3 l/h			1	



bb

RUBBER VACUUM TUBING

Natural rubber, red



reference	∅ _{inner} (mm)	∅ _{outer} (mm)	type	pcs/pack	price/pack
RUTT-004-002	4	10	for 4/5 hose	2 m	
RUTT-006-002	6	16	for 8/9 hose	2 m	
RUTT-008-002	8	16	for 9/10 hose	2 m	
RUTT-010-002	10	22	for 12/13 hose	2 m	
"Saving package"					
RUTT-004-010	4	10	for 4/5 hose	10 m	
RUTT-006-010	6	16	for 8/9 hose	10 m	
RUTT-008-010	8	16	for 9/10 hose	10 m	
RUTT-010-010	10	22	for 12/13 hose	10 m	

bb

SILICONE TUBING, TRANSLUCENT

For lab applications where liquids must be transferred. Service temperature from -60 up to +200 °C. Certificate of biocompatibility, USP Class VI. Meets FDA and BgVV positive lists



reference	∅ _{inner} (mm)	∅ _{outer} (mm)	pcs/pack	price/pack
SILT-001-005	1	3	5 m	
SILT-002-005	2	4	5 m	
SILT-004-005	4	8	5 m	
SILT-006-005	6	10	5 m	
SILT-008-005	8	12	5 m	
SILT-010-005	10	14	5 m	
SILT-012-005	12	16	5 m	
SILT-014-005	14	20	5 m	
SILT-016-005	16	20	5 m	
"Saving package"				
SILT-001-025	1	3	25 m	
SILT-002-025	2	4	25 m	
SILT-004-025	4	8	25 m	
SILT-006-025	6	10	25 m	
SILT-008-025	8	12	25 m	
SILT-010-025	10	14	25 m	
SILT-012-025	12	16	25 m	
SILT-014-025	14	20	25 m	
SILT-016-025	16	20	25 m	

clink

MOHR'S TUBING CLIP

Nickel plated steel. To keep a tubing completely closed or open



reference	type	l (mm)	pcs/pack	price/pack
MOTC-070-005	max. opening: 10 mm	70	5	

PTFE TUBING

Excellent chemical and thermal resistance (from -200 to 260 °C)

reference	∅ _{inner} (mm)	∅ _{outer} (mm)	pcs/pack	price/pack
TEFT-002-005	2	4	5 m	
TEFT-004-005	4	6	5 m	
TEFT-006-005	6	8	5 m	
TEFT-008-005	8	10	5 m	
TEFT-010-005	10	12	5 m	

bb

**LATEX TUBING**

Amber colour. For lab applications where liquids must be transferred

reference	∅ _{inner} (mm)	∅ _{outer} (mm)	type	pcs/pack	price/pack
LTXT-004-005	4,5	9	for 4/5 hose	5 m	
LTXT-007-005	7	10	for 8/9 hose	5 m	
LTXT-008-005	8	12	for 10 hose	5 m	
LTXT-010-005	10	14	for 12/13 hose	5 m	
LTXT-012-005	12	18	for 15/16 hose	5 m	
LTXT-014-005	14	20	for 16 hose	5 m	
"Saving package"					
LTXT-004-025	4,5	9	for 4/5 hose	25 m	
LTXT-007-025	7	10	for 8/9 hose	25 m	
LTXT-008-025	8	12	for 10 hose	25 m	
LTXT-010-030	10	14	for 12/13 hose	30 m	
LTXT-012-025	12	18	for 15/16 hose	25 m	
LTXT-014-020	14	20	for 16 hose	20 m	

bb

**RATCHET TUBING CLIP, PP**

With a five positions ratchet system to regulate the liquid flow. For ∅ 0,5 mm a ∅ 9,5 mm tubing. Autoclavable at 121 °C

reference	type	pcs/pack	price/pack
RATC-001-012	max. opening: 95 mm	12	

astik's

**HOSE CLAMP**

Made of stainless steel

reference	∅ (mm)	pcs/pack	price/pack
HOSS-010-005	10 - 17	5	
HOSS-012-005	12 - 20	5	
HOSS-015-005	15 - 25	5	

clink



astik's

LABORATORY TRAY

Made of polypropylene. Autoclavable at 121 °C



reference	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack
TRYP-001-001	375	300	75	1	
TRYP-002-001	450	350	75	1	

astik's

LABORATORY TRAY FOR BOTTLES

Made of polypropylene. With handle. Autoclavable at 121 °C



reference	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack
TRYP-003-001	380	240	115	1	

astik's

DEEP TRAY, PVC

For general laboratory use. Made of polyvinyl chloride (PVC). Stackable



reference	internal dimensions (length x width x height)	external dimensions (length x width x height)	pcs/pack	price/pack
TRYV-001-001	200 x 150 x 45 mm	245 x 195 x 50 mm	1	
TRYV-002-001	250 x 200 x 60 mm	305 x 250 x 60 mm	1	
TRYV-003-001	320 x 260 x 70 mm	385 x 325 x 75 mm	1	
TRYV-004-001	350 x 300 x 80 mm	420 x 375 x 85 mm	1	
TRYV-005-001	430 x 330 x 90 mm	505 x 405 x 95 mm	1	
TRYV-006-001	520 x 420 x 90 mm	600 x 495 x 100 mm	1	
TRYV-007-001	675 x 530 x 100 mm	765 x 620 x 110 mm	1	
TRYV-008-001	540 x 420 x 180 mm	635 x 515 x 190 mm	1	

clink

INSTRUMENTS TRAY

304 stainless steel



reference	internal dimensions (length x width x height)	pcs/pack	price/pack
TRYS-015-001	150 x 100 x 30 mm	1	
TRYS-020-001	200 x 150 x 35 mm	1	
TRYS-030-001	300 x 200 x 40 mm	1	
TRYS-035-001	350 x 250 x 50 mm	1	
TRYS-045-001	450 x 350 x 50 mm	1	

clink

INSTRUMENTS BOX

With lid and handle. 304 stainless steel



reference	internal dimensions (length x width x height)	pcs/pack	price/pack
IBOX-020-001	200 x 100 x 50 mm	1	
IBOX-030-001	300 x 200 x 60 mm	1	
IBOX-040-001	400 x 200 x 80 mm	1	

INSTRUMENT BOX WITH COVER, PP

The lid fits into the slot to prevent splashing. Ideal for storage, immersion of pipettes in disinfectant solution and sterilisation of small instruments. Stackable

astik's



reference	internal dimensions (length x width x height)	pcs/pack	price/pack
IBOP-022-001	225 x 150 x 70 mm	1	
IBOP-045-001	450 x 150 x 70 mm	1	

**LABORATORY BOWL**

Rimmed edge and flat bottom. 304 stainless steel

clink



reference	capacity	\varnothing_{top} (mm)	pcs/pack	price/pack
WBSS-160-001	1 L	160	1	
WBSS-220-001	2 L	220	1	
WBSS-240-001	3 L	240	1	
WBSS-270-001	5 L	270	1	
WBSS-300-001	6 L	300	1	
WBSS-320-001	8 L	320	1	

**CRUCIBLE TONGS**

Made of stainless steel

clink

reference	l (mm)	pcs/pack	price/pack
Straight model (A)			
CRTS-150-002	150	2	
CRTS-200-002	200	2	
CRTS-250-002	250	2	
CRTS-300-002	300	2	
CRTS-400-002	400	2	
CRTS-500-002	500	2	
Medium bow (B)			
CRTM-150-002	150	2	
CRTM-200-002	200	2	
CRTM-250-002	250	2	
CRTM-300-002	300	2	
CRTM-400-002	400	2	
CRTM-500-002	500	2	



A



B

CRUCIBLE TONGS WITH HEAT PROTECTION

Made of 410 SS. Robust, with a sturdy heat protector on the handle. Autoclavable

clink



reference	l (mm)	pcs/pack	price/pack
CRTM-30P-001	300	1	



clink | **BOW SHAPE TONGS FOR CONTAINERS**

Available in two models: suitable for beakers from 250 to 1500 ml and for flasks from 100 to 2000 ml. Both with cork lined jaws improving the insulation

reference	l (mm)	type	pcs/pack	price/pack
BKTW-300-002	300	for beakers (A)	2	
FLTW-250-002	250	for flasks (B)	2	

clink | **SPATULA WITH SPOON**

Made of stainless steel

reference	l (mm)	W _{spatula} (mm)	pcs/pack	price/pack
SPSS-120-005	120	15	5	
SPSS-150-005	150	18	5	
SPSS-175-005	175	17	5	
SPSS-210-005	210	20	5	

clink | **SPATULA WITH SPOON PREMIUM LINE**

Made of 304 SS. Autoclavable

reference	l (mm)	W _{spatula} (mm)	pcs/pack	price/pack
SPPL-P12-003	120	21,3	3	
SPPL-P15-003	150	22	3	
SPPL-P18-003	180	26	3	
SPPL-P21-003	210	26	3	
SPPL-P25-003	250	32	3	
SPPL-P30-003	300	40	3	

astik's | **SPATULA, POLYAMIDE**

Made of polyamide (PA), reinforced glass fiber

reference	l (mm)	type	pcs/pack	price/pack
SPSA-D15-012	150	spatula-spatula	12	
SPSA-D18-012	180	spatula-spatula	12	

astik's | **SPATULA WITH SPOON, POLYPROPYLENE**

Autoclavable at 121 °C

reference	l (mm)	W _{spatula} (mm)	pcs/pack	price/pack
SPSP-150-005	150	21	5	
SPSP-200-005	200	22	5	

PORCELAIN SPATULA WITH SPOON

Made of porcelain, withstands temperatures up to 1150 °C. Glazed

HDN
ceramics

reference	l (mm)	pcs/pack	price/pack
PSWS-123-001	123	1	
PSWS-165-001	165	1	
PSWS-195-001	195	1	

**LABORATORY SPATULA**

Made of stainless steel

clink

reference	l (mm)	W _{spatula} (mm)	pcs/pack	price/pack
Doubled curved-end (A)				
SPDS-130-005	130	11	5	
SPDS-150-005	150	11	5	
SPDS-180-005	180	11	5	
SPDS-210-005	210	11	5	
Chattaway (B)				
SPCS-150-005	150	6	5	
SPCS-200-005	200	7	5	
Trulla (C)				
SPTS-001-005	170	22	5	

**SPATULA, CHATTAWAY PREMIUM LINE**

Made of 304 SS. Autoclavable

clink



reference	l (mm)	W _{spatula} (mm)	pcs/pack	price/pack
SPPS-P13-003	130	9	3	
SPPS-P15-003	150	9	3	
SPPS-P18-003	180	9	3	
SPPS-P20-003	200	10	3	
SPPS-P25-003	250	10	3	

**GROOVED SPATULA PREMIUM LINE**

Made of 304 SS. Autoclavable

clink



reference	l (mm)	W _{spatula} (mm)	pcs/pack	price/pack
SPGS-150-005	150	9,6	5	
SPGS-180-005	180	9,6	5	
SPGS-200-005	200	10	5	
SPGS-250-005	250	10	5	



clink

MORTAR SPATULA PREMIUM LINE

Made of 304 SS. Robust and durable. Autoclavable



reference	l (mm)	w _{spatula} (mm)	pcs/pack	price/pack
SPHS-150-001	150	19,5	1	
SPHS-180-001	180	19,5	1	
SPHS-250-001	250	25	1	

clink

LABORATORY MICRO SPATULA

Made of stainless steel



reference	l (mm)	w _{spatula} (mm)	pcs/pack	price/pack
With spoon (A)				
SPNS-150-005	150	5,7	5	
SPNS-200-005	200	5,7	5	
Chattaway (B)				
SPMS-100-005	100	3,5	5	
SPMS-150-005	150	4	5	
SPMS-200-005	200	4	5	

clink

MICRO-SCOOP AND MICRO-SPATULA PREMIUM LINE

Made of 304 SS. Autoclavable



reference	L (mm)	w _{spatula} (mm)	pcs/pack	price/pack
SCNS-150-005	150	5,1	5	
SCNS-180-005	180	5,1	5	
SCNS-210-005	210	5,1	5	

clink

SPATULA WITH WOODEN HANDLE

Flexible stainless steel blade



reference	blade (mm)	handle (mm)	pcs/pack	price/pack
SPWS-100-001	100	100	1	
SPWS-150-001	150	100	1	
SPWS-200-001	200	100	1	
SPWS-250-001	250	100	1	
SPWS-300-001	300	100	1	

SCISSORS

Made of stainless steel. Not suitable for autoclaving

reference	l (mm)	type	pcs/pack	price/pack
SCIS-14A-001	145	dissection straight, pointed/pointed (A)	1	
SCIS-14B-001	145	dissection straight, pointed/blunt (B)	1	
SCIS-14C-001	145	dissection straight, blunt/blunt (C)	1	
SCIS-14D-001	140	dissection Mayo curved, pointed/pointed (D)	1	
SCIS-13E-001	130	dissection Iris straight, pointed/pointed (E)	1	
SCIS-115-001	115	microscopy straight, pointed/pointed (F)	1	
SCIS-220-001	220	for general use, with red PVC handle (G)	1	

clink

**SCISSORS PREMIUM LINE**

Made of stainless steel grade 410. Autoclavable

reference	l (mm)	type	pcs/pack	price/pack
SCIP-14A-001	145	dissection straight, pointed/pointed (A)	1	
SCIP-14B-001	145	dissection straight, pointed/blunt (B)	1	
SCIP-14C-001	145	dissection straight, blunt/blunt (C)	1	
SCIP-14D-001	140	dissection Mayo curved, pointed/pointed (D)	1	
SCIP-13E-001	130	dissection Iris straight, pointed/pointed (E)	1	
SCIP-130-001	130	microscopy straight, pointed/pointed (F)	1	
SCIP-200-001	200	for general use, with blu PVC handle (G)	1	

clink

**DISPOSABLE SCALPEL**

Single packed, stainless steel blade fitted on plastic handle. Free sterilization certificate available on the website

reference	type	pcs/pack	price/pack
SCAS-023-010	size 23, sterile	10	

clink

**SCALPEL HANDLE**

In stainless steel. Reusable and autoclavable, can be combined with our reference SCBL

reference	l (mm)	type	pcs/pack	price/pack
SCHA-003-001	125	for blade n° 10, 11, 15 (A)	1	
SCHA-004-001	140	for blade n° 21, 22, 23, 24 (B)	1	

clink



KRAPE S.A.

SCALPEL BLADES, STERILE

Individually packed in sturdy aluminium packaging. Sterile by E-BEAM rays. Compatible with our references SCHA-003-001 and SCHA-004-001. Medical device class IIa, according to the medical device regulation. Free sterilization certificate available on the website



reference	type	pcs/-pack	price/-pack
SCBL-010-100	blade n° 10	100	
SCBL-011-100	blade n° 11	100	
SCBL-015-100	blade n° 15	100	
SCBL-021-100	blade n° 21	100	
SCBL-022-100	blade n° 22	100	
SCBL-023-100	blade n° 23	100	
SCBL-024-100	blade n° 24	100	

clink

SCALPEL WITH BLADE PREMIUM LINE

In stainless steel. Reusable and autoclavable



reference	L (mm)	type	pcs/-pack	price/-pack
SCAL-P01-001	150	one curved edge, sharp tip (A)	1	
SCAL-P02-001	160	two curved edges, sharp tip (B)	1	

clink

DISSECTION NEEDLE

Stainless steel needle with plastic handle

reference	type	pcs/-pack	price/-pack
DISS-001-005	pointed needle (A)	5	
DISS-002-005	with blade (B)	5	

clink

DISSECTING NEEDLES PREMIUM LINE

In stainless steel. Autoclavables



reference	type	pcs/-pack	price/-pack
DISS-P01-003	pointed needle (A)	3	
DISS-P02-003	with blade (B)	3	
DISS-P03-003	curved (C)	3	
DISS-KIT-003	pointed, with blade and curved	3	

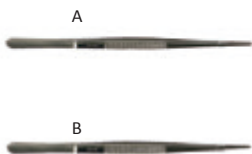
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LONG LABORATORY FORCEPS

Made of stainless steel grade 410



reference	L (mm)	type	pcs/-pack	price/-pack
FORS-L01-001	300	straight fine tips (A)	1	
FORS-L02-001	300	straight wide tips (B)	1	



LABORATORY FORCEPS

Made of stainless steel grade 410

reference	l (mm)	type	pcs/pack	price/pack
FORS-001-002	125	straight end (A)	2	
FORS-002-002	120	fine tips, spring (B)	2	
FORS-003-002	136	fine tips (C)	2	
FORS-004-002	110	wide end (D)	2	
FORS-006-002	115	for cover-glasses and membranes (E)	2	
FORS-007-002	120	fine tips, bent (F)	2	
FORS-008-002	130	straight with teeth 1:2 (G)	2	
FORS-009-002	115	curved round tips (H)	2	

clink

**DISSECTING KITS PREMIUM LINE**

Stainless steel instrument kit, presented in a black case with zip closure. Two different models with the essential elements for dissection and laboratory. The 6-piece dissection kit case includes: SCIP-130-001, FORS-001-002, DISS-P01-003, DISS-P02-003, DISS-P03-003, SCAL-P01-001. The 10 piece lab kit case includes: SCIP-14A-001, SCIP-14B-001, FORS-001-002, FORS-007-002, SCAL-P01-001, SPPL-P12-003, SCNS-150-005, SPPS-P13-003, SPGS-150-005 and DISS-P01-003. Instruments made of autoclavable stainless steel

reference	dimensions (L x w x h)	type	pcs/pack	price/pack
DISK-006-001	175 x 110 x 25 mm	dissecting kit	1	
DISK-010-001	175 x 130 x 25 mm	laboratory kit	1	
DISK-E10-001	175 x 130 x 25 mm	empty	1	

clink

**CHAIN CLAMP**

For beakers and other big-diameter flasks. With stainless steel chain and spring

reference	∅ (mm)	pcs/pack	price/pack
CHAS-001-001	80 - 150	1	

clink

**RETORT CLAMP**

Can hold 15 to 65 mm diameter objects

reference	l (mm)	type	pcs/pack	price/pack
RCL2-001-001	245	2 cork-lined prongs (A)	1	
RCL3-001-001	260	3 rubber sleeved prongs (B)	1	
RCL4-001-001	245	4 cork-lined prongs (C)	1	

clink

**RETORT CLAMP FOUR PRONGS PREMIUM LINE**

Made of die-cast aluminum alloy. Opening from 0 to 80 mm

reference	l (mm)	type	pcs/pack	price/pack
RCP4-001-001	230	4 cork-lined prongs	1	

clink



clink | **RETORT CLAMP PREMIUM LINE**

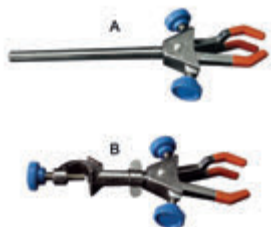
Made of antiaacid and anticorrosive die-cast aluminum alloy



reference	∅ (mm)	l (mm)	type	pcs/pack	price/pack
RCP2-001-001	30 - 50	200	2 PVC sleeved prongs	1	
RCP2-002-001	50 - 80	220	2 PVC sleeved prongs	1	
RCP2-003-001	30 - 50	200	2 cork-lined prongs	1	
RCP2-004-001	50 - 80	220	2 cork-lined prongs	1	

clink | **THREE FINGER DOUBLE ADJUST CLAMP**

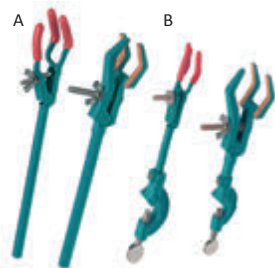
PVC coated prongs



reference	∅ (mm)	l (mm)	type	pcs/pack	price/pack
Without bosshead (A)					
RCD3-035-001	0 - 35	220	small	1	
RCD3-060-001	0 - 60	270	large	1	
With bosshead (B)					
RDS3-035-001	0 - 35	180	small	1	
RDS3-060-001	0 - 60	210	large	1	

clink | **RETORT CLAMP THREE PRONGS PREMIUM LINE**

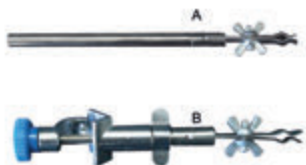
Made of antiaacid and anticorrosive light alloy



reference	∅ (mm)	l (mm)	type	pcs/pack	price/pack
Without bosshead (A)					
RPD3-025-001	10 - 25	170	PVC sleeved prongs	1	
RPD3-045-001	25 - 45	225	cork-lined prongs	1	
With bosshead (B)					
RPS3-025-001	10 - 25	204	PVC sleeved prongs	1	
RPS3-045-001	25 - 45	210	cork-lined prongs	1	

clink | **THERMOMETER EXTENSION CLAMP**

To hold thermometers, burettes and small diameter objects



reference	l (mm)	type	pcs/pack	price/pack
THCL-001-001	200	without bosshead (A)	1	
THCS-001-001	200	with bosshead (B)	1	

clink | **OPEN RING RETORT SUPPORT WITH BOSSHEAD**

Made of chromium plated steel



reference	∅ (mm)	∅ _{inside} (mm)	pcs/pack	price/pack
RROS-060-001	60	45	1	
RROS-080-001	80	64	1	
RROS-100-001	100	83	1	
RROS-120-001	120	100	1	

OPEN RING RETORT WITH BOSSHEAD PREMIUM LINE

Painted iron with epoxy powder

reference	$\varnothing_{\text{inner}}$ (mm)	l (mm)	pcs/pack	price/pack
RROP-050-001	50	120	1	
RROP-070-001	70	130	1	
RROP-085-001	85	140	1	
RROP-115-001	115	160	1	
RROP-135-001	135	175	1	
RROP-150-001	150	195	1	

clink

**CLOSED RETORT RING WITH BOSSHEAD**

Made of stout wire

reference	\varnothing (mm)	pcs/pack	price/pack
RTRS-050-002	50	2	
RTRS-075-002	75	2	
RTRS-100-002	100	2	
RTRS-125-002	125	2	
RTRS-150-002	150	2	

clink

**RETORT STAND**

Heavy metal sheet with rubber lining. Includes a chromium plated rod with diameter and height shown below

reference	l _{base} (mm)	w _{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h _{rod} (mm)	pcs/pack	price/pack
RTSM-160-001	160	100	670	10	500	1	
RTSM-200-001	200	125	1220	10	500	1	
RTSM-250-001	250	160	1450	10	500	1	
RTSM-300-001	310	200	1600	10	700	1	

clink

**RETORT STAND**

Metal sheet. Includes an aluminum rod with diameter and height shown below

reference	l _{base} (mm)	w _{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h _{rod} (mm)	pcs/pack	price/pack
RTMM-175-001	175	100	475	9	450	1	
RTMM-225-001	225	125	775	10	500	1	
RTMM-250-001	250	150	970	10	600	1	
RTMM-300-001	300	150	1165	10	700	1	

clink

**RETORT STAND**

Cast iron. Includes a 600 mm high chromium plated rod

reference	l _{base} (mm)	w _{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h _{rod} (mm)	pcs/pack	price/pack
RTCM-200-001	200	140	860	10	600	1	

clink




 clink | **RETORT STAND PREMIUM LINE**

Made of steel powder coated Epoxy acid proof. Includes an aluminum rod with diameter and height shown below

reference	l_{base} (mm)	w_{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h_{rod} (mm)	pcs/pack	price/pack
RTSP-200-001	200	130	2500	10	500	1	
RTSP-250-001	250	160	4000	12	600	1	
RTSP-310-001	310	200	4800	12	800	1	


 clink | **TRIPOD STAND**

Cast iron stand. Includes a 600 mm high chromium plated rod

reference	l_{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h_{rod} (mm)	pcs/pack	price/pack
TSTM-135-001	135	1700	10	600	1	


 clink | **TRIPOD STAND PREMIUM LINE**

Painted cast iron stand. Includes a 600 mm height aluminum rod. The design provides greater stability

reference	l_{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h_{rod} (mm)	pcs/pack	price/pack
TSTP-141-001	140	1800	12	600	1	


 clink | **U-SHAPE STAND PREMIUM LINE**

Made of cast iron painted and oven-dried with epoxy powder and rubber protectors. Includes aluminum rod of the indicated diameter and height

reference	l_{base} (mm)	base weight (g)	\varnothing_{rod} (mm)	h_{rod} (mm)	pcs/pack	price/pack
USSP-225-001	350	4000	12	600	1	
USSP-295-001	480	8000	15	1000	1	


 clink | **RETORT STAND, "H" SHAPE**

With a heavy metal stand. 3 vertical and 2 horizontal rods of dimensions indicated below. All rods are joined by 6 heads in total

reference	\varnothing_{rod} (mm)	h (mm)	l (mm)	w (mm)	base weight (g)	pcs/pack	price/pack
HSSM-010-001	10	800	500	250	6500	1	
HSSM-012-001	12	800	500	250	6250	1	


 clink | **BOSSHEAD, FISHER TYPE**

Suitable for rod diameters from 9 to 16 mm

reference	type	pcs/pack	price/pack
BOSF-001-004	Fisher	4	

BOSSHEAD, FISHER TYPE PREMIUM LINE

Aluminium alloy with nickel-plated steel screws. Suitable for rod diameters up to 16 mm

reference	type	pcs/pack	price/pack
BOFP-001-001	Fisher	1	

clink

**BOSSHEAD, SQUARED**

Suitable for rod diameters up to 16 mm

reference	type	pcs/pack	price/pack
BOSS-001-004	square	4	

clink

**BOSSHEAD, HIGH STRENGTH**

Designed to withstand high loads. Suitable for rod diameters up to 19 mm

reference	type	pcs/pack	price/pack
BOSH-001-001	bosshead	1	

clink

**TRIPOD STAND CIRCULAR TOP**

Cast iron top with zinc plated legs

reference	∅ (mm)	h (mm)	pcs/pack	price/pack
TRSC-175-001	125	175	1	
TRSC-200-001	125	200	1	

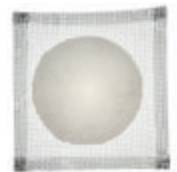
clink

**CERAMIC PLATE, IRON WIRE WITH CERAMIC CENTER**

Without asbestos

reference	∅ _{ceramic} (mm)	l (mm)	w (mm)	pcs/pack	price/pack
CPLS-100-001	70	100	100	1	
CPLS-125-001	85	125	125	1	
CPLS-150-001	100	150	150	1	
CPLS-200-001	147	200	200	1	
"Saving package"					
CPLS-100-020	70	100	100	20	
CPLS-125-020	85	125	125	20	
CPLS-150-020	100	150	150	20	
CPLS-200-020	147	200	200	20	

clink



clink | **LABORATORY JACK**

Made of aluminum



reference	l (mm)	w (mm)	h _{max} (mm)	max. weight	hole dimensions	pcs/pack	price/pack
JACA-100-001	100	100	140	30 kg	does not have	1	
JACA-150-001	150	150	280	60 kg	M8x1,25	1	
JACA-200-001	200	200	290	60 kg	M8x1,25	1	

clink | **LABORATORY JACK, PREMIUM LINE**

Made of anodised aluminium with stainless steel screw. The anodised coating makes it resistant to corrosion and scratching. Very robust and easy to clean



reference	l (mm)	w (mm)	h _{max} (mm)	max. weight	pcs/pack	price/pack
JACP-120-001	120	140	240	10 kg	1	

clink | **GLASS TUBE CUTTER**

Zinc alloy with nickel-chromium plated, with hardened steel cutting wheel



reference	type	pcs/pack	price/pack
GTCM-030-001	for up to 30 mm diameter tubes	1	

bb | **GLASS STIRRING ROD**

Glass stirring rod with round ends



reference	∅ (mm)	l (mm)	pcs/pack	price/pack
STRN-150-005	7	150	5	
STRN-200-005	7	200	5	
STRN-300-005	7	300	5	
STRN-400-005	9	400	5	

bb | **PTFE STIRRING ROD**

PTFE coated steel core



reference	∅ (mm)	l (mm)	pcs/pack	price/pack
STRT-300-001	6	300	1	

bb | **POLICEMAN STIRRING ROD, POLYPROPYLENE**

Autoclavable at 121 °C



reference	∅ (mm)	l (mm)	pcs/pack	price/pack
STRP-245-012	6	245	12	

GRADUATED BOTTLE WITH ISO THREAD, BOROSILICATE 3.3

Made of borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 45 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

LBG



reference	capacity	∅ _{base} (mm)	h (mm)	thread	pcs/pack	price/pack
LBG3-100-010	100 ml	56	100	GL 45	10	
LBG3-250-010	250 ml	70	138	GL 45	10	
LBG3-500-010	500 ml	86	176	GL 45	10	
LBG3-1K0-010	1000 ml	101	225	GL 45	10	

**GRADUATED BOTTLE WITH ISO THREAD, BOROSILICATE 3.3, LARGE FORMAT**

Made of borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 45 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

LBG



reference	capacity	∅ _{base} (mm)	h (mm)	thread	pcs/pack	price/pack
SBG3-5K0-001	5000 ml	186	330	GL 45	1	
SBG3-10K-001	10000 ml	234	410	GL 45	1	
SBG3-20K-001	20000 ml	299	505	GL 45	1	

**GRADUATED BOTTLE WITH ISO THREAD, BOROSILICATE 3.3, AMBER**

Made of amber borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 45 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

SIMAX



reference	capacity	∅ _{base} (mm)	h (mm)	thread	pcs/pack	price/pack
SBGA-100-010	100 ml	56	100	GL 45	10	
SBGA-250-010	250 ml	70	138	GL 45	10	
SBGA-500-010	500 ml	86	176	GL 45	10	
SBGA-1K0-010	1000 ml	101	225	GL 45	10	
SBGA-2K0-001	2000 ml	136	260	GL 45	1	

**GRADUATED BOTTLE WITH ISO THREAD GL 80**

Made of borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 80 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

SIMAX



reference	capacity	dimensions (mm)	h (mm)	thread	pcs/pack	price/pack
SBS3-500-010	500 ml	94 x 94	141	GL 80	10	
SBS3-1K0-010	1000 ml	105 x 105	187	GL 80	10	
SBS3-2K0-001	2000 ml	115 x 115	260	GL 80	1	
SBS3-5K0-001	5000 ml	160 x 160	357	GL 80	1	





SIMAX



GRADUATED BOTTLE WITH ISO THREAD GL 80, AMBER

Made of amber borosilicate glass 3.3. Fully autoclavable at 134 °C. GL 80 thread, according to ISO 4796. With blue screw cap and pouring ring in polypropylene

reference	capacity	dimensions (mm)	h (mm)	thread	pcs/pack	price/pack
SBSA-500-010	500 ml	94 x 94	141	GL 80	10	
SBSA-1K0-010	1000 ml	105 x 105	187	GL 80	10	
SBSA-2K0-001	2000 ml	115 x 115	260	GL 80	1	
SBSA-5K0-001	5000 ml	160 x 160	357	GL 80	1	

SIMAX



ACCESSORIES FOR LABORATORY BOTTLES WITH ISO THREAD

Caps and pouring rings of different colours for a better identification of the samples. PP caps and pouring rings have a thermal resistance up to 134 °C. PBTB caps with PTFE-coated silicone gasket and ETFE pouring rings can be used up to 200 °C, and have a higher chemical resistance than PP

reference	screw	material	description	pcs/pack	price/pack
SBGP-A01-010	GL 45	PP	blue cap	10	
SBGP-A02-005	GL 45	PBTB/PTFE	red cap	5	
SBGP-A05-010	GL 80	PP	blue cap	10	
SBGP-A03-010	GL 45	PP	blue pouring ring	10	
SBGP-A04-005	GL 45	ETFE	red pouring ring	5	
SBGP-A06-010	GL 80	PP	blue pouring ring	10	
SBGP-A07-010	GL 45	PP	green cap	10	
SBGP-A08-010	GL 45	PP	orange cap	10	
SBGP-A09-010	GL 45	PP	yellow cap	10	
SBGP-A10-010	GL 45	PP	clear pouring ring	10	



LBG

GLASS JAR WITH SCREW CAP

Made of neutral glass LBG N. White lid

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
TRTN-100-060	100 ml	46	96	TO43	60	
TRTN-450-030	450 ml	67	169	TO63	30	
TRTN-720-020	720 ml	82	173	TO77	20	
TRTN-950-016	950 ml	93	178	TO77	16	



astik's



PTFE BOTTLE, WIDE MOUTH

With screw cap (included). Chemically inert and thermally stable, -200 °C to +280 °C

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FRAT-025-001	25 ml	33	61	19	1	
FRAT-100-001	100 ml	52	88	35	1	
FRAT-250-001	250 ml	67	115	42	1	



WIDE MOUTH BOTTLE, HDPE

With black lid and insert plug

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
TROP-060-010	60 ml	57	45	46	10	
TROP-125-010	125 ml	59	70	46	10	
TROP-250-010	250 ml	67	98	62	10	
TROP-500-010	500 ml	80	132	62	10	
TROP-750-005	750 ml	99	127	86	5	
TROP-1K0-005	1000 ml	102	151	86	5	
TROP-2K0-001	2000 ml	118	227	86	1	
"Saving package"						
TROP-060-500	60 ml	57	45	46	500	
TROP-125-300	125 ml	59	70	46	300	
TROP-250-280	250 ml	67	98	62	280	
TROP-500-160	500 ml	80	132	62	160	
TROP-750-112	750 ml	99	127	86	112	
TROP-1K0-090	1000 ml	102	151	86	90	
TROP-2K0-064	2000 ml	118	227	86	64	

astik's

**WIDE MOUTH BOTTLE, HDPE, ASEPTIC AND SINGLE FILM WRAPPED**

With black lid and insert plug

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
TRAP-060-500	60 ml	57	45	46	500	
TRAP-125-300	125 ml	59	70	46	300	
TRAP-250-280	250 ml	67	98	62	280	
TRAP-500-160	500 ml	80	132	62	160	
TRAP-750-112	750 ml	99	127	86	112	
TRAP-1K0-090	1000 ml	102	151	86	90	

astik's

**WIDE MOUTH BOTTLE, HDPE, OPAQUE**

Bottle and lids are made in white opaque colour. Insert plug included

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
TRWP-060-010	60 ml	57	45	46	10	
TRWP-125-010	125 ml	59	70	46	10	
TRWP-250-010	250 ml	67	98	62	10	
TRWP-500-010	500 ml	80	132	62	10	
TRWP-750-005	750 ml	99	127	85	5	
TRWP-1K0-005	1000 ml	102	151	86	5	

astik's



astik's

TAMPER EVIDENT JAR

Leak-proof screw cap made of HDPE with security sealing. Body made of PP. Body and cap are made in white colour. Ideal for solid sampling, stocking and transport



reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
TRPP-050-020	50 ml	35	50	20	
TRPP-100-020	100 ml	50	60	20	
TRPP-250-020	250 ml	65	85	20	
TRPP-500-005	500 ml	90	110	5	
TRPP-1K0-005	1000 ml	110	120	5	

**REAGENT BOTTLE CLEAR, NARROW MOUTH, WITH PP STOPPER**

Made of 3.3 borosilicate glass (upper grade)



reference	capacity	∅ (mm)	h (mm)	joint ST/NS	pcs/pack	price/pack
RBG1-250-001	250 ml	71,5	129	19/26	1	
RBG1-500-001	500 ml	102,2	180	24/29	1	
RBG1-1K0-001	1000 ml	98,7	230	29/32	1	
RBG1-2K0-001	2000 ml	136	265	29/32	1	
"Saving package"						
RBG1-250-010	250 ml	71,5	129	19/26	1	
RBG1-500-010	500 ml	102,2	180	24/29	1	
RBG1-1K0-010	1000 ml	98,7	230	29/32	1	

**REAGENT BOTTLE AMBER, NARROW MOUTH, WITH PP STOPPER**

Made of 3.3 borosilicate glass (upper grade)



reference	capacity	∅ (mm)	h (mm)	joint ST/NS	pcs/pack	price/pack
RBG2-250-001	250 ml	71,5	129	19/26	1	
RBG2-500-001	500 ml	102,2	180	24/29	1	
RBG2-1K0-001	1000 ml	98,7	230	29/32	1	
RBG2-2K0-001	2000 ml	136	265	29/32	1	
"Saving package"						
RBG2-250-010	250 ml	71,5	129	19/26	1	
RBG2-500-010	500 ml	102,2	180	24/29	1	
RBG2-1K0-010	1000 ml	98,7	230	29/32	1	



LBG

CLEAR GLASS BOTTLE

Made of Type III Soda-lime glass according to USP. Requires PP28 screw cap (not included)

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRAN-030-156	30 ml	35	67	PP28	156	
FRAN-060-127	60 ml	38,6	94	PP28	127	
FRAN-125-104	125 ml	49	114,4	PP28	104	
FRAN-250-060	250 ml	61,7	142,9	PP28	60	
FRAN-500-035	500 ml	76,8	176,8	PP28	35	
FRAN-1K0-020	1000 ml	97,5	215,6	PP28	20	



AMBER GLASS BOTTLE

Made of Type III Soda-lime glass according to USP. Requires PP28 screw cap (not included)

LBC

USP
Type III

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRAA-030-156	30 ml	35	67	PP28	156	
FRAA-060-160	60 ml	38,6	94	PP28	160	
FRAA-125-104	125 ml	49	114,4	PP28	104	
FRAA-250-060	250 ml	61,7	142,9	PP28	60	
FRAA-500-035	500 ml	76,8	176,8	PP28	35	
FRAA-1K0-020	1000 ml	97,5	215,6	PP28	20	

**CLEAR BOTTLE, PET**

Requires PP28 screw cap (not included)

astik's

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FPET-060-078	60 ml	38	96	PP28	78	
FPET-120-187	120 ml	48	115	PP28	187	
FPET-250-126	250 ml	58	148	PP28	126	
FPET-500-090	500 ml	69	180	PP28	90	

**AMBER BOTTLE, PET**

Requires PP28 screw cap (not included)

astik's

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FPTA-060-078	60 ml	38	96	PP28	78	
FPTA-120-187	120 ml	48	115	PP28	187	
FPTA-250-126	250 ml	58	148	PP28	126	
FPTA-500-090	500 ml	69	180	PP28	90	

**WIDE MOUTH BOTTLE, PET**

With polypropylene black lid

astik's

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	screw	pcs/pack	price/pack
TPET-100-010	100 ml	72	39	64,1	D70	10	
TPET-250-010	250 ml	72	77,5	64,1	D70	10	
TPET-500-010	500 ml	104	77,7	92,9	D100	10	
TPET-1K0-010	1000 ml	104	138,7	92,9	D100	10	

BPA
FREE

Products identified with this symbol are suitable for food contact, and Labbox certifies it. They comply with the most recent EU regulations on materials in contact with food, and the FDA on raw materials.

astik's

PP28 MOUTH BOTTLE, HDPE

Requires PP28 screw cap (not included). Caution: for bottles FRIP-030-010 choose only TP28-X01-020 screw caps



reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FRIP-030-010	30 ml	36	86	20	10	
FRIP-050-010	50 ml	35	90	20	10	
FRIP-100-010	100 ml	40	105	20	10	
FRIP-250-010	250 ml	58	158	20	10	
FRIP-500-010	500 ml	70	158	20	10	
FRIP-1K0-005	1000 ml	90	213	20	5	
"Saving package"						
FRIP-030-1K0	30 ml	36	86	20	1000	
FRIP-050-800	50 ml	35	90	20	800	
FRIP-100-400	100 ml	40	105	20	400	
FRIP-250-350	250 ml	58	158	20	350	
FRIP-500-180	500 ml	70	158	20	180	
FRIP-1K0-112	1000 ml	90	213	20	112	

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PP28 SCREW CAP DROPPER

Screw cap with dropper-lid. Lid orifice of 3 mm diameter. For our glass bottles FRAN and FRAA

reference	screw	colour	pcs/pack	price/pack
TP28-201-020	PP28	white	20	



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PP28 SCREW CAP, PE

For our glass bottles references FRAN/FRAA, PET bottles references FPET/FPTA and HDPE bottles references FRIP. Caution: for bottles FRIP-030-010 choose only TP28-X01-020 screw caps



reference	screw	colour	pcs/pack	price/pack
TP28-001-020	PP28	white	20	
TP28-002-020	PP28	black	20	
TP28-003-020	PP28	yellow	20	
TP28-004-020	PP28	blue	20	
TP28-005-020	PP28	red	20	
TP28-007-020	PP28	orange	20	
TP28-X01-020	PP28	white	20	
2000 units "Saving package"				
TP28-001-2K0	PP28	white	2000	



PP28 SCREW CAP, PP

With HDPE translucent seal, for our glass bottles references FRAN/FRAA, PET bottles references FPET/FPTA and HDPE bottles references FRIP. Caution: for bottles FRIP-030-010 choose only TP28-X01-020 screw caps

reference	screw	colour	pcs/pack	price/pack
TP28-A01-020	PP28	white	20	
2000 units "Saving package"				
TP28-A01-2K0	PP28	white	2000	

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**PP28 COUNTER DROP SCREW CAP**

Polyethylene counter drop screw cap with seal, nitrile teat and glass tube. Converts our glass bottles FRAN/FRAA, PET bottles FPET/FPTA and HDPE bottles FRIP into counter-drop bottles

reference	screw	type	pcs/pack	price/pack
CG28-030-010	PP28	for 30 ml bottle	10	
CG28-060-010	PP28	for 60 ml bottle	10	
CG28-125-010	PP28	for 125 ml bottle	10	

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**GLASS BOTTLE NARROW NECK WITH DIN-18 SCREW CAP**

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRGN-010-192	10 ml	25	58	DIN-18	192	
FRGN-030-110	30 ml	33	79	DIN-18	110	
FRGN-050-088	50 ml	37	92	DIN-18	88	
FRGN-100-070	100 ml	44	112	DIN-18	70	

LBG

**AMBER GLASS BOTTLE WITH DIN-18 SCREW CAP**

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRGA-005-255	5 ml	22	50	DIN-18	255	
FRGA-010-192	10 ml	25	58	DIN-18	192	
FRGA-015-156	15 ml	28	65	DIN-18	156	
FRGA-020-156	20 ml	29	71	DIN-18	156	
FRGA-030-110	30 ml	33	79	DIN-18	110	
FRGA-050-088	50 ml	37	92	DIN-18	88	
FRGA-100-070	100 ml	44	112	DIN-18	70	

LBG

**BLUE GLASS BOTTLE WITH DIN-18 SCREW CAP**

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRGB-010-192	10 ml	25	58	DIN-18	192	
FRGB-030-110	30 ml	33	79	DIN-18	110	
FRGB-050-088	50 ml	37	92	DIN-18	88	
FRGB-100-070	100 ml	44	112	DIN-18	70	

LBG



LBC

GREEN GLASS BOTTLE WITH DIN-18 SCREW CAP

Made of Type III Soda-lime glass according to USP. Requires DIN-18 screw cap (not included)



reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRGG-010-192	10 ml	25	58	DIN-18	192	
FRGG-030-110	30 ml	33	79	DIN-18	110	
FRGG-050-088	50 ml	37	92	DIN-18	88	
FRGG-100-070	100 ml	44	112	DIN-18	70	

astik's

DIN-18 COUNTER DROP SCREW CAP

Polypropylene counter drop screw cap with seal, silicone teat and glass tube. For converting to counter-drops our glass bottles FRGA, FRGN, FRGB and FRGG



reference	screw	type	pcs/pack	price/pack
CG18-005-020	DIN-18	for 5 ml bottle, white	20	
CG18-010-020	DIN-18	for 10 ml bottle, white	20	
CG18-015-020	DIN-18	for 15 ml bottle, white	20	
CG18-020-020	DIN-18	for 20 ml bottle, white	20	
CG18-030-020	DIN-18	for 30 ml bottle, white	20	
CG18-050-020	DIN-18	for 50 ml bottle, white	20	
CG18-100-020	DIN-18	for 100 ml bottle, white	20	
CG18-B05-020	DIN-18	for 5 ml bottle, black	20	
CG18-B10-020	DIN-18	for 10 ml bottle, black	20	
CG18-B15-020	DIN-18	for 15 ml bottle, black	20	
CG18-B20-020	DIN-18	for 20 ml bottle, black	20	
CG18-B30-020	DIN-18	for 30 ml bottle, black	20	
CG18-B50-020	DIN-18	for 50 ml bottle, black	20	
CG18-10B-020	DIN-18	for 100 ml bottle, black	20	

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DIN-18 GRADUATED COUNTER DROP SCREW CAP

Polypropylene counter drop screw cap with seal, silicone teat and glass tube. With a graduation volume printing, resistant to acid and alkan solutions. For converting to counter-drops our glass bottles FRGA, FRGN, FRGB and FRGG



reference	screw	type	pcs/pack	price/pack
GC18-005-020	DIN-18	for 5 ml bottles, white	20	
GC18-010-020	DIN-18	for 10 ml bottles, white	20	
GC18-015-020	DIN-18	for 15 ml bottles, white	20	
GC18-020-020	DIN-18	for 20 ml bottles, white	20	
GC18-030-020	DIN-18	for 30 ml bottles, white	20	
GC18-050-020	DIN-18	for 50 ml bottles, white	20	
GC18-100-020	DIN-18	for 100 ml bottles, white	20	
GC18-B05-020	DIN-18	for 5 ml bottles, black	20	
GC18-B10-020	DIN-18	for 10 ml bottles, black	20	
GC18-B15-020	DIN-18	for 15 ml bottles, black	20	
GC18-B20-020	DIN-18	for 20 ml bottles, black	20	
GC18-B30-020	DIN-18	for 30 ml bottles, black	20	
GC18-B50-020	DIN-18	for 50 ml bottles, black	20	
GC18-10B-020	DIN-18	for 100 ml bottles, black	20	

DIN-18 SCREW CAP DROPPER

Polyethylene screw cap with dropper-lid. Lid orifice of 4 mm diameter. Converts our glass bottles FRGN, FRGA, FRGB and FRGG into counter-drop bottles

reference	screw	colour	pcs/pack	price/pack
TP18-001-020	DIN-18	white	20	
TP18-002-020	DIN-18	black	20	
"Saving package"				
TP18-001-1K0	DIN-18	white	1000	
TP18-002-1K0	DIN-18	black	1000	

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**DIN-18 SCREW CAP**

Polyethylene screw cap. For our glass bottles FRGN, FRGA, FRGB and FRGG

reference	screw	colour	pcs/pack	price/pack
TP18-201-020	DIN-18	black	20	
TP18-202-020	DIN-18	white	20	
"Saving package"				
TP18-201-1K0	DIN-18	black	1000	
TP18-202-1K0	DIN-18	white	1000	

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**WIDE MOUTH BOTTLE, HDPE**

Requires screw cap D34 (not included)

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FRAP-125-010	125 ml	48	113	34	10	
FRAP-250-010	250 ml	58	158	34	10	
FRAP-500-010	500 ml	74	166,5	34	10	
FRAP-1K0-005	1000 ml	90	210,5	34	5	
"Saving package"						
FRAP-125-350	125 ml	48	113	34	350	
FRAP-250-350	250 ml	58	158	34	350	
FRAP-500-180	500 ml	74	166,5	34	180	
FRAP-1K0-112	1000 ml	90	210,5	34	112	

astik's

**PE SCREW CAP WITH TAMPER-PROOF CLOSURE D34**

For our wide neck bottles FRAP and FRBP

reference	screw	colour	pcs/pack	price/pack
TP34-301-010	D34	white	10	
TP34-302-010	D34	black	10	
TP34-304-010	D34	blue	10	
TP34-305-010	D34	red	10	
TP34-306-010	D34	green	10	
"Saving package"				
TP34-301-900	D34	white	900	

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**WIDE MOUTH BOTTLE, HDPE, FOR PHOTSENSITIVE PRODUCTS**

Black colour. Requires D34 screw cap (not included)

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FRBP-125-010	125 ml	48	113	34	10	
FRBP-250-010	250 ml	58	158	34	10	
FRBP-500-010	500 ml	74	166,5	34	10	
FRBP-1K0-005	1000 ml	90	210,5	34	5	
"Saving package"						
FRBP-125-350	125 ml	48	113	34	350	
FRBP-250-350	250 ml	58	158	34	350	
FRBP-500-180	500 ml	74	166,5	34	180	
FRBP-1K0-112	1000 ml	90	210,5	34	112	



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**LDPE SPRAY BOTTLE WITH HDPE NOZZLE**

Body made of LDPE and HDPE nozzle. Head with ON-OFF lock

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FVAP-500-001	500 ml	72	215	22	1	
FVAP-900-001	900 ml	80	270	22	1	

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HDPE SPRAY BOTTLE AND NOZZLE

Body and nozzle made of HDPE

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FVAP-1K0-001	1000 ml	90	271	22,5	1	

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**NARROW MOUTH BOTTLE, LDPE**

For converting to counter-drops using dropper nozzle with CA24 screw cap

reference	capacity	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
NMBP-050-010	50 ml	36,3	80	24/410	10	
NMBP-125-010	125 ml	43	124,3	24/410	10	
NMBP-250-010	250 ml	47	187,5	24/410	10	
"Saving package"						
NMBP-050-800	50 ml	36,3	80	24/410	800	
NMBP-125-350	125 ml	43	124,3	24/410	350	
NMBP-250-350	250 ml	47	187,5	24/410	350	

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**PE DROPPER NOZZLE WITH 24/410 SCREW CAP**

To use our narrow mouth bottle NMBP as a counter drop

reference	screw	colour	pcs/pack	price/pack
CA24-001-010	24/410	white	10	
CA24-002-010	24/410	blue	10	
CA24-003-010	24/410	red	10	
"Saving package"				
CA24-001-1K8	24/410	white	1000	



LDPE DROPPER BOTTLE

Manufactured in translucent LDPE, with white PP screw cap and LDPE dosing tip. It allows a reliable and reproducible dosage of liquids. Leak-proof. Suitable for most applications of biotechnology, diagnostics and pharmacy

astilK's

reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
DROP-004-050	4 ml	13,70	48,70	50	
DROP-008-050	8 ml	17,20	54,60	50	
DROP-015-050	15 ml	25,00	56,40	50	
DROP-030-050	30 ml	25,10	80,50	50	



GRADUATED WIDE MOUTH BOTTLE, CYLINDRICAL, PP

Autoclavable at 121 °C. Standard thread according to DIN 13316 and 168

astilK's

reference	capacity	graduation	∅ (mm)	h (mm)	screw	pcs/pack	price/pack
FRKP-050-010	50 ml	10 ml	38	88	GL 32	10	
FRKP-100-010	100 ml	20 ml	48	105	GL 32	10	
FRKP-250-010	250 ml	25 ml	60	140	GL 45	10	
FRKP-500-005	500 ml	100 ml	75	170	GL 45	5	
FRKP-1K0-005	1000 ml	100 ml	95	206	GL 63	5	
FRKP-2K0-001	2000 ml	100 ml	120	252	GL 63	1	
"Saving package"							
FRKP-050-100	50 ml	10 ml	38	88	GL 32	100	
FRKP-100-100	100 ml	20 ml	48	105	GL 32	100	
FRKP-250-050	250 ml	25 ml	60	140	GL 45	50	
FRKP-500-025	500 ml	100 ml	75	170	GL 45	25	
FRKP-1K0-017	1000 ml	100 ml	95	206	GL 63	17	
FRKP-2K0-015	2000 ml	100 ml	120	252	GL 63	15	



NARROW MOUTH ROUND BOTTLE, HDPE

Rigid and translucent bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Ideal for storage and shipping of liquids. Suitable for freezer storage at -100 °C

astilK's

reference	capacity	∅ _{mouth} (mm)	∅ (mm)	h (mm)	pcs/pack	price/pack
BBNN-004-012	4 ml	13	16	41	12	
BBNN-008-012	8 ml	20	25	44	12	
BBNN-015-012	15 ml	20	25	58	12	
BBNN-030-012	30 ml	20	36	62	12	
BBNN-060-012	60 ml	20	40,5	85	12	
BBNN-125-012	125 ml	24	51	99	12	
BBNN-250-012	250 ml	24	61	133	12	
BBNN-500-012	500 ml	24	73	170	12	
BBNN-1K0-006	1000 ml	38	92	216	6	



astik's | **WIDE MOUTH ROUND BOTTLE, HDPE**

Rigid translucent bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Wide neck opening allows easy filling of dry matter and liquids. Suitable for freezer storage at -100 °C



reference	capacity	∅ _{mouth} (mm)	∅ (mm)	h (mm)	pcs/pack	price/pack
BBWN-030-012	30 ml	28	36,5	62,5	12	
BBWN-060-012	60 ml	28	38,5	85	12	
BBWN-125-012	125 ml	38	50,5	99	12	
BBWN-250-012	250 ml	43	61,5	133	12	
BBWN-500-012	500 ml	53	82,5	170	12	
BBWN-1K0-006	1000 ml	63	91,5	199	6	

astik's | **AMBER NARROW MOUTH ROUND BOTTLE, HDPE**


Rigid amber bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Ideal for storage and shipping of liquids. Suitable for freezer storage at -100 °C. Reduces UV light transmission to help protect light sensitive samples



reference	capacity	∅ _{mouth} (mm)	∅ (mm)	h (mm)	pcs/pack	price/pack
BBNA-004-012	4 ml	13	16	41	12	
BBNA-008-012	8 ml	20	25	44	12	
BBNA-015-012	15 ml	20	25	58	12	
BBNA-030-012	30 ml	20	36	62	12	
BBNA-060-012	60 ml	20	40,5	85	12	
BBNA-125-012	125 ml	24	51	99	12	
BBNA-250-012	250 ml	24	61	133	12	
BBNA-500-012	500 ml	24	73	170	12	
BBNA-1K0-006	1000 ml	38	92	216	6	

astik's | **AMBER WIDE MOUTH ROUND BOTTLE, HDPE**


Rigid amber bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Wide neck opening allows easy filling of dry matter and liquids. Suitable for freezer storage at -100 °C. Reduce UV light transmission to help protect light sensitive samples



reference	capacity	∅ _{inner mouth} (mm)	∅ (mm)	h (mm)	pcs/pack	price/pack
BBWA-030-012	30 ml	21	36,5	62,5	12	
BBWA-060-012	60 ml	21,1	38,5	85	12	
BBWA-125-012	125 ml	28,3	50,5	99	12	
BBWA-250-012	250 ml	32,8	61,5	133	12	
BBWA-500-012	500 ml	44	82,5	170	12	
BBWA-1K0-006	1000 ml	51,9	91,5	199	6	

ALUMINUM BOTTLE

Monobloc. Manufactured in pure aluminum (min. 99.5%) without external aesthetic treatment. Particularly suitable for packaging, storage and transport of substances such as: essential oils, aromatic chemicals, perfume bases, food aromas, pesticides or photosensitive products. Matte Finish. Includes HDPE interior drip shutter and white polypropylene safety cap. Available with or without epoxy resin inner lining (suitable for direct food contact)

clink



reference	normal capacity	overflow capacity	Ø x h (mm)	Ø _{mouth} (mm)	Inner lining	pcs/pack	price/pack
BALN-100-005	100 ml	160 ml	50 x 116	24	no	5	
BALN-250-005	250 ml	280 ml	50 x 154	24	no	5	
BALN-500-005	500 ml	600 ml	74 x 190	28	no	5	
BALN-1K0-005	1000 ml	1200 ml	89 x 247	28	no	5	
BALN-10R-005	100 ml	160 ml	50 x 116	24	yes	5	
BALN-25R-005	250 ml	280 ml	50 x 154	24	yes	5	
BALN-50R-005	500 ml	600 ml	74 x 190	28	yes	5	
BALN-1R0-005	1000 ml	1200 ml	89 x 247	28	yes	5	



RECTANGULAR BOTTLE, HDPE

Rigid and translucent bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Space-efficient, designed for transporting or storing dry matter and liquids. Suitable for freezer storage at -100 °C

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reference	capacity	l (mm)	w (mm)	h (mm)	Ø _{inner mouth} (mm)	pcs/pack	price/pack
BBRN-125-012	125 ml	60	39,4	97,3	21,1	12	
BBRN-250-012	250 ml	75,5	54	112	28,8	12	
BBRN-500-012	500 ml	100	64,7	140,6	38	12	
BBRN-1K0-006	1000 ml	125,2	70,2	175	43,7	6	
BBRN-2K0-004	2000 ml	150	97	240	52,3	4	



RECTANGULAR AMBER BOTTLE, HDPE

Rigid amber bottle made of high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Space-efficient, designed for transporting or storing dry matter and liquids. Suitable for freezer storage at -100 °C. Reduce UV light transmission to help protect light sensitive samples

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reference	capacity	l (mm)	w (mm)	h (mm)	Ø _{inner mouth} (mm)	pcs/pack	price/pack
BBRA-125-012	125 ml	60	39,4	97,3	21,1	12	
BBRA-250-012	250 ml	75,5	54	112	28,8	12	
BBRA-500-012	500 ml	100	64,7	140,6	38	12	
BBRA-1K0-006	1000 ml	125,2	70,2	175	43,7	6	
BBRA-2K0-004	2000 ml	150	97	240	52,3	4	





astik's DROP DISPENSING BOTTLE

Made of LDPE with PP dropping tethered cap. Drop by drop liquid release. Graduated and leak proof

reference	capacity	∅ (mm)	h (mm)	∅ _{inner mouth} (mm)	pcs/pack	price/pack
DDBP-030-012	30 ml	36,4	40	14,02	12	
DDBP-060-012	60 ml	40,11	61,52	14,29	12	
DDBP-125-012	125 ml	51,24	76,79	17,21	12	
DDBP-250-012	250 ml	59,38	108,79	17,45	12	

astik's WIDE MOUTH BOTTLE GRADUATED, CYLINDRICAL, LDPE, WITH STAR CAP

With PP screw cap and LDPE insert plug. With rings in bottle body and cap for security sealing



reference	capacity	graduation	∅ (mm)	h (mm)	pcs/pack	price/pack
FRRP-050-010	50 ml	10 ml	40	78	10	
FRRP-100-010	100 ml	20 ml	48	90	10	
FRRP-250-010	250 ml	25 ml	61	125	10	
FRRP-500-010	500 ml	50 ml	75	161	10	
FRRP-1K0-005	1000 ml	100 ml	93	201	5	
FRRP-2K0-001	2000 ml	100 ml	115	250	1	
"Saving package"						
FRRP-050-600	50 ml	10 ml	40	78	600	
FRRP-100-400	100 ml	20 ml	48	90	400	
FRRP-250-350	250 ml	25 ml	61	125	350	
FRRP-500-120	500 ml	50 ml	75	161	120	
FRRP-1K0-115	1000 ml	100 ml	93	201	115	
FRRP-2K0-060	2000 ml	100 ml	115	250	60	



astik's WIDE MOUTH BOTTLE GRADUATED, RECTANGULAR, HDPE, WITH STAR CAP

With PP screw cap and LDPE insert plug. With rings in bottle body and cap for security sealing



reference	capacity	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack
FRSP-050-010	50 ml	37	37	72	10	
FRSP-100-010	100 ml	44	46	90	10	
FRSP-250-010	250 ml	55	60	115	10	
FRSP-500-010	500 ml	66	80	136	10	
FRSP-1K0-005	1000 ml	82	102	177	5	
FRSP-2K0-001	2000 ml	101	134	215	1	
"Saving package"						
FRSP-050-600	50 ml	37	37	72	600	
FRSP-100-300	100 ml	44	46	90	300	
FRSP-250-350	250 ml	55	60	115	350	
FRSP-500-100	500 ml	66	80	136	100	
FRSP-1K0-115	1000 ml	82	102	177	115	
FRSP-2K0-070	2000 ml	101	134	215	70	



SECURITY SEAL FOR BOTTLES

Allows to seal bottles that have security rings in the body and in the cap (for example labbox references FRRP, FRGP and FRSP). Each seal has a single serial number printed

reference	type	pcs/pack	price/pack
SSEP-001-020	red plastic	20	
SSEP-002-010	stainless steel wire	10	

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NARROW NECK GRADUATED BOTTLE, CYLINDRICAL, LDPE

With PP screw cap and LDPE insert plug. With rings in bottle body and cap for security sealing

reference	capacity	∅ (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
FRGP-050-010	50 ml	39	76	18,5	10	
FRGP-125-010	125 ml	46	115	18,5	10	
FRGP-250-010	250 ml	60	138	23	10	
FRGP-500-010	500 ml	74	165	23	10	
FRGP-1K0-005	1000 ml	93	201	34,5	5	
FRGP-2K0-001	2000 ml	116	275	34,5	1	
"Saving package"						
FRGP-050-100	50 ml	39	76	18,5	100	
FRGP-125-100	125 ml	46	115	18,5	100	
FRGP-250-050	250 ml	60	138	23	50	
FRGP-500-115	500 ml	74	165	23	115	
FRGP-1K0-100	1000 ml	93	201	34,5	100	
FRGP-2K0-055	2000 ml	116	275	34,5	55	

astik's



GRADUATED BOTTLE WITH RECTANGULAR BASE

Made of HDPE. Ergonomic design. 75 mm screw cap (included)

reference	capacity	dimensions (mm)	colour	pcs/pack	price/pack
SUBP-2K0-001	2000 ml	95 x 115 x 245	white	1	
SUBP-2K1-001	2000 ml	95 x 115 x 245	amber	1	
"Saving package"					
SUBP-2K0-052	2000 ml	95 x 115 x 245	white	52	
SUBP-2K1-052	2000 ml	95 x 115 x 245	amber	52	

astik's



CLEAR CRIMP CAP VIAL

Made of Type III Soda-lime glass according to US Pharmacopeia. Requires caps and closures of 20 mm diameter (not included)

reference	capacity	∅ _{base} (mm)	h (mm)	pcs/pack	price/pack
IVMN-010-192	10 ml	25,4	53,5	192	
IVMN-020-120	20 ml	32	58	120	
IVMN-030-092	30 ml	36	62,8	92	
IVMN-050-084	50 ml	42,5	73	84	
IVMN-100-063	100 ml	51,6	94,5	63	

LBC



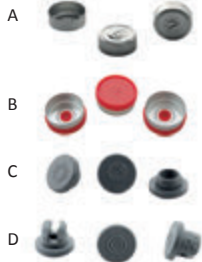


LBC

AMBER CRIMP CAP VIAL

Made of Type III Soda-lime glass according to US Pharmacopeia. Requires caps and closures of 20 mm diameter (not included)

reference	capacity	∅ _{base} (mm)	h (mm)	pcs/pack	price/pack
IVMA-010-192	10 ml	25,4	53,5	192	
IVMA-020-120	20 ml	32	58	120	



bb

CAP AND CLOSURES FOR 20 mm CRIMP CAP VIALS

Aluminum caps and chlorobutyle closures for sample vials Ref. IVMN, IVMA



reference	type	pcs/pack	price/pack
CIVM-001-100	aluminum cap closure, crimp seal, removable center (A)	100	
CIVF-001-100	aluminum cap closure, crimp seal, flip-off top (B)	100	
CIVR-001-100	rubber closure, snap-on (C)	100	
DIVR-001-100	rubber closure for lyophilization (D)	100	

clink

TEAR-OFF SEAL REMOVER

Tool designed to completely remove the aluminum capsule or lift the tear-off tab of our reference CIVM-001-100

reference	type	pcs/pack	price/pack
TOSR-001-001	for ∅ 20 mm capsules	1	



LBC

MCCARTNEY GLASS BOTTLE WITH ALUMINUM SCREW CAP

Made of borosilicate glass. Aluminum screw cap and silicon liner included. Particularly used in microbiology. Autoclavable

reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
MCBN-025-125	25 ml	28	85	125	



astik's

PP CYLINDRICAL CONTAINER WITH HANDLE

White colour. Pressure lid, seal system by a border (P system) and "Easy-opening" design



reference	capacity	∅ _{base} (mm)	h (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
CBIP-2K0-001	2,5 L	170	138	184	1	
CBIP-3K0-001	3,8 L	166	176	184	1	
CBIP-5K0-001	5,6 L	191	194	210	1	
CBIP-8K0-001	8,0 L	226	221	253	1	



SAFETY WASH BOTTLE, LABELLED, WIDE MOUTH

Made of LDPE (low density polyethylene) and PP closure (polypropylene). English print, highly visible and solvent resistant. Includes a Chemical Abstract Service (CAS) n°, National Fire Protection Association (NFPA) codes and symbols, Protective Equipment Symbol, Target Organ Information and Hazard codes. Screw cap colour-coded

reference	capacity	Ø _{mouth} (mm)	type	pcs/pack	price/pack
WBSP-501-001	500 ml	53	distilled water - neutral cap	1	
WBSP-502-001	500 ml	53	ethanol - white cap	1	
WBSP-503-001	500 ml	53	acetone - red cap	1	
WBSP-504-001	500 ml	53	methanol - green cap	1	
WBSP-505-001	500 ml	53	isopropanol - yellow cap	1	
WBSP-1K1-001	1000 ml	53	distilled water - neutral cap	1	
WBSP-1K2-001	1000 ml	53	ethanol - white cap	1	
WBSP-1K3-001	1000 ml	53	acetone - red cap	1	
WBSP-1K4-001	1000 ml	53	methanol - green cap	1	
WBSP-1K5-001	1000 ml	53	isopropanol - yellow cap	1	

astik's



SAFETY WASH BOTTLE, LABELLED WITH ANTI-DRIP SYSTEM

Made of LDPE (low density polyethylene) and PP closure (polypropylene). With a non-metallic valve for easy vapour venting to prevent pressure buildup and splashing. English print, highly visible and solvent resistant. Includes a Chemical Abstract Service (CAS) n°, National Fire Protection Association (NFPA) codes and symbols, Protective Equipment Symbol, Target Organ Information and Hazard codes. Screw cap colour-coded

reference	capacity	Ø _{mouth} (mm)	type	pcs/pack	price/pack
WBSP-5S1-001	500 ml	53	distilled water - neutral cap	1	
WBSP-5S2-001	500 ml	53	ethanol - white cap	1	
WBSP-5S3-001	500 ml	53	acetone - red cap	1	
WBSP-5S4-001	500 ml	53	methanol - green cap	1	
WBSP-5S5-001	500 ml	53	isopropanol - yellow cap	1	
WBSP-1S1-001	1000 ml	53	distilled water - neutral cap	1	
WBSP-1S2-001	1000 ml	53	ethanol - white cap	1	
WBSP-1S3-001	1000 ml	53	acetone - red cap	1	
WBSP-1S4-001	1000 ml	53	methanol - green cap	1	
WBSP-1S5-001	1000 ml	53	isopropanol - yellow cap	1	

astik's



NARROW NECK WASH BOTTLE

Made of LDPE (low density polyethylene)

reference	capacity	Ø (mm)	h (mm)	pcs/pack	price/pack
WBTP-100-001	100 ml	45	100	1	
WBTP-250-001	250 ml	60,2	140	1	
WBTP-500-001	500 ml	73,5	170	1	
WBTP-750-001	750 ml	83	195	1	
WBTP-1K0-001	1000 ml	91,5	210	1	

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**WIDE NECK WASH BOTTLE**

Made of LDPE (low density polyethylene). Screw cap available in different colours to identify the content

reference	capacity	∅ (mm)	∅ _{mouth} (mm)	screw	type	pcs/pack	price/pack
WBGp-250-001	250 ml	60	38	GL 45	neutral cap	1	
WBGp-253-001	250 ml	60	38	GL 45	yellow cap	1	
WBGp-254-001	250 ml	60	38	GL 45	blue cap	1	
WBGp-255-001	250 ml	60	38	GL 45	red cap	1	
WBGp-500-001	500 ml	75	38	GL 45	neutral cap	1	
WBGp-503-001	500 ml	75	38	GL 45	yellow cap	1	
WBGp-504-001	500 ml	75	38	GL 45	blue cap	1	
WBGp-505-001	500 ml	75	38	GL 45	red cap	1	



astik's

**DRUM WITH FAUCET**

Made of HDPE (high density polyethylene). Screw cap and faucet included. BIGP-21K-001 is delivered with the hole for the key open

reference	capacity	h (mm)	l (mm)	w (mm)	∅ _{mouth} (mm)	pcs/pack	price/pack
BIGP-10K-001	10 L	380	300	150	46	1	
BIGP-21K-001	20 L	460	330	175	46	1	



astik's

**CARBOY VENTING CAP**

In PP, with TPE gasket and port caps. For silicone tubing with 13 mm of internal diameter and 6 mm inner diameter silicone tubing

reference	screw	type	pcs/pack	price/pack
CAVC-013-001	83B	for 13 mm ∅int tubing	1	
CAVC-006-001	83B	for 6 mm ∅int tubing	1	



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CARBOY WITH HANDLES

Made of LDPE (low density polyethylene) with high-quality laboratory-grade resin materials USP Class VI. Includes: Polypropylene (PP) screw cap. Leak-proof. Graduation in litres and gallons

reference	capacity	∅ (mm)	∅ _{mouth} (mm)	screw	h (mm)	pcs/pack	price/pack
BCAS-010-001	10 L	249	65	83B	376	1	
BCAS-020-001	20 L	285	65	83B	518	1	



astik's

**AUTOCLAVABLE CARBOY WITH HANDLES**

Made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap. Leak-proof. Graduation in litres and gallons

reference	capacity	∅ (mm)	∅ _{mouth} (mm)	screw	h (mm)	pcs/pack	price/pack
BCAP-010-001	10 L	249	65	83B	376	1	
BCAP-020-001	20 L	285	65	83B	518	1	



CARBOY WITH HANDLES, AMBER

Made of amber high density polyethylene (HDPE), manufactured from virgin medical grade resins. Includes: Polypropylene (PP) screw cap. Leak-proof. Ideal for storage and shipping of liquids. Suitable for freezer storage at -100 °C. Reduce UV light transmission to help protect light sensitive samples. Graduation in litres and gallons

reference	capacity	∅ (mm)	∅ _{mouth} (mm)	screw	h (mm)	pcs/pack	price/pack
BCAH-010-001	10 L	249	65	83B	376	1	
BCAH-020-001	20 L	285	65	83B	518	1	

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HEAVY DUTY CARBOY WITH HANDLES

Robust and resistant built with thick walls, made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap. Autoclavable and Leak-proof. Can be used as a vacuum trap. Graduation in litres and gallons

reference	capacity	∅ (mm)	∅ _{mouth} (mm)	screw	h (mm)	pcs/pack	price/pack
BCHD-010-001	10 L	249	65	83B	376	1	
BCHD-020-001	20 L	285	65	83B	518	1	

astik's



RECTANGULAR CARBOY WITH FAUCET

Made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap and faucet. Autoclavable and leak-proof. With a stainless steel handle and wide mouth for easy filling. Graduation in litres and gallons

reference	capacity	l (mm)	w (mm)	h (mm)	pcs/pack	price/pack
BCGA-005-001	5 L	229	144	330	1	
BCGA-010-001	10 L	284	176	389	1	
BCGA-020-001	20 L	340	209	486	1	

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WIDE MOUTH CARBOY WITH HANDLES

Made of PP (polypropylene), with medical grade resins USP Class VI. Includes: Polypropylene (PP) screw cap. Autoclavable and leak-proof. Graduation in litres and gallons

reference	capacity	∅ (mm)	∅ _{mouth} (mm)	h (mm)	pcs/pack	price/pack
BCWM-010-001	10 L	249	85,6	331	1	
BCWM-020-001	20 L	285	85,6	472	1	

astik's



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**CYLINDRICAL DRUM WITH FAUCET**

Made of HDPE (high density polyethylene). Screw cap and faucet included. Available in two models: with the key housing open or close



reference	capacity	∅ (mm)	∅ _{mouth} (mm)	h (mm)	pcs/pack	price/pack
With the key hole open						
BCGP-H5K-001	5 L	167	51	355	1	
BCGP-H10-001	10 L	212	51	430	1	
BCGP-H25-001	25 L	275	80	580	1	
With the key hole closed						
BCGP-05K-001	5 L	167	51	355	1	
BCGP-10K-001	10 L	212	51	430	1	
BCGP-25K-001	25 L	275	80	580	1	
BCGP-50K-001	50 L	350	80	715	1	
Accessories and spare parts						
BCGP-A01-001			faucet		1	

astik's

**STORAGE BOX**

In transparent PP for easy recognition of contents. With lid. Fasteners at both sides that act as handles for easy handling and transport. Stackable and ideal for storage and tidiness



reference	capacity	dimensions (length x width x height)	pcs/pack	price/pack
STBO-294-001	5 L	294 x 200 x 145 mm	1	
STBO-396-001	16 L	396 x 296 x 215 mm	1	
STBO-422-001	25 L	422 x 256 x 350 mm	1	

astik's

CASE WITH COMPARTMENTS

Transparent box with seven compartments, for the storage of small objects



reference	dimensions (length x width x height)	pcs/pack	price/pack
VBOX-001-001	160 x 122 x 30 mm	1	

NEW ISO REAGENT BOTTLES

We are expanding our family of LBG ISO bottles for reagents with the most commonly used capacities: 100 ml, 250 ml, 500 ml, and 1000 ml.

- Robust and durable
- Excellent chemical resistance
- Low thermal expansion
- GL 45 thread
- Compliant with ISO 4796

Complementing our large-format LBG ISO reagent bottles of 5000 ml, 10000 ml, and 20000 ml.



see p. 183

DISPOSABLE SAMPLING SCOOP

In HIPS (High Impact Polystyrene), manufactured in a class 100000 cleanroom. Individually packed. Ideal for sampling and dispensing. With a sturdy, ergonomic handle to prevent hand contact with the sample. Conforms to FDA CFR 177.1640, EU Regulation 10/2011, EC Regulation 1935/2004 and BSE/TSE free

reference	capacity	type	pcs/pack	price/pack
DPSS-060-010	60 ml	non sterile	10	
DPSS-E60-010	60 ml	sterile	10	
"Saving package"				
DPSS-060-100	60 ml	non sterile	100	
DPSS-E60-100	60 ml	sterile	100	

astik's



SCOOP FOR SOLIDS

Made of HDPE

reference	capacity	l _{total} (mm)	l _{useable} (mm)	pcs/pack	price/pack
SCOP-090-001	90 ml	180	125	1	
SCOP-250-001	250 ml	240	155	1	
SCOP-600-001	600 ml	300	195	1	
SCOP-1K1-001	1100 ml	360	240	1	

astik's



FLAT BOTTOM MEASURING SCOOP FOR SOLIDS

Made of polypropylene (PP)

reference	capacity	length (mm)	pcs/pack	price/pack
SCPP-010-012	10 ml	100	12	
SCPP-025-012	25 ml	135	12	
SCPP-050-012	50 ml	160	12	
SCPP-100-012	100 ml	200	12	
SCPP-250-001	250 ml	260	1	
SCPP-500-001	500 ml	315	1	
SCPP-1K0-001	1000 ml	385	1	

astik's



STAINLESS STEEL SCOOP FOR SOLIDS

Made in SS 18/10. Hygienic, crevice free construction and fully welded to the handle. Excellent resistance to corrosion and rounded corners for easy cleaning

reference	capacity	pcs/pack	price/pack
SCOS-060-001	60 ml	1	
SCOS-110-001	110 ml	1	
SCOS-260-001	260 ml	1	
SCOS-470-001	470 ml	1	
SCOS-860-001	860 ml	1	

clink



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**DISPOSABLE SAMPLING FUNNEL**

In virgin HDPE (High Density Polyethylene), manufactured in Class 100000 cleanroom. Individually packed. Ideal for use in laboratories or manufacturing areas. With small lugs on the rim to hold them while in use. Conforms to FDA CFR 177.1520, EU Regulations 10/2011, EC 1935/2004 and BSE/TSE free



reference	capacity	type	pcs/pack	price/pack
DSHF-050-100	50 ml	non sterile	100	
DSHF-S50-100	50 ml	sterile	100	
DSHF-100-050	100 ml	non sterile	50	
DSHF-10S-050	100 ml	sterile	50	
DSHF-200-010	200 ml	non sterile	10	
DSHF-20S-010	200 ml	sterile	10	

astik's

DOUBLE BAG FOR SAMPLE TRANSPORT

Made of polyethylene with biohazard logo and 2 pouches (one for sample with ziplock and one for documents)



reference	dimensions (sample pouch)	dimensions (documents pouch)	pcs/pack	price/pack
BZBP-160-100	160 x 200 mm	160 x 230 mm	100	

astik's

**ZIP LOCK BAG WITH WRITE ON PANELS**

Made of low density polyethylene (LDPE), 50 µm thick



reference	w (mm)	l (mm)	pcs/pack	price/pack
BZWP-060-100	60	80	100	
BZWP-070-100	70	110	100	
BZWP-100-100	100	150	100	
BZWP-120-100	120	180	100	
BZWP-150-100	150	220	100	
BZWP-180-100	180	250	100	
BZWP-200-100	200	300	100	
1000 units "Saving package"				
BZWP-060-1K0	60	80	10 x 100	
BZWP-070-1K0	70	110	10 x 100	
BZWP-100-1K0	100	150	10 x 100	
BZWP-120-1K0	120	180	10 x 100	
BZWP-150-1K0	150	220	10 x 100	
BZWP-180-1K0	180	250	10 x 100	
BZWP-200-1K0	200	300	10 x 100	

ZIP LOCK PLAIN BAG

Made of low density polyethylene (LDPE), 50 µm thick

astik's



reference	w (mm)	l (mm)	pcs/pack	price/pack
BZIP-055-100	55	55	100	
BZIP-060-100	60	80	100	
BZIP-070-100	70	100	100	
BZIP-080-100	80	120	100	
BZIP-100-100	100	150	100	
BZIP-120-100	120	180	100	
BZIP-150-100	150	200	100	
BZIP-180-100	180	250	100	
BZIP-200-100	200	300	100	
BZIP-250-100	250	330	100	
BZIP-300-100	300	400	100	

1000 units "Saving package"



BZIP-055-1K0	55	55	10 x 100	
BZIP-060-1K0	60	80	10 x 100	
BZIP-070-1K0	70	100	10 x 100	
BZIP-080-1K0	80	120	10 x 100	
BZIP-100-1K0	100	150	10 x 100	
BZIP-120-1K0	120	180	10 x 100	
BZIP-150-1K0	150	200	10 x 100	
BZIP-180-1K0	180	250	10 x 100	
BZIP-200-1K0	200	300	10 x 100	
BZIP-250-1K0	250	330	10 x 100	
BZIP-300-1K0	300	400	10 x 100	

STERILE SAMPLING BAGS

Easy-to-close bags with puncture-proof tabs for protection from possible damage due to wire-end punctures. Ideal for all types of both liquid and solid samples. DNase, RNase and pyrogen free. Type A: printed, 2 round wires. Type B: printed, 1 round 1 flat wires. Free sterilization certificate available on the website

astik's



reference	capacity	w (mm)	l (mm)	thickness (mm)	type	pcs/pack	price/pack
SFTB-P45-500	450 ml	114	229	0,063	A	500	
SFTB-P65-500	650 ml	140	229	0,076	A	500	
SFTB-P1K-250	1650 ml	178	305	0,076	A	250	
SFTB-F2K-250	2250 ml	254	305	0,101	B	250	
SFTB-F4K-250	4000 ml	254	382	0,101	B	250	
"Saving package"							
SFTB-P45-1K0	450 ml	114	229	0,063	A	2 x 500	
SFTB-P65-1K0	650 ml	140	229	0,076	A	2 x 500	
SFTB-P1K-1K0	1650 ml	178	305	0,076	A	4 x 250	
SFTB-F2K-1K0	2250 ml	254	305	0,101	B	4 x 250	
SFTB-F4K-1K0	4000 ml	254	382	0,101	B	4 x 250	



astik's

**STERILE SAMPLING BAGS LARGE FORMAT**

Easy-to-close bags with puncture-proof tabs for protection from possible damage due to wire-end punctures. Ideal for all types of both liquid and solid samples over 1 kg. DNase, RNase and pyrogen free. Printed and closure with 2 flat wires. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
STLB-P5K-250	5500 ml	305	406	0,101	250	
STLB-P6K-250	6750 ml	305	457	0,101	250	
STLB-P8K-250	8000 ml	305	508	0,101	250	



astik's

**BLUE STERILE BAGS**

Made with virgin polyethylene. Specific for the food industry. Blue colour makes them highly visible for recognition, but also used to segregate within the factory environment. Ideal for both liquid and solid samples. DNase, RNase and pyrogen free. Printed and closure with 2 round wires. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
STBB-450-500	450 ml	114	229	0,063	500	



astik's

**BLENDER BAGS WITH FILTER**

Made of virgin and reinforced polyethylene. For microbiological and chemical analysis. Compatible with all lab blender homogenizers, withstands extensive blending without tears or perforations. DNase, RNase and pyrogen free.

Type A: with lateral filter, non-woven, pore < 250 µm. For fibrous samples such as meat, fish, fruit and vegetables.

Type B: with full-surface filter, non-woven, pore < 280 µm. For pasty samples, such as cheese, milk and flour. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	type	pcs/pack	price/pack
STBL-L40-050	400 ml	190	300	0,07	A	50	
STBL-F40-050	400 ml	190	300	0,07	B	50	
"Saving package"							
STBL-L40-500	400 ml	190	300	0,07	A	10 x 50	
STBL-F40-500	400 ml	190	300	0,07	B	10 x 50	



clink

**SAMPLING SPOON-SPATULA PREMIUM LINE**

In 304 stainless steel, autoclavable. Specially shaped to facilitate the reaching of samples on difficult corners

reference	l (mm)	w _{spatula} (mm)	pcs/pack	price/pack
SSSP-150-001	150	12	1	
SSSP-210-001	210	12,8	1	
SSSP-300-001	300	24,1	1	



SAMPLING PHARMA SCOOP PREMIUM LINE

In 316L stainless steel with an excellent corrosion resistance and autoclavable. Ideal for sampling and dispensing granules and powder. With a polished mirror finish and crevice free, easy to clean

reference	capacity	long	∅	pcs/pack	price/pack
SCPH-100-001	100 ml	100 mm	50 mm	1	
SCPH-500-001	500 ml	140 mm	95 mm	1	
SCPH-1K0-001	1000 ml	235 mm	110 mm	1	

clink

**LONG HANDLE PHARMASCOOP PREMIUM LINE**

In 316L stainless steel with an excellent corrosion resistance and autoclavable. Ideal for sampling and dispensing granules and powder. With a polished mirror finish and crevice free, easy to clean. With a long handle of 600 mm to reach deep or far samples

reference	capacity	long	∅	pcs/pack	price/pack
SCPL-1K0-001	1000 ml	835 mm	110 mm	1	

clink

**PTFE BEAKER DIPPER**

Extendible screw-in shafts with a steel core for rigidity. Fully encapsulated in PTFE. Screw-in shaft lengths are available separately to extend the original one. The basic unit consists of a beaker-like container with a single stem. All shafts are 600 mm long

reference	∅ (mm)	capacity	pcs/pack	price/pack
DIPB-100-001	54	100 ml	1	
DIPB-250-001	66	250 ml	1	
DIPB-500-001	80	500 ml	1	
DIPB-1K0-001	100	1000 ml	1	
Accessories				
DIPB-S01-001	stem only, 600 mm		1	

astik's

**PTFE LADLE**

For sampling, with fixed handle and pouring spouts on both sides

reference	capacity	long	pcs/pack	price/pack
LADL-010-001	10 ml	150 mm	1	

astik's

**SAMPLE TRANSPORT TUBE WITH SKIRT**

Made of PP with white HDPE screw cap (included). With conical bottom and skirt, moulded graduations each 0,5 ml and frosted writing surface

reference	capacity	∅ _{tube} (mm)	∅ _{cap} (mm)	h (mm)	pcs/pack	price/pack
SVSP-005-100	5 ml	16	20	60	100	
SVSP-010-100	10 ml	16	20	96	100	

astik's



astik's



SAMPLE TRANSPORT TUBE WITH SKIRT PREMIUM LINE

Made of PP with white HDPE screw cap (included), suitable to use with swabs. With conical bottom and skirt, moulded graduations each 0,5 ml and frosted writing surface. Designed for preparing, transporting and storing biological material such as blood, urine and faecal matter. Leak-proof tested to comply with BS EN14254 and BS5213. Shatter-proof and resistant to freezing temperatures down to -20 °C. Withstands centrifugation up to 6000 xg



reference	nominal capacity	∅ _{tube} (mm)	∅ _{cap} (mm)	h (mm)	pcs/pack	price/pack
SVSP-P05-100	5 ml	16	20	56,5	100	
SVSP-P10-100	10 ml	16	20	85	100	

LBC



CLEAR GLASS SAMPLE VIAL

With white screw cap and EPE joint (included)



reference	nominal capacity	overflow capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
SVSN-C04-306	3,5 ± 0,5 ml	3,85 ± 0,5 ml	16	35	306	
SVSN-C06-306	5 ± 0,5 ml	5,5 ± 0,5 ml	16	45	306	
SVSN-C10-195	8 ± 0,5 ml	9,5 ± 0,5 ml	22	45	195	
SVSN-C13-195	11 ± 1,0 ml	12,5 ± 1,0 ml	24	45	195	
SVSN-C19-195	16 ± 1,0 ml	17,5 ± 1,0 ml	24	60	195	
SVSN-C26-121	22 ± 0,5 ml	24,5 ± 0,5 ml	30	55	121	
"Saving package"						
SVSN-C04-1K2	3,5 ± 0,5 ml	3,85 ± 0,5 ml	16	35	4 x 306	
SVSN-C06-1K2	5 ± 0,5 ml	5,5 ± 0,5 ml	16	45	4 x 306	
SVSN-C10-780	8 ± 0,5 ml	9,5 ± 0,5 ml	22	45	4 x 195	
SVSN-C13-780	11 ± 1,0 ml	12,5 ± 1,0 ml	24	45	4 x 195	
SVSN-C19-780	16 ± 1,0 ml	17,5 ± 1,0 ml	24	60	4 x 195	
SVSN-C26-484	22 ± 0,5 ml	24,5 ± 0,5 ml	30	55	4 x 121	

bb

SCREW CAP FOR SAMPLE VIALS

Replacement screw cap and EPE joint for Labbox vials SVSN



reference	type	pcs/pack	price/pack
SC04-W13-025	white screw cap ∅13 mm for SVSN-C04 and -C06	25	
SC04-W20-025	white screw cap ∅20 mm for SVSN-C10, -C13 and -C19	25	
SC04-W22-025	white screw cap ∅22 mm for SVSN-C26	25	

clink

STAINLESS STEEL VIAL RACK

For sample vials SVSN



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
TTSS-S48-001	30	160	122	for 8 x 6 vials (< ∅16 mm)	1	
TTSS-T48-001	30	209	160	for 8 x 6 vials (< ∅22 mm)	1	
TTSS-U48-001	35	232	176	for 8 x 6 vials (< ∅25 mm)	1	
TTSS-V48-001	40	272	205	for 8 x 6 vials (< ∅30 mm)	1	

SPECIMEN CONTAINER, SCREW CAP, POLYPROPYLENE

Autoclavable, with raised graduations and leak-proof closure. 25 ml container graduation: each 5 ml up to 20 ml, 50 ml container graduation: each 10 ml up to 40 ml, 80 ml container graduation: each 10 ml up to 60 ml, 150 ml container graduation: each 10 ml up to 120 ml. Lid available in three colours

reference	overflow capacity	$\varnothing_{\text{base}}$ (mm)	\varnothing_{lid} (mm)	h_{total} (mm)	lid colour	pcs/pack	price/pack
SCNP-030-1K0	25 ml	31	37	44	orange	1000	
SCNP-W30-1K0	25 ml	31	37	44	white	1000	
SCNP-G30-1K0	25 ml	31	37	44	green	1000	
SCNP-050-600	50 ml	34	40	70	orange	600	
SCNP-W50-600	50 ml	34	40	70	white	600	
SCNP-G50-600	50 ml	34	40	70	green	600	
SCNP-080-500	80 ml	40	48	64	orange	500	
SCNP-W80-500	80 ml	40	48	64	white	500	
SCNP-G80-500	80 ml	40	48	64	green	500	
SCNP-150-300	150 ml	52	58	80	white	300	

astik's



SPECIMEN CONTAINER RACK

Made of stainless steel

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
SRSS-A12-001	45	276	97	for 2 x 6 vials (< \varnothing 40 mm)	1	
SRSS-A32-001	45	368	187	for 4 x 8 vials (< \varnothing 40 mm)	1	
SRSS-B12-001	45	224	171	for 3 x 4 vials (< \varnothing 50 mm)	1	
SRSS-B24-001	45	335	228	for 4 x 6 vials (< \varnothing 50 mm)	1	

clink



STERILE SPECIMEN CONTAINER, POLYPROPYLENE

Autoclavable with raised graduation and leak-proof snap closure. Sterilized by ethylene oxide (ETO). Free sterilization certificate available on the website

reference	capacity	h_{total} (mm)	$\varnothing_{\text{base}}$ (mm)	graduation (ml)	pcs/pack	price/pack
SCSP-025-200	25 ml	32,25	38	5	200	
SCSP-050-100	50 ml	66,70	37	25	100	

astik's



SAMPLE TRANSPORT TUBE WITH FALSE BOTTOM

Made of PP. Optimized for most of high volume analyzers, with a false bottom that allows encoding. Ideal for transporting and collecting samples, for primary and secondary sampling

reference	normal capacity	$\varnothing_{\text{tube}}$ (mm)	h (mm)	pcs/pack	price/pack
SVFB-005-500	5 ml	16	97	500	

astik's




astik's | **FALSE BOTTOM VIAL CAP**

Plug cap in PE. For sample vials with false bottom with reference SVFB

reference	type	pcs/pack	price/pack
SVCP-00B-1K0	for Ø 16 mm vial, blue	1000	


astik's | **SCREW FALSE BOTTOM VIAL CAP**

Screw cap in PE. For sample vials with false bottom with reference SVFB

reference	type	pcs/pack	price/pack
SVCS-00W-1K0	sfor Ø 16 mm vial, white	1000	


astik's | **POLYPROPYLENE SAMPLING VIAL**

Made of transparent PP. Hinged lid for easy one-handed operation. Graduated and ideal for milk and food sampling. Available in two versions: with and without seal



reference	capacity	Ø (mm)	h _{total} (mm)	pcs/pack	price/pack
SVPP-030-200	30 ml	28,5	76,5	200	
SVPP-045-200	45 ml	23	84	200	
"Saving package"					
SVPP-030-600	30 ml	28,5	76,5	600	
SVPP-045-600	45 ml	23	84	600	

clink | **SACK SAMPLER**

Manufactured in 316L, high corrosion resistance. Crack-free for easy cleaning and to prevent cross-contamination. Sharp lance for easy puncturing of the bag. It is recommended to combine with sampling bags for the collection and transport of samples



reference	l (mm)	Ø _{inside} (mm)	Ø _{outer} (mm)	pcs/pack	price/pack
SASS-400-001	400	22,3	25,4	1	


AUTOCLAVABLE METALS

Our range of Clink metalware features different manufacturing materials that impart various qualities to our products. The different alloys allow the products to exhibit varying degrees of corrosion resistance, depending on the intended function.

410 - Mostly composed of chromium (Cr) and carbon (C). Medium corrosion resistance. May experience surface corrosion in aggressive environments.

304 - Primarily composed of chromium (Cr), nickel (Ni), and carbon (C). Medium to high corrosion resistance. Not suitable for highly corrosive environments or exposure to strong acids or aggressive chemical cleaners.

316 - Mainly composed of chromium (Cr), nickel (Ni), and molybdenum (Mo). High corrosion resistance. Suitable for corrosive environments with the presence of chlorides, offering better resistance than 304 in such environments and against certain cleaning agents.

316L - Has the same composition as 316. Excellent corrosion resistance due to molybdenum in its composition and its low carbon content, which reduces metal contamination and the likelihood of cracking.

EXTRACTION AND DISPERSIVE KITS FOR QuEChERS METHOD ACCORDING TO EN 15662

Extraction and dispersive kits for QuEChERS method (Quick, Easy, Cheap, Effective, Rugged and Safe) for sample preparation for analysis of multi-residual pesticides in fruits, vegetables and other foods.

The extraction kit (QECH-E10-050) includes 50 extraction pouches (4 g $MgSO_4$ + 1 g NaCl + 1 g tri-sodium citrate + 0.5 g Citrate di-sodium sesquihydrate) and 50 centrifuge tubes Premium Line of 50 ml.

Equivalent: Agilent 5982-5650

The dispersive kit for general fruits and vegetables (QECH-D22-050) includes 50 dispersive pouches (150 mg PSA + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml. Equivalent: Agilent 5982-5056

The dispersive kit for fruits and vegetables with fats and waxes (QECH-D32-050) includes 50 dispersive pouches (150 mg PSA + 150 mg C18 + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml.

Equivalent: Agilent 5982-5156

The dispersive kit for pigmented fruits and vegetables (QECH-D20-050) includes 50 dispersive pouches (150 mg PSA + 15 mg GCB + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml.

Equivalent: Agilent 5982-5256

The dispersive kit for highly pigmented fruits and vegetables (QECH-D24-050) includes 50 dispersive pouches (150 mg PSA + 45 mg GCB + 900 mg $MgSO_4$) and 50 centrifuge tubes Premium Line of 15 ml.

Equivalent: Agilent 5982-5356



reference	description	pcs/pack	price/pack
QECH-E10-050	extraction kit	50	
QECH-D22-050	dispersive kit for general fruits and vegetables	50	
QECH-D32-050	dispersive kit for fruits and vegetables with fats and waxes	50	
QECH-D20-050	dispersive kit for pigmented fruits and vegetables	50	
QECH-D24-050	dispersive kit for highly pigmented fruits and vegetables	50	
QECH-H15-025	ceramic homogenizer for 15 ml tubes	25	

SPE – SOLID PHASE EXTRACTION CARTRIDGES

4 types of traditional SPE absorbents for most commonly used applications in column of 3 or 6 ml and luer connection

C18: End-capped silica-based octadecyl. Suitable for non-polar compounds. Surface area 300 m²/g, particle size 40-60 μm, pore size 120 Å

SILICA: Silica unbounded silica gel. Suitable for polar compounds. Surface area 480 m²/g, particle size 40-75 μm, pore size 70 Å

FLORISIL: Florisil pesticide grade. Suitable for halogenated and polar compounds such as multiresidual pesticides. Particle size 150-250 μm

NH2: Silica-based aminopropyl. Suitable for moderately polar and acidic compounds. Surface area 200 m²/g, particle size 40-75 μm, pore size 100 Å

reference	phase	quantity (mg)	volume (ml)	pcs/pack	price/pack
SPHE-C35-050	C18	500	3	50	
SPHE-C65-030	C18	500	6	30	
SPHE-S35-050	SILICA	500	3	50	
SPHE-S61-030	SILICA	1000	6	30	
SPHE-F35-050	FLORISIL	500	3	50	
SPHE-F61-030	FLORISIL	1000	6	30	
SPHE-N35-050	NH2	500	3	50	
SPHE-N65-030	NH2	500	6	30	

BRANCHIA



BRANCHIA



VACUUM MANIFOLD FOR SOLID PHASE EXTRACTION SPE

Compatible with SPHE and standard luer-end SPE cartridges. Made of transparent glass, high resistance to corrosion. Withstands more than 96 kPa (720 mm Hg) vacuum pressure with no deformation, long-term use. Individual valves allow vacuum control for each cartridge improving reproducibility. Joint highly resistant to corrosion and PTFE internal tube rack. Includes gauge, lid, collection rack, solvent guide needles and silicone tube. Warranty 2 years



reference	type	pcs/pack	price/pack
MNFL-S12-001	12 positions, square	1	

BRANCHIA



HYDROPHILIC NYLON SYRINGE FILTERS, NONSTERILE

Membrane made of hydrophilic Nylon 66. Suitable for sample preparation in HPLC applications, ideal for routine analysis. Housing: Polypropylene (PP), blue colour. Designed with connectors: FLL/MSL



reference	$\varnothing_{\text{outer}}$ (mm)	pore (μm)	pcs/pack	price/pack
SFNY-122-100	13	0,22	100	
SFNY-145-100	13	0,45	100	
SFNY-222-100	25	0,22	100	
SFNY-245-100	25	0,45	100	
"Saving package"				
SFNY-122-1K0	13	0,22	10 x 100	
SFNY-145-1K0	13	0,45	10 x 100	
SFNY-222-1K0	25	0,22	10 x 100	
SFNY-245-1K0	25	0,45	10 x 100	

BRANCHIA



HYDROPHOBIC PTFE SYRINGE FILTERS, NONSTERILE

Suitable for sample preparation in HPLC application. Membrane made of hydrophobic Polytetrafluoroethylene (PTFE), resistant to almost all aggressive organic solvents, acids and bases. High thermal resistance. Housing: Polypropylene (PP), fuchsia colour. Designed with connectors: FLL/MSL



reference	$\varnothing_{\text{outer}}$ (mm)	pore (μm)	pcs/pack	price/pack
SFPT-122-100	13	0,22	100	
SFPT-145-100	13	0,45	100	
SFPT-222-100	25	0,22	100	
SFPT-245-100	25	0,45	100	
"Saving package"				
SFPT-122-1K0	13	0,22	10 x 100	
SFPT-145-1K0	13	0,45	10 x 100	
SFPT-222-1K0	25	0,22	10 x 100	
SFPT-245-1K0	25	0,45	10 x 100	

HYDROPHILIC PVDF SYRINGE FILTERS, NONSTERILE

Hydrophilic. Suitable for sample preparation in HPLC application and ideal in sterilization and clarification of biological solutions. Membrane made of hydrophilic Polyvinylidene fluoride (PVDF), low protein binding membrane for filtration of non aggressive aqueous solutions and slightly organic solutions. Housing: Polypropylene (PP), yellow colour. Designed with connectors: FLL/MSL

reference	$\varnothing_{\text{outer}}$ (mm)	pore (μm)	pcs/pack	price/pack
SFPV-122-100	13	0,22	100	
SFPV-145-100	13	0,45	100	
SFPV-222-100	25	0,22	100	
SFPV-245-100	25	0,45	100	
"Saving package"				
SFPV-122-1K0	13	0,22	10 x 100	
SFPV-145-1K0	13	0,45	10 x 100	
SFPV-222-1K0	25	0,22	10 x 100	
SFPV-245-1K0	25	0,45	10 x 100	

BRANCHIA



HYDROPHILIC MCE SYRINGE FILTERS, NONSTERILE

Suitable for clarification or sterilization of most typical aqueous samples. It is ideal for biological samples or culture media filtration. Membrane made of hydrophilic M.E. Cellulose (MCE), very uniform porosity and high protein retention. Housing: Polypropylene (PP), green colour. Designed with connectors: FLL/MSL

reference	$\varnothing_{\text{outer}}$ (mm)	pore (μm)	pcs/pack	price/pack
SFMC-122-100	13	0,22	100	
SFMC-145-100	13	0,45	100	
SFMC-222-100	25	0,22	100	
SFMC-245-100	25	0,45	100	
"Saving package"				
SFMC-122-1K0	13	0,22	10 x 100	
SFMC-145-1K0	13	0,45	10 x 100	
SFMC-222-1K0	25	0,22	10 x 100	
SFMC-245-1K0	25	0,45	10 x 100	

BRANCHIA



The Luer Lock ensures a tight seal, being crucial in medical and laboratory environments for the precise administration of liquids. To connect it to the filter, the tip with the Luer Lock thread is positioned at the top connection of the filter and twisted clockwise, achieving a secure coupling and preventing possible leaks.

BRANCHIA

HYDROPHILIC CA SYRINGE FILTERS



Ideal for aqueous based samples and suitable for all those applications in which the maximum recovery of proteins is required. Membrane made of Cellulose Acetate (CA) inherently hydrophilic. Low protein retention. High mechanical strength. Housing: Polypropylene (PP), fuchsia colour. Designed with connectors: FLL/MSL. Sterile reference is individually packed and sterilized by Gamma irradiation. Free sterilization certificate available on the website



reference	\varnothing _{outer} (mm)	pore (μ m)	type	pcs/pack	price/pack
SFCA-122-100	13	0,22	non sterile	100	
SFCA-145-100	13	0,45	non sterile	100	
SFCA-222-100	25	0,22	non sterile	100	
SFCA-245-100	25	0,45	non sterile	100	
SFCA-12E-100	13	0,22	sterile	100	
SFCA-14E-100	13	0,45	sterile	100	
SFCA-22E-050	25	0,22	sterile	50	
SFCA-24E-050	25	0,45	sterile	50	
"Saving package"					
SFCA-122-1K0	13	0,22	non sterile	10 x 100	
SFCA-145-1K0	13	0,45	non sterile	10 x 100	
SFCA-222-1K0	25	0,22	non sterile	10 x 100	
SFCA-245-1K0	25	0,45	non sterile	10 x 100	

BRANCHIA

HYDROPHILIC PES SYRINGE FILTERS



Very suitable for culture media assays. Membrane made of Polyethersulfone (PES), inherently hydrophilic. Fast filtration speed. Membrane mechanically very strong and resistant to an extensive range of aqueous solvents. Low protein retention. Housing: Polypropylene (PP), light green. Designed with connectors: FLL/MSL. Sterile reference is individually packed and sterilized by Gamma irradiation. Free sterilization certificate available on the website



reference	\varnothing _{outer} (mm)	pore (μ m)	type	pcs/pack	price/pack
SFPE-122-100	13	0,22	non sterile	100	
SFPE-145-100	13	0,45	non sterile	100	
SFPE-222-100	25	0,22	non sterile	100	
SFPE-245-100	25	0,45	non sterile	100	
SFPE-12E-100	13	0,22	sterile	100	
SFPE-14E-100	13	0,45	sterile	100	
SFPE-22E-050	25	0,22	sterile	50	
SFPE-24E-050	25	0,45	sterile	50	
"Saving package"					
SFPE-122-1K0	13	0,22	non sterile	10 x 100	
SFPE-145-1K0	13	0,45	non sterile	10 x 100	
SFPE-222-1K0	25	0,22	non sterile	10 x 100	
SFPE-245-1K0	25	0,45	non sterile	10 x 100	

HAND CRIMPER AND DECAPPER

To crimp and to de-crimp vials with aluminum caps

reference	type	pcs/pack	price/pack
Crimpers (A)			
VCRI-C11-001	for Ø 11 mm caps	1	
VCRI-C20-001	for Ø 20 mm caps	1	
Decappers (B)			
VCRI-D11-001	for Ø 11 mm caps	1	
VCRI-D20-001	for Ø 20 mm caps	1	
Plier type decappers (C)			
VCRI-P11-001	for Ø 11 mm caps	1	
VCRI-P20-001	for Ø 20 mm caps	1	




CRIMP VIAL FOR CHROMATOGRAPHY, 12 X 32 mm, 2 ml

Borosilicate glass Kimble 5.1. Wide mouth (internal diameter 6,2 mm) for an optimal injection. Use aluminum crimp caps 11 mm

reference	Ø (mm)	h (mm)	type	pcs/pack	price/pack
CV01-C20-100	11,6	32	clear	100	
CV01-A20-100	11,6	32	amber	100	
CVP1-C02-100	11,6	32	clear with write-on patch	100	
"Saving package"					
CV01-C20-1K0	11,6	32	clear	10 x 100	
CV01-A20-1K0	11,6	32	amber	10 x 100	
CVP1-C02-1K0	11,6	32	clear with write-on patch	10 x 100	




ALUMINUM CRIMP CAP WITH SEPTA SILICON/PTFE

For vials with beaded rim and cap size 11 mm

reference	type	pcs/pack	price/pack
CC01-S02-100	red silicone/PTFE septa	100	
"Saving package"			
CC01-S02-1K0	red silicone/PTFE septa	10 x 100	




SAVING PACKAGE: KIT OF 1000 CRIMP VIALS AND 1000 CRIMP CAPS WITH SEPTUM

We supply 10 cartons of 100 crimp vials and 10 bags of 100 crimp caps with septum silicon/PTFE

reference	description	pcs/pack	price/pack
CVCC-C2S-1K0	1000 vials CV01-C20 + 1000 crimp caps CC01-S02	1000	
CVCC-A2S-1K0	1000 vials CV01-A20 + 1000 crimp caps CC01-S02	1000	
CVPC-CS2-1K0	1000 vials CVP1-C02 + 1000 crimp caps CC01-S02	1000	






METRIA



SCREW VIAL FOR CHROMATOGRAPHY, 12 X 32 mm, 2 ml, SCREW CAP

Borosilicate glass Kimble 5.1. Wide mouth (internal diameter 6,2 mm) for an optimal injection. Use screw caps 9 - 425

reference	∅ (mm)	h (mm)	type	pcs/pack	price/pack
SV02-C20-100	11,6	32	clear	100	
SV02-A20-100	11,6	32	amber	100	
SVP2-C02-100	11,6	32	clear with write-on patch	100	
SVP2-A02-100	11,6	32	amber with write-on patch	100	
"Saving package"					
SV02-C20-1K0	11,6	32	clear	10 x 100	
SV02-A20-1K0	11,6	32	amber	10 x 100	
SVP2-C02-1K0	11,6	32	clear with write-on patch	10 x 100	
SVP2-A02-1K0	11,6	32	amber with write-on patch	10 x 100	



METRIA

USP
Type 1

CHROMATOGRAPHY VIAL, 12 X 32 mm, WITH INSERTS

USP Type I borosilicate glass. Integrated inserts. Available with various cap mouth options: 9 - 425 thread, Snap Top, and crimpable

reference	∅ (mm)	h (mm)	type	pcs/pack	price/pack
SV02-C02-100	11,6	32	0,2 ml, screw cap 9 - 425, clear	100	
CV01-C02-100	11,6	32	0,2 ml, snap-top, clear	100	
STV2-C02-100	11,6	32	0,2 ml, crimpable, clear	100	



METRIA



SCREW VIAL FOR CHROMATOGRAPHY IN PP, 12 X 32 mm, 2 ml, SCREW CAP

Wide mouth (internal diameter 6,2 mm) for an optimal injection. Use screw caps 9 - 425

reference	∅ (mm)	h (mm)	type	pcs/pack	price/pack
SV02-P20-100	11,6	32	clear	100	
SV02-P2A-100	11,6	32	amber	100	



METRIA



CHROMATOGRAPHY VIAL IN PP, 12 X 32 mm, WITH INSERTS

Integrated inserts. Various types available: 9 - 425 thread or snap-top with volumes of 0,3 ml and 0,7 ml

reference	∅ (mm)	h (mm)	type	pcs/pack	price/pack
SV02-P03-100	11,6	32	0,3 ml, screw cap 9 - 425, clear	100	
SV02-PA3-100	11,6	32	0,3 ml, screw cap 9 - 425, amber	100	
STV2-P03-100	11,6	32	0,3 ml, snap-top, clear	100	
STV2-P07-100	11,6	32	0,7 ml, snap-top, clear	100	
SV02-P07-100	11,6	32	0,7 ml, screw cap 9 - 425, clear	100	

HIGH RECOVERY VIAL FOR CROMATOGRAPHY

1,5 ml high recovery vial with flat base and 9 - 425 screw thread. Made of borosilicate glass LBG 3.3. Suitable for very valuable samples, maximum retrieval of the sample guaranteed. Available in clear glass and amber glass

reference	∅ (mm)	h (mm)	type	pcs/pack	price/pack
SH01-015-100	11,6	32,5	clear	100	
SH01-A15-100	11,6	32,5	amber	100	

METRIA**SCREW CAP WITH SEPTA SILICON/PTFE**

Caps made of polypropylene suitable for screw caps 9 - 425. In "Pre-slit" reference, septa is preperierced for an optimal injection

reference	type	pcs/pack	price/pack
SC02-W02-100	blue, silicone/PTFE septa	100	
SC02-R02-100	red, silicone/PTFE septa	100	
SC02-G02-100	green, silicone/PTFE septa	100	
SC02-P02-100	blue, pre-slit silicone/PTFE septa	100	
"Saving package"			
SC02-W02-1K0	blue, silicone/PTFE septa	10 x 100	
SC02-R02-1K0	red, silicone/PTFE septa	10 x 100	
SC02-G02-1K0	green, silicone/PTFE septa	10 x 100	
SC02-P02-1K0	blue, pre-slit silicone/PTFE septa	10 x 100	

METRIA

NEW

**SAVING PACKAGE: KIT OF 1000 SCREW VIALS AND 1000 SCREW CAP WITH SEPTA**

We supply 10 cartons of 100 screw vials and 10 bags of 100 screw caps with septum silicon/PTFE

reference	description	pcs/pack	price/pack
With silicon/PTFE septa			
SVSC-C20-1K0	1000 vials SV02-C20 + 1000 caps SC02-W02	1000	
SVSC-A20-1K0	1000 vials SV02-A20 + 1000 caps SC02-W02	1000	
SVPC-C20-1K0	1000 vials SVP2-C02 + 1000 caps SC02-W02	1000	
SVPC-A20-1K0	1000 vials SVP2-A02 + 1000 caps SC02-W02	1000	
With silicon/PTFE "pre-slit" septa			
SVSC-C2P-1K0	1000 vials SV02-C20 + 1000 caps SC02-P02	1000	
SVSC-A2P-1K0	1000 vials SV02-A20 + 1000 caps SC02-P02	1000	
SVPC-CP2-1K0	1000 vials SVP2-C02 + 1000 caps SC02-P02	1000	
SVPC-AP2-1K0	1000 vials SVP2-A02 + 1000 caps SC02-P02	1000	

METRIA**SCREW CAP FOR VIALS WITH ATTACHED SILICONE/PTFE SEPTA**

Polypropylene caps suitable for vials with 9 - 425 threads. Septa attached to the cap to prevent it from falling off when using blunt needles. In the "pre-slit" model, the septa is pre-perforated for optimal injection

reference	type	pcs/pack	price/pack
SC02-BN2-100	silicone/PTFE septa	100	
SC02-BW2-100	pre-slit silicone/PTFE septa	100	

METRIA

NEW



METRIA

ULTRACLEAN VIALS FOR CHROMATOGRAPHY KIT

Preassembled kit of 2 ml UltraClean vials + polypropylene screw caps (9 - 425). Special for contamination-free sampling and sensitive testing, it is widely used for GC-MS, LC-MS and MS-MS as well as being a good solution for avoiding ghost peaks in chromatography. In the "pre-slit" model, the septum is pre-pierced for optimal injection. Vials have a flat bottom, writing area. Available in clear glass and amber glass. Each kit has its own certificate



reference	type	pcs/pack	price/pack
SVC2-P02-100	clear, silicone/PTFE septa	100	
SVC2-W02-100	clear, pre-slit silicone/PTFE septa	100	
SVC2-PA2-100	amber, silicone/PTFE septa	100	
SVC2-WA2-100	amber, pre-slit silicone/PTFE septa	100	

METRIA

SNAP-TOP VIAL FOR CHROMATOGRAPHY, 2 ml

Borosilicate glass USP type I, wide mouth and flat base. Designed to be used with plastic snap top caps. These caps eliminate the need for crimping. They simply snap over the top of the vial, sealing the contents safe inside



reference	type	pcs/pack	price/pack
STV2-C20-100	clear	100	
STV2-A20-100	amber	100	
STP2-C20-100	clear with write-on patch	100	
STP2-A20-100	amber with write-on patch	100	

METRIA

SNAP CAP FOR SNAP-TOP VIALS WITH PTFE/SILICONE SEPTUM

Snap cap with red PTFE (11 mm)/White silicone (1 mm) (0,04") septum



reference	type	pcs/pack	price/pack
STC2-P20-100	septa white silicone / red PTFE	100	
STC2-W20-100	septa pre-slit white silicone / red PTFE	100	

METRIA

INSERT FOR 2 ml CHROMATOGRAPHY VIALS

Clear glass, flat-base, conical base or conical base with polyspring. For use with 2 ml screw top vials

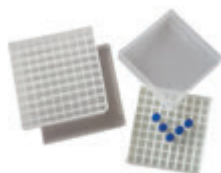


reference	∅ x h (mm)	capacity	type	pcs/pack	price/pack
SVI2-FBA-100	6 x 31	300 µl	flat base	100	
SVI2-CBA-100	6 x 31	250 µl	conical base	100	
SVI2-CBP-100	6 x 29	200 µl	conical base with Polyspring	100	

astik's

PP VIAL FREEZER BOX

Made of polypropylene. Suitable for freezing. Natural colour. Autoclavable



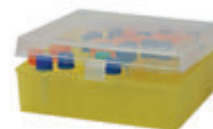
reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
FBXP-081-001	51	128	128	up to 81 vials 2 ml (∅ _{r max.} 12 mm)	1	
FBXP-100-001	53	140	140	up to 100 vials 2 ml (∅ _{r max.} 12 mm)	1	

PP VIAL FREEZER BOX WITH HINGED LID

Made of polypropylene. Suitable for freezing (withstands temperatures from -130 °C up to +130 °C). Autoclavable

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
FBXP-K03-001	50	140	140	clear/yellow, for 100 vials (\varnothing_{max} 12 mm)	1	
FBXP-K04-001	50	140	140	clear/blue, for 100 vials (\varnothing_{max} 12 mm)	1	

astik's

**STAINLESS STEEL VIAL RACK**

For chromatography vials 12 x 32 mm. Hole diameter ~14 mm

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
TTSS-R24-001	25	86	64	for 6 x 4 chromatography vials	1	
TTSS-R50-001	25	150	80	for 10 x 5 chromatography vials	1	

clink

**CHROMATOGRAPHY SCREW TOP VIALS, 4 ml, 15 X 45 mm**

Borosilicate glass USP type I. Wide mouth, flat base and 13-425 screw thread

reference	\varnothing (mm)	h (mm)	type	pcs/pack	price/pack
SV04-C40-100	15	45	clear	100	
SV04-A40-100	15	45	amber	100	
SVP4-C40-100	15	45	clear with write-on patch	100	
SVP4-A40-100	15	45	amber with write-on patch	100	

METRIA

**OPEN TOP SCREW CAP WITH 13-425 THREAD, PTFE/SILICONE SEPTUM**

Black polypropylene (PP) cap, 13-425 thread, with 13 mm thick red PTFE/White silicone, 1,5 mm (0,06") thick septum. For use with 4 ml vial

reference	type	pcs/pack	price/pack
SC04-R40-100	septa white silicone / red PTFE	100	

METRIA

**HEADSPACE CRIMP VIAL, 20 mm MOUTH**

Borosilicate clear glass USP type I, beveled edge

reference	\varnothing x h (mm)	vol. (ml)	type	pcs/pack	price/pack
CHVF-C10-100	22,5 x 46	10	flat bottom	100	
CHVR-C10-100	22,5 x 46	10	flat-rounded bottom	100	
CHVF-C20-100	22,5 x 75	20	flat bottom	100	
CHVR-C20-100	22,5 x 75	20	flat-rounded bottom	100	

METRIA

**ALUMINUM CRIMP CAP, \varnothing 20 mm, WITH SEPTUM**

Open top with a 10mm hole and 3 mm (0,125") thick septum

reference	type	pcs/pack	price/pack
CHCA-S20-100	septa white silicon / natural PTFE	100	
CHCA-B20-100	moulded septa butyl / natural PTFE	100	

METRIA



**METRIA****SHELL VIAL, 1 ml**



Flat base, clear glass with plug

reference	∅ x h (mm)	vol. (ml)	pcs/pack	price/pack
SHV1-C40-200	8 x 40	1	200	

labkem**SILICA GEL FOR COLUMN CHROMATOGRAPHY**

High purity silica gel with a structure of pores of the highest quality, its appearance is a white granulate of homogeneous size. It is used as a carrier material for chromatography, but also for the separation and purification of medicine compounds as well as in the refining of oleic, petroleum products and aromatic hydrocarbons



reference	particle size	pore	package	price/pack
SGEC-200-500	0,063 - 0,200 mm	60 Å	 500 g	
SGEC-060-500	0,040 - 0,063 mm	60 Å	 500 g	

METRIA**PP RACK FOR CROMATOGRAPHY VIALS**

Chromatography vial rack. Capacity for 50 vials. Available in two sizes for 2 ml and 4 ml vials



reference	type	pcs/pack	price/pack
RCVL-002-001	blue, for 2 ml vials	1	
RCVL-R02-001	green, for 2 ml vials	1	
RCVL-N02-001	orange, for 2 ml vials	1	
RCVL-004-001	blue, for 4 ml vials	1	

**GLASS CHROMATOGRAPHY COLUMNS**

Top quality 3.3 borosilicate glass, chemical resistant, to be used with SGEC-200-500 or SGEC-060-500 in chromatographic applications. 2 types: (A) With PTFE needle valve stopcock: PTFE Rotaflor stopcock for fine control of eluent flow, sintered disc, socket for reservoirs and porosity 0. (B) With PTFE key stopcock: Sintered frit disc, PTFE stopcock (bore: 0-2,5mm), socket and porosity 0



reference	∅ x h (mm)	vol. (ml)	socket size (female)	type	pcs/pack	price/pack
GLAC-N02-001	10 x 200	15	14/23	A	1	
GLAC-N03-001	10 x 300	20	14/23	A	1	
GLAC-N05-001	20 x 200	60	19/26	A	1	
GLAC-N07-001	20 x 400	120	19/26	A	1	
GLAC-N11-001	30 x 400	270	29/32	A	1	
GLAC-N12-001	30 x 500	340	29/32	A	1	
GLAC-K01-001	10 x 100	8	14/23	B	1	
GLAC-K02-001	10 x 200	15	14/23	B	1	
GLAC-K03-001	15 x 200	35	14/23	B	1	
GLAC-K04-001	10 x 300	23	14/23	B	1	
GLAC-K05-001	20 x 400	125	29/32	B	1	
GLAC-K07-001	30 x 600	430	29/32	B	1	

THIN LAYER CHROMATOGRAPHY PLATES (TLC)

Silica gel plates backed with aluminum or glass for TLC in different sizes. Silica gel: particle size 5-17 μm , pore size 60 \AA , specific pore volume 0,75 ml/g, specific surface area 500 m^2/g . Aluminum backed plates: Coating thickness 0,15-0,20 mm, Sodium organic acid as a binder. Glass backed plates: Coating thickness 0,20-0,25mm, Acrylics and/or customized agents as binder

reference	dimensions (mm)	type	pcs/pack	price/pack
TLCP-AI0-250	25 x 75	backed in aluminum with F254	250	
TLCP-AI1-080	50 x 100	backed in aluminum with F254	80	
TLCP-AI2-020	100 x 200	backed in aluminum with F254	20	
TLCP-AI3-020	200 x 200	backed in aluminum with F254	20	
TLCP-AN3-020	200 x 200	backed in aluminum without F254	20	
TLCP-GI1-160	50 x 100	backed in glass with F254	160	
TLCP-GI2-040	100 x 200	backed in glass with F254	40	
TLCP-GI3-020	200 x 200	backed in glass with F254	20	
TLCP-GN3-020	200 x 200	backed in glass without F254	20	

METRIA



SQUARED GLASS CHAMBER

In soda-lime glass, includes lid. Suitable for TLC and other purposes

reference	dimensions (length x width x height)	pcs/pack	price/pack
SGCH-S01-001	140 x 100 x 215 mm	1	
SGCH-S02-001	140 x 140 x 220 mm	1	
SGCH-S03-001	125 x 225 x 225 mm	1	

LBG



PP SAFETY CAPS WITH GL45 THREAD

Designed to prevent the evaporation of volatile compounds. Compatible with bottles and jars with GL45 threads. Available with 2, 3, or 4 tube connection ports

reference	type	pcs/pack	price/pack
SFCP-B23-001	blue, 2 ports for 3,2 mm tubes	1	
SFCP-R33-001	red, 3 ports for 3,2 mm tubes	1	
SFCP-Y43-001	yellow, 4 ports for 3,2 mm tubes	1	
SFCP-B21-001	blue, 2 ports for 1,6 mm tubes	1	
SFCP-R31-001	red, 3 ports for 1,6 mm tubes	1	
SFCP-Y41-001	yellow, 4 ports for 1,6 mm tubes	1	
Accessories and spare parts			
SFCP-A01-100	1/4-28 PEEK Fitting for 3,2 mm tubes	100	
SFCP-A02-100	10-32unf PEEK Fitting for 1,6 mm tubes	100	
SFCP-A03-100	10-32unf PEEK Blind Plug	100	

bb
NEW



SOLVENTS FOR CHROMATOGRAPHY

ACETONE

labkem

MW: 58.08 CAS: 67-64-1 EC: 200-662-2 EC INDEX: 606-001-00-8 TARIC code: 29141100 Restriction: Drugs precursor Cat. 3 + Explosives



IMDG: 3 II UN 1090 ADR: 3 II UN 1090 (D/E) IATA: 3 II UN 1090



ACETONE HPLC GGR	reference	packaging	price		
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (330 nm) < 1.00 UV-Abs. max. lim. (340 nm) < 0.06 UV-Abs. max. lim. (350 nm) < 0.01 UV Cutoff < 330nm	Assay > 99.7% Colour (Hazen) < 10 Water (KF) < 0.25% Res. on evap. < 0.0001% Tit. acid < 0.0003mEq/g Tit. base < 0.0006mEq/g	Solub. in H ₂ O passes test Subst. red. KMnO ₄ passes test Aldehydes < 0.002% Methanol < 0.05% 2-Propanol < 0.05%	ACET-OGH-2K5 ACET-OGH-P04	 2,5 L 4x2,5 L	
ACETONE PESTICIDE GRADE PGR	reference	packaging	price		
Assay > 99.5% Water (KF) < 0.5%	Colour (Hazen) < 10 Non-Vol. Mat. < 0.0005%		ACET-OGC-2K5 ACET-OGC-P04	 2,5 L 4x2,5 L	

ACETONITRILE

labkem

MW: 41.05 CAS: 75-05-8 EC: 200-835-2 EC INDEX: 608-001-00-3



IMDG: 3 II UN 1648 ADR: 3 II UN 1648 (D/E) IATA: 3 II UN 1648



ACETONITRILE GC/HPLC GGR	reference	packaging	price		
UV-Abs. max. lim. (195 nm) < 0.15 UV-Abs. max. lim. (200 nm) < 0.05 UV-Abs. max. lim. (205 nm) < 0.04 UV-Abs. max. lim. (210 nm) < 0.02 UV-abs. max. lim. (220 nm) < 0.01	UV-Abs. max. lim. (254 nm) < 0.009 UV Cutoff < 190nm Grad. Elut. test passes test Assay > 99.9% Colour (Hazen) < 10	H ₂ O (by KF) < 0.01% Res. on evap. < 0.0001% Tit. acid < 0.0008mEq/g Tit. base < 0.0006mEq/g	ACTN-OGH-2K5 ACTN-OGH-P04 ACTN-OGH-4K0 ACTN-OGH-PG4	 2,5 L 4x2,5 L 4 L 4x4 L	
ACETONITRILE LC/MS LGR	reference	packaging	price		
LC Grad. Suit. Passes test Assay > 99.9% Colour (Hazen) < 10 Water (KF) < 0.01% Res. on evap. < 0.0001% Tit. acid < 0.008% Tit. base < 0.0006% UV-Abs. max. lim. (195 nm) < 0.15 UV-Abs. max. lim. (200 nm) < 0.05 UV-Abs. max. lim. (205 nm) < 0.04 UV-Abs. max. lim. (210 nm) < 0.02 UV-abs. max. lim. (220 nm) < 0.01 UV-Abs. max. lim. (254 nm) < 0.005 UV Cutoff < 190nm Grad. elut. H. Peak (254 nm) < 0.5mAU Grad. elut. H. Peak (210 nm) < 2mAU Al < 0.0000025%	Ba < 0.000005% Cd < 0.000005% Ca < 0.0000025% Cr < 0.000005% Co < 0.000005% Cu < 0.000005% Fe < 0.000005% Pb < 0.000005% Mg < 0.0000025% Mn < 0.000005% Ni < 0.000005% K < 0.0000025% Ag < 0.000005% Na < 0.000005% Sn < 0.000005% Zn < 0.000005%		ACTN-LCM-2K5 ACTN-LCM-P04	 2,5 L 4x2,5 L	

1-BUTANOL

MW: 74.12 CAS: 71-36-3 EC: 200-751-6 EC INDEX: 603-004-00-6

IMDG: 3 III UN 1120 ADR: 3 III UN 1120 (D/E) IATA: 3 III UN 1120

labkem



1-BUTANOL HPLC GGR	reference	packaging	price
Assay > 99.8% Water (KF) < 0.03% Acidity < 0.0005meq/g Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 230 nm > 65% UV-Tr. (1cm;Wat.) 240 nm > 80% UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 260 nm > 95%	UV-Tr. (1cm;Wat.) 310 nm > 99% Fluorescence (as quinine): F (quin.) 254 nm < 0.0000002% F (quin.) 365 nm < 0.0000002%	 BUTL-1GH-2K5 2,5 L	

CYCLOHEXANE

MW: 84,16 CAS: 110-82-7 EC: 203-806-2 EC INDEX: 601-017-00-1 TARIC code: 29021100 Restriction: Hydrocarbons

IMDG: 3 II UN 1145 ADR: 3 II UN 1145 (D/E) IATA: 3 II UN 1145

labkem



CYCLOHEXANE HPLC GGR	reference	packaging	price
Assay > 99.5% Water (KF) > 0.01% Acidity > 0.0005meq/g Res. on evap. > 0.0005% UV-Tr. (1cm;Wat.) 210 nm < 60% UV-Tr. (1cm;Wat.) 220 nm < 80% UV-Tr. (1cm;Wat.) 230 nm < 95% UV-Tr. (1cm;Wat.) 240 nm < 98%	UV-Tr. (1cm;Wat.) 250 nm < 99% F254 nm (Quinine) > 0.0000001% F365 nm (Quinine) > 0.0000001%	 CYHX-00H-2K5 2,5 L	
		 CYHX-00H-P04 4x2,5 L	

DICHLOROMETHANE

MW: 84.93 CAS: 75-09-2 EC: 200-838-9 EC INDEX: 602-004-00-3

IMDG: 6.1 III UN 1593 ADR: 6.1 III UN 1593 (E) IATA: 6.1 III UN 1593

labkem



DICHLOROMETHANE (STABILIZED WITH AMYLENE) HPLC GGR	reference	packaging	price
Assay > 99.8% Water (KF) > 0.01% Acidity < 0.0005meq/g Alkalinity < 0.0005% Non-Vol. Mat. < 0.0005% Stabilizer (amylene) 0.005% Res. on ignition < 0.0002% UV-Tr. (1cm;Wat.) 235 nm > 40%	UV-Tr. (1cm;Wat.) 240 nm > 75% UV-Tr. (1cm;Wat.) 250 nm > 98% UV-Tr. (1cm;Wat.) 260 nm > 99%	 DCHM-0GH-2K5 2,5 L	
		 DCHM-0GH-P04 4x2,5 L	

DIMETHYL SULFOXIDE

MW: 78.13 CAS: 67-68-5 EC: 200-664-3



labkem

DIMETHYL SULFOXIDE HPLC GGR	reference	packaging	price
UV Absorbance UV-Abs. max. lim. (263 nm) < 1.0 UV-Abs. max. lim. (270 nm) < 0.4 UV-Abs. max. lim. (290 nm) < 0.18 UV-Abs. max. lim. (310 nm) < 0.06 UV-Abs. max. lim. (330 nm) < 0.02 UV-Abs. max. lim. (350 nm) < 0.01 UV Cutoff < 263 nm Assay > 99.5% Colour (Hazen) < 10	Water (KF) < 0.05% Res. on evap. < 0.0005% Tit. acid < 0.001 ppm	 DMSO-0GH-2K5 2,5 L	
		 DMSO-0GH-P04 4x2,5 L	

ETHYL ACETATE

MW: 88,10 CAS: 141-78-6 EC: 205-500-4 EC INDEX: 607-022-00-5

IMDG: 3 II UN 1173 ADR: 3 II UN 1173 (D/E) IATA: 3 II UN 1173

labkem



ETHYL ACETATE HPLC GGR	reference	packaging	price
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005 meq/q Non-Vol. Mat. < 0.0005 meq/g UV-Abs. max. lim. (270 nm) < 0.025 UV-Abs. max. lim. (260 nm) < 0.15	UV Cutoff < 255 UV-Abs. max. limit (255 nm) < 1.00	 ETAC-0GH-2K5 2,5 L	
		 ETAC-0GH-P04 4x2,5 L	

HEPTANE

MW: 100.21 CAS: 142-82-5 EC: 921-510-4 EC INDEX: 601-008-00-2 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1206 ADR: 3 II UN 1206 (D/E) IATA: 3 II UN 1206

C₇H₁₆

N-HEPTANE 99% HPLC GGR	reference	packaging	price
Assay > 99.0% Water (KF) < 0.02% Colour (Hazen) < 10	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 210 nm > 40% UV-Tr. (1cm;Wat.) 220 nm > 80%	UV-Tr. (1cm;Wat.) 230 nm > 93% UV-Tr. (1cm;Wat.) 240 nm > 97% UV-Tr. (1cm;Wat.) 250 nm > 98%	HPTN-9GH-2K5 2,5 L
		HPTN-9GH-P04 4x2,5 L	

HEXANE

MW: 86.18 CAS: 110-54-3 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C₆H₁₄

N-HEXANE 95% HPLC GGR	reference	packaging	price
Assay > 95.0% Water (KF) < 0.01% Colour (Hazen) < 10 Acidity < 0.0003meq/g	Res. on evap. < 0.0003% UV-Abs. max. lim. (195 nm) < 1.00 UV-Abs. max. lim. (210 nm) < 0.25 UV-abs. max. lim. (220 nm) < 0.075	UV-Abs. max. lim. (254 nm) < 0.005 UV Cutoff < 195 nm	HXAN-5GH-2K5 2,5 L
		HXAN-5GH-P04 4x2,5 L	
N-HEXANE 95% PESTICIDE GRADE PGR	reference	packaging	price
Assay > 95% Water (KF) < 0.02% Colour (Hazen) < 10	Acidity < 0.0005 meq/g Res. on evap. < 0.0005%		HXAN-5GC-2K5 2,5 L
		HXAN-5GC-P04 4x2,5 L	

HEXANE, ISOMER MIX

MW: 86.18 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C₆H₁₄

N-HEXANE (ISOMERS) HPLC GGR	reference	packaging	price
Assay (V/V) > 96% App. Clear colourless liquid Arom. Comp. (v/v) < 0.005% Benzene < 0.001%	colour (Saybolt) > 30 S < 0.0001% Cu corros. (ASTM D130) < 1 Density at 15 °C 0.665 - 0.673 g/ml	Boiling range 62.5 - 70 °C Non-Vol. Mat. < 5 mg/100 ml	HXAN-IGH-2K5 2,5 L
		HXAN-IGH-P04 4x2,5 L	

ISOCTANE

MW: 114.23 CAS: 540-84-1 EC: 208-759-1 EC INDEX: 601-009-00-8 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1262 ADR: 3 II UN 1262 (D/E) IATA: 3 II UN 1262



ISOCTANE HPLC GGR	reference	packaging	price
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 UV-Abs. max. lim. (225 nm) < 0.10	ISCT-OGH-2K5	2,5 L	
UV-Abs. max. lim. (254 nm) < 0.014 UV Cutoff < 205 nm Assay (C ₈ H ₁₈) > 99.0% Colour (Hazen) < 10	ISCT-OGH-P04	4x2,5 L	
Water (KF) < 0.02% Res. on evap. < 0.0004% Wat. sol. titr. acid < 0.0003 mEq/g S comp. < 0.005%			

METHANOL

MW: 32.04 CAS: 67-56-1 EC: 200-659-6 EC INDEX: 603-001-00-X

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230



METHANOL GC/HPLC GGR	reference	packaging	price
UV-abs. max. lim. (220 nm) < 0.25 UV-Abs. max. lim. (230 nm) < 0.15 UV-Abs. max. lim. (254 nm) < 0.02 UV-Abs. max. lim. (280 nm) < 0.01 Grad. Elut. test passes test UV Cutoff < 205 nm Assay > 99.9%	MTOL-OGH-2K5	2,5 L	
Colour (Hazen) < 10 H ₂ O (by KF) < 0.05% Res. on evap. < 0.0003% Titr. acid < 0.0003 mEq/g Titr. base < 0.0002 mEq/g Carbonyl comp. < 0.001% Subs. dark. by H ₂ SO ₄ passes test	MTOL-OGH-P04	4x2,5 L	
Subst. red. KMnO ₄ passes test Solub. in H ₂ O passes test ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 LC Grad. Suit.	MTOL-OGH-4K0	4 L	
	MTOL-OGH-PG4	4x4 L	
METHANOL LC/MS LGR	reference	packaging	price
Assay > 99.9% App. Clear colourless liquid H ₂ O (by KF) < 0.05% Colour (Hazen) < 10 Acid. (Acetic acid) < 0.0003% Alkal. (Ammonia) < 0.0002% Res. on evap. < 0.001% Grad. elut. H. Peak (254 nm) < 0.002AU T220nm > 60% T235nm > 85%	MTOL-LCM-2K5	2,5 L	
T260nm > 98% LC Grad. Suit. Passes test Ni < 0.000002% Ba < 0.00001% Fe < 0.00001% Al < 0.00005% Ca < 0.00001% Cr < 0.000002% Cu < 0.000001% Mn < 0.000001%	MTOL-LCM-P04	4x2,5 L	
Co < 0.000002% Mg < 0.00001% Na < 0.00001% K < 0.00001% Pb < 0.000002% Cd < 0.000005% Ag < 0.00001% Sn < 0.00001% Zn < 0.00001%			

PETROLEUM ETHER 40-60

CAS: 64742-49-0 EC: 265-151-9 EC INDEX: 649-328-00-1 TARIC code: 27101225 Restriction: Hydrocarbons

IMDG: 3 II UN 1268 ADR: 3 II UN 1268 (D/E) IATA: 3 II UN 1268



PETROLEUM ETHER 40-60 HPLC GGR	reference	packaging	price
Water < 0.01% Acidity < 0.0005meq/q Res. on evap. < 0.0005%	PEET-4GH-2K5	2,5 L	
UV-Tr. (1cm;Wat.) 210 nm > 60% UV-Tr. (1cm;Wat.) 220 nm > 80% UV-Tr. (1cm;Wat.) 230 nm > 90%	PEET-4GH-P04	4x2,5 L	
UV-Tr. (1cm;Wat.) 240 nm > 98% UV-Tr. (1cm;Wat.) 250 nm > 99%			



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

1-PROPANOL

MW: 60,10 CAS: 71-23-8 EC: 200-746-9 EC INDEX: 603-003-00-0

IMDG: 3 II UN 1274 ADR: 3 II UN 1274 (D/E) IATA: 3 II UN 1274

labkem



1-PROPANOL HPLC GGR	reference	packaging	price
Assay > 99.5% Water (KF) < 0.05% Acidity < 0.0005meq/g Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 290 nm > 98% UV-Tr. (1cm;Wat.) 300 nm > 99%	PROL-1GH-2K5	2,5 L	
	PROL-1GH-P04	4x2,5 L	

2-PROPANOL

MW: 60,10 CAS: 67-63-0 EC: 200-661-7 EC INDEX: 603-117-00-0

IMDG: 3 II UN 1219 ADR: 3 II UN 1219 (D/E) IATA: 3 II UN 1219

labkem



2-PROPANOL HPLC GGR	reference	packaging	price
ACS Spec. passes test UV Absorbance UV-Abs. max. lim. (205 nm) < 1.0% UV-abs. max. lim. (220 nm) < 0.25% UV-Abs. max. lim. (230 nm) < 0.13% UV-Abs. max. lim. (254 nm) < 0.02% Assay > 99.8% Colour (Hazen) < 10 Water (KF) < 0.1% Res. on evap. < 0.0005% Acidity < 0.0001mEq/g Carbonyl comp. < 0.002%	PROL-2GH-2K5	2,5 L	
	PROL-2GH-P04	4x2,5 L	
2-PROPANOL LC/MS LGR	reference	packaging	price
Assay > 99.9% Filtered through 0.2 µm App. Clear colourless liquid H ₂ O (by KF) < 0.05% Colour (Hazen) < 5 Acid. (Acetic acid) < 0.002% Alkal. (Ammonia) < 0.002% Res. on evap. < 0.0005% Grad. elut. H. Peak (210 nm) < 0.002AU Grad. elut. H. Peak (254 nm) < 0.002AU T210nm > 40% T220nm > 80% T230nm > 90% T250nm > 98% Ca < 0.00001% Mg < 0.00001% Na < 0.00001% K < 0.00001%	PROL-LCM-2K5	2,5 L	
	PROL-LCM-P04	4x2,5 L	

TETRAHYDROFURAN

MW: 72.11 CAS: 109-99-9 EC: 203-726-8 EC INDEX: 603-025-00-0

IMDG: 3 II UN 2056 ADR: 3 II UN 2056 IATA: 3 II UN 2056

labkem



TETRAHYDROFURAN HPLC GGR	reference	packaging	price
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005 meq/g Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 240 nm > 70% UV-Tr. (1cm;Wat.) 250 nm > 80% UV-Tr. (1cm;Wat.) 260 nm > 90% UV-Tr. (1cm;Wat.) 270 nm > 98% UV-Tr. (1cm;Wat.) 280 nm > 99%	TETR-0GH-2K5	2,5 L	
	TETR-0GH-P04	4x2,5 L	

TOLUENE

MW: 92.14 CAS: 108-88-3 EC: 203-625-9 EC INDEX: 601-021-00-3 TARIC code: 29023000 Restriction: Drugs precursor Cat. 3 + Hydrocarbons

IMDG: 3 II UN 1294 ADR: 3 II UN 1294 (D/E) IATA: 3 II UN 1294

labkem









TOLUENE HPLC GGR	reference	packaging	price
Assay > 99.8% Water (KF) < 0.02% S compounds < 0.003% Acidity < 0.0005 meq/g Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 290 nm > 50% UV-Tr. (1cm;Wat.) 300 nm > 80% UV-Tr. (1cm;Wat.) 310 nm > 90% UV-Tr. (1cm;Wat.) 330 nm > 97% UV-Tr. (1cm;Wat.) 350 nm > 98%	TOLN-0GH-2K5	2,5 L	
	TOLN-0GH-P04	4x2,5 L	

WATER

H₂O

MW: 18.02 CAS: 7732-18-5 EC: 231-791-2

WATER GC/HPLC GGR	reference	packaging	price
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (190 nm) < 0.01 UV-Abs. max. lim. (200 nm) < 0.01 UV-Abs. max. lim. (250-400 nm) < 0.005 UV Cutoff < 190 nm LC Grad. Suit. Grad. Elut. test passes test Colour (Hazen) < 5 Res. on evap. < 0.001%	WATR-00H-2K5	 2,5 L	
	WATR-00H-P04	 4x2,5 L	
	WATR-00H-4K0	 4 L	
	WATR-00H-PG4	 4x4 L	
WATER LC/MS LGR	reference	packaging	price
App. Clear colourless liquid Reserpine < 0.000005% Colour (Hazen) < 10 Res. on evap. < 0.001% LC Grad. Suit. Passes test T190nm > 97% T200nm > 98% T(250 nm - 400 nm) > 99% Fe < 0.000005% Al < 0.000005% Ca < 0.000005% Mg < 0.000005% Na < 0.000005% K < 0.000005%	WATR-LCM-2K5	 2,5 L	
	WATR-LCM-P04	 4x2,5 L	



 **TEST TUBE HOLDER**

Made of spring steel wire. Length: 17 cm



reference	type	pcs/pack	price/pack
TTHS-001-002	for tubes \varnothing 6 - 32 mm	2	

 **TEST TUBE HOLDER**

Made of wood, total length 20 cm



reference	type	pcs/pack	price/pack
TTHW-001-001	for tubes up to \varnothing 20 mm	1	
"Saving package"			
TTHW-001-010	for tubes up to \varnothing 20 mm	10	

 **PLASTIC TEST TUBES**

Round bottom. Packed in polybags. Made of polystyrene (PS) (clear) or polypropylene (PP) (translucent)

reference	capacity	$\varnothing_{\text{outer}}$ (mm)	l (mm)	pcs/pack	price/pack
Made of polystyrene (PS)					
TUPS-126-500	3 ml	12	60	500	
TUPS-127-500	5 ml	12	75	500	
TUPS-137-500	5 ml	13	75	500	
TUPS-130-500	8 ml	13	100	500	
TUPS-160-500	10 ml	16	100	500	
Made of polypropylene (PP)					
TUPP-126-500	3 ml	12	60	500	
TUPP-127-500	5 ml	12	75	500	
TUPP-137-500	5 ml	13	75	500	
TUPP-130-500	8 ml	13	100	500	
TUPP-160-500	10 ml	16	100	500	


 **TEST TUBE, BOROSILICATE GLASS**

Made of borosilicate glass LBG 3.3, without rim



reference	capacity	$\varnothing_{\text{outer}}$ (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
TU02-127-250	5 ml	12	75	0,8	250	
TU02-120-250	7 ml	12	100	0,8	250	
TU02-130-250	8 ml	13	100	0,8 - 1,0	250	
TU02-160-250	10 ml	16	100	1,0	250	
TU02-165-250	16 ml	16	150	1,0	250	
"Saving package"						
TU02-127-2K0	5 ml	12	75	0,8	8 x 250	
TU02-120-2K0	7 ml	12	100	0,8	8 x 250	
TU02-130-2K0	8 ml	13	100	0,8 - 1,0	8 x 250	
TU02-160-1K0	10 ml	16	100	1,0	4 x 250	
TU02-165-1K0	16 ml	16	150	1,0	4 x 250	



TEST TUBE, NEUTRAL GLASS

Made of neutral glass LBG N, without rim

LBG



reference	capacity	Ø _{outer} (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
TU04-105-250	2,5 ml	10	50	0,8 - 1,0	250	
TU04-107-250	3,5 ml	10	75	0,8 - 1,0	250	
TU04-127-250	5 ml	12	75	0,8 - 1,0	250	
TU04-120-250	7 ml	12	100	0,8 - 1,0	250	
TU04-130-250	8,5 ml	13	100	0,8 - 1,0	250	
TU04-160-100	10 ml	16	100	1,0 - 1,2	100	
TU04-165-100	16 ml	16	150	1,0 - 1,2	100	
TU04-200-100	43 ml	20	200	1,0 - 1,2	100	
TU04-225-100	72 ml	25	200	1,0 - 1,2	100	
TU04-250-100	90 ml	25	250	1,0 - 1,2	100	
"Saving package"						
TU04-105-2K0	2,5 ml	10	50	0,8 - 1,0	8 x 250	
TU04-107-2K0	3,5 ml	10	75	0,8 - 1,0	8 x 250	
TU04-127-2K0	5 ml	12	75	0,8 - 1,0	8 x 250	
TU04-120-2K0	7 ml	12	100	0,8 - 1,0	8 x 250	
TU04-130-2K0	8,5 ml	13	100	0,8 - 1,0	8 x 250	
TU04-160-1K0	10 ml	16	100	1,0 - 1,2	10 x 100	
TU04-165-600	16 ml	16	150	1,0 - 1,2	6 x 100	
TU04-200-400	43 ml	20	200	1,0 - 1,2	4 x 100	
TU04-225-400	72 ml	25	200	1,0 - 1,2	4 x 100	
TU04-250-400	90 ml	25	250	1,0 - 1,2	4 x 100	

**DISPOSABLE GLASS TEST TUBE**

Made of neutral glass LBG N without rim.

LBG



reference	capacity	Ø _{outer} (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
TU05-107-250	3 ml	10	75	0,6	250	
TU05-127-250	5 ml	12	75	0,6	250	
TU05-120-250	7 ml	12	100	0,6	250	
TU05-130-250	8 ml	13	100	0,6	250	
"Saving package"						
TU05-107-2K0	3 ml	10	75	0,6	8 x 250	
TU05-127-2K0	5 ml	12	75	0,6	8 x 250	
TU05-120-2K0	7 ml	12	100	0,6	8 x 250	
TU05-130-2K0	8 ml	13	100	0,6	8 x 250	




astik's | **TEST TUBE, PTFE**

Molded from PTFE with heavy wall construction and smooth internal finish. Chemically inert, usable up to 280 °C

reference	capacity	∅ (mm)	h (mm)	type	pcs/pack	price/pack
TPTF-017-001	17 ml	18	100	round bottom	1	
TPTF-050-001	50 ml	25	145	round bottom	1	
TPTF-C18-001	18 ml	18	120	conical bottom	1	

astik's | **TEST TUBE STOPPER**

Made of polyethylene. Flange type. For our plastic test tubes references TUPP and TUPS

reference	type	pcs/pack	price/pack
TUST-N12-1K0	for ∅ 12 mm test tubes, neutral colour	1000	
TUST-R12-1K0	for ∅ 12 mm test tubes, red colour	1000	
TUST-B12-1K0	for ∅ 12 mm test tubes, blue colour	1000	
TUST-N13-1K0	for ∅ 13 mm test tubes, neutral colour	1000	
TUST-R13-1K0	for ∅ 13 mm test tubes, red colour	1000	
TUST-B13-1K0	for ∅ 13 mm test tubes, blue colour	1000	
TUST-N16-1K0	for ∅ 16 mm test tubes, neutral colour	1000	
TUST-R16-1K0	for ∅ 16 mm test tubes, red colour	1000	
TUST-B16-1K0	for ∅ 16 mm test tubes, blue colour	1000	

astik's | **TEST TUBE STOPPER**


Made of polypropylene. For our glass test tubes references TU02, TU04 and TU05. Autoclavable

reference	type	pcs/pack	price/pack
PUST-N13-500	for ∅ 13 mm test tubes, neutral colour	500	
PUST-R13-500	for ∅ 13 mm test tubes, red colour	500	
PUST-B13-500	for ∅ 13 mm test tubes, blue colour	500	
PUST-N16-500	for ∅ 16 mm test tubes, neutral colour	500	
PUST-R16-500	for ∅ 16 mm test tubes, red colour	500	
PUST-B16-500	for ∅ 16 mm test tubes, blue colour	500	
PUST-N20-250	for ∅ 20 mm test tubes, neutral colour	250	
PUST-R20-250	for ∅ 20 mm test tubes, red colour	250	
PUST-B20-250	for ∅ 20 mm test tubes, blue colour	250	
PUST-N25-250	for ∅ 25 mm test tubes, neutral colour	250	
PUST-R25-250	for ∅ 25 mm test tubes, red colour	250	
PUST-B25-250	for ∅ 25 mm test tubes, blue colour	250	


astik's | **SCREW CAP FOR TEST TUBES**


Natural color, made of polyethylene. Offers a dual position once placed on the tube; a loose position for aerobic work or a sealed position for anaerobic cultures

reference	type	pcs/pack	price/pack
TUDP-012-1K0	for ∅ 12 mm test tubes	1000	
TUDP-017-500	for ∅ 17 mm test tubes	500	



MULTI-POSITION STOPPER FOR TEST TUBES

Made of PE. Adaptable to diameters of 10, 12, 13, and 16 mm

astik's



reference	type	pcs/pack	price/pack
TUMF-00W-1K0	clear	1000	
TUMF-00R-1K0	red	1000	
TUMF-00B-1K0	blue	1000	
TUMF-00G-1K0	green	1000	
TUMF-00Y-1K0	yellow	1000	

**FLEXIBLE STOPPER FOR TEST TUBES**

Made of PE. Flexible, it adapts to the tube's mouth. Available for Ø 13 mm or 16 mm

astik's



reference	type	pcs/pack	price/pack
TUFC-W13-1K0	for Ø 13 mm tubes, clear	1000	
TUFC-R13-1K0	for Ø 13 mm tubes, red	1000	
TUFC-B13-1K0	for Ø 13 mm tubes, blue	1000	
TUFC-G13-1K0	for Ø 13 mm tubes, green	1000	
TUFC-W16-1K0	for Ø 16 mm tubes, clear	1000	
TUFC-R16-1K0	for Ø 16 mm tubes, red	1000	
TUFC-B16-1K0	for Ø 16 mm tubes, blue	1000	
TUFC-G16-1K0	for Ø 16 mm tubes, green	1000	

**RUBBER STOPPER, SOLID**

Made of natural rubber, red

astik's

reference	Ø _{top} (mm)	Ø _{bottom} (mm)	h (mm)	for glasses with inner-Ø	pcs/pack	price/pack
STOR-009-025	9,00	6,00	16,00	7,5 ± 0,5 mm	25	
STOR-013-025	13,00	9,00	15,50	11 ± 0,5 mm	25	
STOR-014-025	14,00	11,00	18,50	12,5 ± 0,5 mm	25	
STOR-016-025	16,50	13,00	20,00	15 ± 0,5 mm	25	
STOR-019-025	19,00	14,00	21,00	16,5 ± 0,5 mm	25	
STOR-021-020	21,00	15,00	22,00	18 ± 0,5 mm	20	
STOR-022-020	22,50	17,50	23,00	20 ± 0,5 mm	20	
STOR-026-010	26,50	21,00	27,50	24 ± 0,5 mm	10	
STOR-028-010	28,00	21,50	31,00	25 ± 0,5 mm	10	
STOR-030-010	30,00	26,00	33,00	28 ± 0,5 mm	10	
STOR-032-010	32,50	28,50	32,50	30,5 ± 0,5 mm	10	
STOR-037-010	37,50	28,50	44,00	33 ± 0,5 mm	10	
STOR-041-010	41,50	32,00	42,50	37 ± 0,5 mm	10	
STOR-049-010	49,50	40,00	40,50	45 ± 0,5 mm	10	



astik's

**PERFORATED RUBBER STOPPER, SOLID**

Made of natural rubber, red

reference	\varnothing_{top} (mm)	$\varnothing_{\text{bottom}}$ (mm)	h (mm)	for glasses with inner- \varnothing	pcs/pack	price/pack
STOR-H09-025	9,00	6,00	16,00	7,5 ± 0,5 mm	25	
STOR-H13-025	13,00	9,00	15,50	11 ± 0,5 mm	25	
STOR-H14-025	14,00	11,00	18,50	12,5 ± 0,5 mm	25	
STOR-H16-025	16,50	13,00	20,00	15 ± 0,5 mm	25	
STOR-H19-025	19,00	14,00	21,00	16,5 ± 0,5 mm	25	
STOR-H21-020	21,00	15,00	22,00	18 ± 0,5 mm	20	
STOR-H22-020	22,50	17,50	23,00	20 ± 0,5 mm	20	
STOR-H26-010	26,50	21,00	27,50	24 ± 0,5 mm	10	
STOR-H28-010	28,00	21,50	31,00	25 ± 0,5 mm	10	
STOR-H30-010	30,00	26,00	33,00	28 ± 0,5 mm	10	
STOR-H32-010	32,50	28,50	32,50	30,5 ± 0,5 mm	10	
STOR-H37-010	37,50	28,50	44,00	33 ± 0,5 mm	10	
STOR-H41-010	41,50	32,00	42,50	37 ± 0,5 mm	10	
STOR-H49-010	49,50	40,00	40,50	45 ± 0,5 mm	10	



astik's

**SILICONE STOPPER, SOLID**

Made of amber silicone. Withstands temperatures from -70 °C up to +200 °C

reference	\varnothing_{top} (mm)	$\varnothing_{\text{bottom}}$ (mm)	h (mm)	for glasses with inner- \varnothing	pcs/pack	price/pack
STOS-011-025	11,10	6,35	25,40	9 ± 0,5 mm	25	
STOS-013-025	12,70	7,90	25,40	10 ± 0,5 mm	25	
STOS-015-025	15,09	10,31	25,40	13 ± 0,5 mm	25	
STOS-017-025	17,00	13,00	25,40	15 ± 0,5 mm	25	
STOS-019-025	19,00	14,27	25,40	17 ± 0,5 mm	25	
STOS-020-025	20,00	15,88	25,40	18 ± 0,5 mm	25	
STOS-024-020	24,00	18,00	30,00	21 ± 0,5 mm	20	
STOS-026-010	26,00	20,00	25,40	23 ± 0,5 mm	10	
STOS-027-010	27,00	23,00	25,40	25 ± 0,5 mm	10	
STOS-032-010	31,75	26,19	25,40	29 ± 0,5 mm	10	
STOS-037-010	36,98	30,18	25,40	34 ± 0,5 mm	10	
STOS-041-010	41,00	33,02	25,40	37 ± 0,5 mm	10	
STOS-044-010	44,45	37,31	25,40	41 ± 0,5 mm	10	
STOS-046-010	46,05	38,10	25,40	42 ± 0,5 mm	10	
STOS-052-010	52,40	44,45	25,40	48 ± 0,5 mm	10	
STOS-060-010	59,99	50,00	45,01	55 ± 0,5 mm	10	



bb

TEST TUBE DISPENSER

Made of iron with transparent front panel in acrylic material. Can hold directly test tubes boxes references TU02, TU04, TU05 and STUN

reference	type	pcs/pack	price/pack
DISP-TU1-001	for 75 mm lenght tubes	1	
DISP-TU2-001	for 100 mm lenght tubes	1	



TEST TUBE WITH LINED SCREW CAP, ROUND BOTTOM

LBG



Made of borosilicate glass. Available with black phenolic cap with silicone rubber liner or with natural colour PP cap with PTFE liner. Autoclavable

reference	capacity	∅ _{outer} (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
Phenolic cap with silicone rubber liner						
STUN-001-250	5 ml	12	75	0,8 - 1,0	250	
STUN-002-250	7 ml	13	100	0,8 - 1,0	250	
STUN-003-250	10 ml	16	100	0,8 - 1,0	250	
STUN-004-100	15 ml	16	150	0,8 - 1,0	100	
STUN-005-100	30 ml	20	150	1,0 - 1,2	100	
PP cap with PTFE liner						
STUN-T01-250	5 ml	12	75	0,8 - 1,0	250	
STUN-T02-250	7 ml	13	100	0,8 - 1,0	250	
STUN-T03-250	10 ml	16	100	0,8 - 1,0	250	
STUN-T04-100	15 ml	16	150	0,8 - 1,0	100	
STUN-T05-100	30 ml	20	150	1,0 - 1,2	100	



TEST TUBE WITH LINED SCREW CAP, FLAT BOTTOM

LBG



Made of borosilicate glass. Available with black phenolic cap with silicone rubber liner or with natural colour PP cap with PTFE liner. Autoclavable

reference	capacity	∅ _{outer} (mm)	l (mm)	thickness (mm)	pcs/pack	price/pack
Phenolic cap with silicone rubber liner						
STUN-F01-250	5 ml	12	75	0,8 - 1,0	250	
STUN-F02-250	7 ml	13	100	0,8 - 1,0	250	
STUN-F03-250	10 ml	16	100	0,8 - 1,0	250	
STUN-F04-100	15 ml	16	150	0,8 - 1,0	100	
STUN-F05-100	30 ml	20	150	1,0 - 1,2	100	
PP cap with PTFE liner						
STUN-TP1-250	5 ml	12	75	0,8 - 1,0	250	
STUN-TP2-250	7 ml	13	100	0,8 - 1,0	250	
STUN-TP3-250	10 ml	16	100	0,8 - 1,0	250	
STUN-TP4-100	15 ml	16	150	0,8 - 1,0	100	
STUN-TP5-100	30 ml	20	150	1,0 - 1,2	100	



TEST TUBE WITH SCREW CAP IN PP

astik's



Made of PP. ∅ 16 x 100 mm, with a total volume of 10 ml. Round bottom. Tubes and caps are provided in separate bags

reference	type	pcs/pack	price/pack
CLTS-010-1K0	without label	10 x 100	
CLTS-L10-1K0	with label	10 x 100	





NESSLER TUBE FOR COLOURIMETER PREMIUM LINE

Made of top quality 3.3 borosilicate glass. Class A

reference	capacity	accuracy (ml)	graduation	l (mm)	pcs/pack	price/pack
NTB3-P50-010	50 ml	± 0,4	25 / 50 ml	180	10	
NTB3-10P-010	100 ml	± 0,8	50 / 100 ml	183	10	

astik's

NESSLER TUBE RACK

Made of polypropylene. Autoclavable



reference	type	pcs/pack	price/pack
NTSP-050-001	for 50 ml Nessler tubes	1	
NTSP-100-001	for 100 ml Nessler tubes	1	

bb

CARTON FREEZER BOX FOR CENTRIFUGE TUBES

For 15 and 50 ml polypropylene graduated centrifuge tubes. Suitable for use in ultrafreezers down to -80 °C



reference	h (mm)	l (mm)	w (mm)	for containers with inner-Ø	capacity	pcs/pack	price/pack
CBOX-049-001	115	134	134	17	49 tubes	1	
CBOX-H49-001	122	150	150	17	49 tubes	1	
CBOX-016-001	122	150	150	35	16 tubes	1	

astik's

TEST TUBE PEG RACK

Made of polypropylene. Autoclavable. Blue colour. Stout and rigid. Chemically resistant. Ideal for bench work or tube storage. Design allows easy viewing of the tube contents. Can be used to dry inverted tubes. Suitable for drying glass plates used in electrophoresis and can also be used to hold and dry chromatography plates



reference	tube (mm)	matrix	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack
PRSP-013-002	13	8 x 12	64	179	127	1	
PRSP-017-002	17	5 x 10	70	187	105	1	

astik's

CENTRIFUGE TUBE, PP, WITH GRADUATION, 50 ml

Conical bottom without skirt. Sterilized by ethylene oxide. Dimensions: tube Ø29 mm, 115 mm high and cap Ø33,5 mm. Withstands RCF of 12000xg. Successfully passed 95 kPa pressure test. Autoclavable. Free sterilization certificate available on the website



reference	capacity	type	pcs/pack	price/pack
CTGP-050-050	50 ml	non-sterile	50	
CTGP-E50-050	50 ml	sterile in single package	50	
"Saving package"				
CTGP-050-500	50 ml	non-sterile	10 x 50	
CTGP-E50-500	50 ml	sterile in single package	10 x 50	



CENTRIFUGE TUBE, PP, WITH GRADUATION, 50 ml PREMIUM LINE

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000 xg. Leak proof. Graduations and labeling area: highly visible and solvent resistant. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
PTGP-050-025	50 ml	non-sterile	25	
PTGP-05R-025	50 ml	non-sterile, racked	25	
PTGP-E50-025	50 ml	sterile	25	
"Saving package"				
PTGP-050-500	50 ml	non-sterile	20 x 25	
PTGP-05R-300	50 ml	non-sterile, racked	12 x 25	
PTGP-E50-500	50 ml	sterile	20 x 25	

astik's

**CENTRIFUGE TUBE, PP, WITH GRADUATION AND SKIRT, 50 ml**

Conical bottom with skirt. Sterilized by ethylene oxide. Dimensions: tube Ø29 mm, 115 mm high and cap Ø33,5 mm. Withstands RCF of 12000 xg. Successfully passed 95 kPa pressure test. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
CTSP-050-050	50 ml	non-sterile	50	
CTSP-E50-050	50 ml	sterile in single package	50	
"Saving package"				
CTSP-050-500	50 ml	non-sterile	10 x 50	
CTSP-E50-500	50 ml	sterile in single package	10 x 50	

astik's

**CENTRIFUGE TUBE, PP, WITH GRADUATION AND SKIRT, 50 ml PREMIUM LINE**

Conical bottom with skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof. Graduations labeling area: highly visible and solvent resistant. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
PTSP-050-025	50 ml	non-sterile	25	
PTSP-E50-025	50 ml	sterile	25	
"Saving package"				
PTSP-050-500	50 ml	non-sterile	20 x 25	
PTSP-E50-500	50 ml	sterile	20 x 25	

astik's





astik's

CENTRIFUGE TUBE, PP, AMBER, 50 ml PREMIUM LINE

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof, HDPE cap. Labelling area: highly visible and solvent resistant. Amber colour and opaque, 0% light transmission between 270 – 600 nm. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
PTGP-A50-025	50 ml	non-sterile	25	
PTGP-AE5-025	50 ml	sterile	25	
"Saving package"				
PTGP-A50-500	50 ml	non-sterile	20 x 25	
PTGP-AE5-500	50 ml	sterile	20 x 25	



astik's

CENTRIFUGE TUBE, PP, WITH GRADUATION, 15 ml

Conical bottom without skirt. Sterilized by ethylene oxide. Dimensions: tube Ø17,4 mm, 120 mm high and cap Ø22 mm. Withstands RCF of 12000 xg. Successfully passed 95 kPa pressure test. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
CTGP-015-100	15 ml	non-sterile	100	
CTGP-E15-050	15 ml	sterile in single package	50	
"Saving package"				
CTGP-015-1K0	15 ml	non-sterile	10 x 100	
CTGP-E15-500	15 ml	sterile in single package	10 x 50	



astik's

CENTRIFUGE TUBE, PP, WITH GRADUATION, 15 ml PREMIUM LINE

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof. Graduations and labeling area: highly visible and solvent resistant. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
PTGP-015-025	15 ml	non-sterile	25	
PTGP-01R-050	15 ml	non-sterile in rack	50	
PTGP-E15-025	15 ml	sterile	25	
"Saving package"				
PTGP-015-500	15 ml	non-sterile	20 x 25	
PTGP-01R-500	15 ml	non-sterile in rack	10 x 50	
PTGP-E15-500	15 ml	sterile	20 x 25	



astik's

RACK FOR CENTRIFUGE TUBES, PP

For conical bottom tubes. Stackable. Freezable down to -80 °C. Marked with numbers for identification. Autoclavable.

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
CTRK-015-001	34	152	127	for 5 x 5 tubes of 15 ml	1	
CTRK-050-001	34	230	193	for 5 x 5 tubes of 50 ml	1	

CENTRIFUGE TUBE, PP, AMBER, 15 ml PREMIUM LINE

Conical bottom without skirt. Suitable for cryogenic storage at -80 °C. Certified DNase, RNase and Pyrogen free. Withstands high RCF of 16000xg. Leak proof, HDPE cap. Labelling area: highly visible and solvent resistant. Amber colour and opaque, 0% light transmission between 270 - 600 nm. Sterilized by radiation. Resealable bag. Autoclavable. Free sterilization certificate available on the website

reference	capacity	type	pcs/pack	price/pack
PTGP-A15-025	15 ml	non-sterile	25	
PTGP-AE1-025	15 ml	sterile	25	
"Saving package"				
PTGP-A15-500	15 ml	non-sterile	20 x 25	
PTGP-AE1-500	15 ml	sterile	20 x 25	

astik's

**HIGH-CAPACITY CENTRIFUGE TUBES PREMIUM LINE**

Manufactured in high-quality PP. Material free from DNase, RNase, and pyrogens, as well as non-cytotoxic. Centrifugation resistance: 7000 xg. Leak-free closure. Molded graduations for precision. Sterilized by irradiation with a SAL of 10⁻⁶ (ISO11137) and manufactured in a cleanroom of class 100,000, complying with ISO13485 and ISO9001 quality standards. Free sterilization certificate available on the website

reference	capacity	∅ x h (mm)	pcs/pack	price/pack
PTGP-25E-006	250 ml	59,5 x 159,5	6	
PTGP-50E-006	500 ml	95,7 x 146,3	6	

astik's

**CENTRIFUGE BOTTLES, PP**

Translucent bottles ideal for large-volume cell harvesting, protein purification and sampling applications. For low to moderate speed centrifugation of biological and chemical samples. Excellent chemical resistance, autoclavable

reference	capacity	∅ x h (mm)	pcs/pack	price/pack
BTSP-250-004	250 ml	61,8 x 127,7	4	
BTSP-500-004	500 ml	73,8 x 169,8	4	
BTSP-1K0-004	1000 ml	97,5 x 184,5	4	

astik's

**CENTRIFUGE TUBES RACK**

Made of stainless steel. Double wire model allows to better hold the centrifuge tubes, giving extra space between them

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
With single wire						
TTSS-E24-001	90	135	93	for 6 x 4 15 ml tubes	1	
TTSS-K24-001	90	209	143	for 6 x 4 50 ml tubes	1	
With double wire						
TTSS-Y24-001	80	170	115	for 6 x 4 15 ml tubes	1	
TTSS-Z24-001	80	220	150	for 6 x 4 50 ml tubes	1	

clink





astik's

**UNIVERSAL TEST TUBE RACK**

Made of polypropylene. In each side, different tube diameters can be held: 40 tubes \varnothing 12 mm, 20 tubes \varnothing 20 mm, 24 centrifuge tubes 15 ml or 8 centrifuge tubes 50 ml. Autoclavable

reference	description	pcs/pack	price/pack
MTSP-001-001	universal rack, blue	1	

astik's

**TEST TUBES RACK**

Made of polypropylene. Square holes. Does not float or turn over in a water bath. Can be dismantled. Autoclavable



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
TTSP-021-001	65	250	105	up to 21 tubes (\varnothing 30 mm)	1	
TTSP-024-001	65	250	105	up to 24 tubes (\varnothing 25 mm)	1	
TTSP-040-001	65	250	105	up to 40 tubes (\varnothing 20 mm)	1	
TTSP-060-001	65	250	105	up to 60 tubes (\varnothing 16 mm)	1	
TTSP-090-001	65	250	105	up to 90 tubes (\varnothing 13 mm)	1	



astik's

**ROTATIONAL MULTI RACK FOR TUBES**

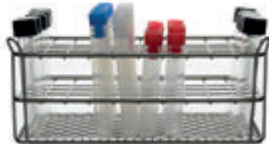
Made of polypropylene. Can be rotated to accommodate different sizes of test tubes and centrifuge tubes. 4 modules. Autoclavable

reference	type	pcs/pack	price/pack
RMRT-004-001	2 x 50 ml, 6 x 20 ml, 8 x 15 ml, 10 x 12 ml in each module	1	

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TEST TUBES RACK

Made of stainless steel



reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
TTSS-W24-001	60	86	64	for 6 x 4 tubes ($<$ \varnothing 10 mm)	1	
TTSS-A24-001	90	86	64	for 6 x 4 tubes ($<$ \varnothing 10 mm)	1	
TTSS-X50-001	60	170	86	for 10 x 5 tubes ($<$ \varnothing 12 mm)	1	
TTSS-B50-001	90	170	86	for 10 x 5 tubes ($<$ \varnothing 12 mm)	1	
TTSS-C24-001	90	110	79	for 6 x 4 tubes ($<$ \varnothing 14 mm)	1	
TTSS-D24-001	90	125	90	for 6 x 4 tubes ($<$ \varnothing 16 mm)	1	
TTSS-D50-001	90	200	105	for 10 x 5 tubes ($<$ \varnothing 16 mm)	1	
TTSS-E24-001	90	135	93	for 6 x 4 tubes ($<$ \varnothing 18 mm)	1	
TTSS-E50-001	90	220	116	for 10 x 5 tubes ($<$ \varnothing 18 mm)	1	
TTSS-F24-001	90	145	105	for 6 x 4 tubes ($<$ \varnothing 20 mm)	1	
TTSS-F50-001	90	238	125	for 10 x 5 tubes ($<$ \varnothing 20 mm)	1	
TTSS-G24-001	90	161	113	for 6 x 4 tubes ($<$ \varnothing 22 mm)	1	
TTSS-K24-001	90	209	143	for 6 x 4 tubes ($<$ \varnothing 16 mm)	1	

TEST TUBES RACK, Z SHAPE

Made of aluminum

reference	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
TTZS-012-001	64	168	90	for 5 x 10 tubes up to \varnothing 12 mm	1	
TTZS-014-001	64	200	107	for 5 x 10 tubes up to \varnothing 14 mm	1	
TTZS-017-001	64	225	120	for 5 x 10 tubes up to \varnothing 16 mm	1	

clink

**CENTRIFUGE MACROTUBES**

Macro tubes for centrifuge made of PP. Round bottom and flat lid. Withstands RCF of 15000xg. Autoclavable

reference	\varnothing x h (mm)	type	pcs/pack	price/pack
PCRD-050-200	13 x 50	5 ml, graduated	200	
PCRD-070-200	14,5 x 60	7 ml, not graduated	200	
PCRD-100-200	16 x 80	10 ml, graduated	200	

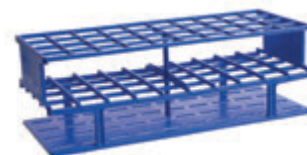
astik's

**TEST TUBE RACK PREMIUM LINE**

Made of reinforced nylon. Molded in a single piece for exceptional strength and durability. Stackable. With alphanumeric marking on the top. End plates accept large labels for easy identification of samples. Does not float or turn over in a water bath. Good chemical resistance. Available in various attractive colours to help keep samples organized. No assembly is required; rack is ready to use Autoclavable

reference	l (mm)	w (mm)	h (mm)	colour	type	pcs/pack	price/pack
TTSN-W13-001	200	102	57	white	up to 6 x 12 tubes (\varnothing 13 mm)	1	
TTSN-W16-001	248	127	70	white	up to 6 x 12 tubes (\varnothing 16 mm)	1	
TTSN-W20-001	250	102	83	white	up to 4 x 10 tubes (\varnothing 20 mm)	1	
TTSN-W25-001	300	121	92	white	up to 4 x 10 tubes (\varnothing 25 mm)	1	
TTSN-W30-001	283	108	85	white	up to 3 x 8 tubes (\varnothing 30 mm)	1	
TTSN-N13-001	200	102	57	orange	up to 6 x 12 tubes (\varnothing 13 mm)	1	
TTSN-N16-001	248	127	70	orange	up to 6 x 12 tubes (\varnothing 16 mm)	1	
TTSN-N20-001	250	102	83	orange	up to 4 x 10 tubes (\varnothing 20 mm)	1	
TTSN-N25-001	300	121	92	orange	up to 4 x 10 tubes (\varnothing 25 mm)	1	
TTSN-N30-001	283	108	85	orange	up to 3 x 8 tubes (\varnothing 30 mm)	1	
TTSN-B13-001	200	102	57	blue	up to 6 x 12 tubes (\varnothing 13 mm)	1	
TTSN-B16-001	248	127	70	blue	up to 6 x 12 tubes (\varnothing 16 mm)	1	
TTSN-B20-001	250	102	83	blue	up to 4 x 10 tubes (\varnothing 20 mm)	1	
TTSN-B25-001	300	121	92	blue	up to 4 x 10 tubes (\varnothing 25 mm)	1	
TTSN-B30-001	283	108	85	blue	up to 3 x 8 tubes (\varnothing 30 mm)	1	
TTSN-Y13-001	200	102	57	yellow	up to 6 x 12 tubes (\varnothing 13 mm)	1	
TTSN-Y16-001	248	127	70	yellow	up to 6 x 12 tubes (\varnothing 16 mm)	1	
TTSN-Y20-001	250	102	83	yellow	up to 4 x 10 tubes (\varnothing 20 mm)	1	
TTSN-Y25-001	300	121	92	yellow	up to 4 x 10 tubes (\varnothing 25 mm)	1	
TTSN-Y30-001	283	108	85	yellow	up to 3 x 8 tubes (\varnothing 30 mm)	1	

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astik's | **MICROCENTRIFUGE TUBE, GRADUATED, DNase AND RNase FREE PREMIUM LINE**

Made of polypropylene. Graduated. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Its shape and material quality allows an exceptionally high centrifugation resistance: 25000 g in fixed angle rotor centrifuges and 70000 g in oscillating rotor centrifuges. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRD-015-500	1,5 ml	Eppendorf type, neutral colour, flat lid	500	
PCRD-020-500	2,0 ml	round bottom, neutral colour, flat lid	500	

astik's | **MICROCENTRIFUGE TUBE, GRADUATED, WITH SAFE-LOCK**

Made of polypropylene. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRP-005-1K0	0,5 ml	Eppendorf type, natural, flat lid	1000	
PCRP-015-500	1,5 ml	Eppendorf type, natural, flat lid	500	
"Saving package"				
PCRP-005-10K	0,5 ml	Eppendorf type, natural, flat lid	10 x 1000	
PCRP-015-5K0	1,5 ml	Eppendorf type, natural, flat lid	10 x 500	

astik's | **MICROCENTRIFUGE TUBE, GRADUATED, WITH SAFE-LOCK, COLOURED**

Made of polypropylene. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRP-Y15-500	1,5 ml	Eppendorf type, yellow, flat lid	500	
PCRP-P15-500	1,5 ml	Eppendorf type, pink, flat lid	500	
PCRP-B15-500	1,5 ml	Eppendorf type, blue, flat lid	500	
PCRP-G15-500	1,5 ml	Eppendorf type, green, flat lid	500	

astik's | **MICROCENTRIFUGE TUBE, AMBER, DNase AND RNase FREE PREMIUM LINE**

Made of polypropylene. Graduated. Human DNA free and certified DNase, RNase and PCR-inhibitors free. Amber colour and opaque, 0% light transmission between 270 – 600 nm. Withstands high RCF of 20000 g. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRD-A05-1K0	0,5 ml	Eppendorf type, amber, flat lid	1000	
PCRD-A15-500	1,5 ml	Eppendorf type, amber, flat lid	500	
PCRD-A20-500	2,0 ml	round bottom, amber, flat lid	500	

astik's | **MICROCENTRIFUGE TUBE, GRADUATED, ROUND BOTTOM**

Made of polypropylene. Øext: 10 mm. With safe-lock. Withstands RCF of 10000xg. Autoclavable

reference	capacity	type	pcs/pack	price/pack
PCRP-020-500	2 ml	natural colour, flat lid	500	
"Saving package"				
PCRP-020-10K	2 ml	natural colour, flat lid	20 x 500	

MICRO PESTLE FOR MICROTUBES

Made of polypropylene. One end is for breaking up solids in 1.5 ml microtubes, and the other end to be used in 0.5 ml microtubes. Autoclavable

astik's



reference	l (mm)	type	pcs/pack	price/pack
MPSP-001-001	73	for 0.5 and 1.5 ml microtubes	1	

FLOATING RACK FOR MICROTUBES

Made of polypropylene. To heat or cool microtubes in a waterbath and avoid them to sink. Stackable and with an alphanumeric identification of each position. Autoclavable

astik's



reference	type	pcs/pack	price/pack
FLRP-001-001	for 16 microtubes 1.5 ml	1	

RACK FOR 1,5 ML MICROTUBES

Made of polypropylene. Stackable and with an alphanumeric identification of each position. Autoclavable

astik's

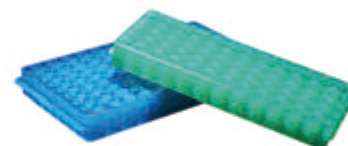


reference	type	pcs/pack	price/pack
MCRP-100-001	for 100 microtubes 1.5 ml	1	

OVERTURNABLE PCR 0.5 ML AND 1.5/2 ml MICROTUBE RACK

Made of polypropylene. One side fits 0.5 ml tubes and the other side fits 1.5/2 ml tubes. Autoclavable

astik's



reference	type	pcs/pack	price/pack
PCPP-O60-001	up to 60 tubes (5 x 12). Orange colour	1	
PCPP-B60-001	up to 60 tubes (5 x 12). Blue colour	1	
PCPP-G60-001	up to 60 tubes (5 x 12)l. Green colour	1	
PCPP-R60-001	up to 60 tubes (5 x 12)l. Red colour	1	
PCPP-O96-001	up to 96 tubes (8 x 12). Orange colour	1	
PCPP-B96-001	up to 96 tubes (8 x 12). Blue colour	1	
PCPP-G96-001	up to 96 tubes (8 x 12)l. Green colour	1	
PCPP-R96-001	up to 96 tubes (8 x 12)l. Red colour	1	

MICROTUBE RACK, STAINLESS STEEL

For Eppendorf 1.5 ml microtubes

clink



reference	type	pcs/pack	price/pack
TTSS-N25-001	for 5 x 5 microtubes (1.5 ml)	1	
TTSS-N50-001	for 10 x 5 microtubes (1.5 ml)	1	



MULTI-PURPOSE CLINICAL CENTRIFUGE, DM0636



Multi-purpose clinical centrifuge ideal for the centrifugation of samples in clinical, chemistry, cytology, research and industrial laboratories. Speed can be set from 300 rpm to 6000 rpm/4300xg. Speed accuracy: ± 20 rpm. Allows working with oscillating and fixed angle rotors and in continuous mode or with a timer that can be set up to 99 min. Automatic rotor identification. Up to 9 programmes can be stored. Fast acceleration and deceleration (Acceleration: 9 seg / Braking: 10 seg) to ensure optimal separation. Maintenance-free brushless DC motor. Sound-alert function. Door interlock, over speed detector, automatic internal diagnosis. Dimensions: 445 x 579 x 269 mm. **A stainless-steel swing-out rotor with 4 positions (CCEN-A10-001) and supports and adapters for 100 ml, 85 ml, 50 ml, 15 ml and 3-7 ml tubes (CCEN-A11-004) are included.** The CCEN-A10-001 rotor can be combined with the A11, A12, A13 and A14 supports and adapters in the table below. Rotors A15-A21 do not require supports or adapters. 100-240 V / 50-60 Hz. Warranty 2 years



reference	description	pcs/pack	price/pack
CCEN-6K0-001	clinical centrifuge DLAB DM0636	1	
Spare parts			
CCEN-A10-001	stainless steel swing-out rotor, 4 positions (order supports/adaptors separately)	1	
CCEN-A11-004	100, 85, 50, 15 and 3-7 ml supports with adaptors	4	
CCEN-A12-004	supports with adaptors for 8 tubes of 50 ml	4	
CCEN-A13-004	supports with adaptors for 16 tubes of 10-15 ml	4	
CCEN-A14-004	supports with adaptors for 36 tubes of 3-7 ml	4	
CCEN-A15-001	fix angle aluminum rotor for 30 x 15 ml tubes	1	
CCEN-A16-001	fix angle aluminum rotor for 6 x 50 ml tubes	1	
CCEN-A17-001	fix angle aluminum rotor for 12 x PCR8 Trips	1	
CCEN-A18-001	fix angle aluminum rotor for 30 x 2 ml tubes	1	
CCEN-A19-001	fix angle aluminum rotor for 60 x 2 ml tubes	1	
CCEN-A20-001	fix angle aluminum rotor for 18 x 5 ml tubes	1	
CCEN-A21-001	fix angle aluminum rotor for 8 x 50 ml tubes or 16 x 15 ml tubes	1	



THE IMPORTANCE OF BALANCING YOUR CENTRIFUGE ROTOR

It is crucial that the weight on the rotor is balanced evenly with respect to the axis of rotation. If the rotor is not balanced, at a higher speed the centrifuge will make more noise and generate vibrations, which can lead to poor centrifugation or even equipment breakage. To achieve a good balance, always place the tubes facing each other, placing a tube of the same dimensions and the same weight (sample quantity) on the opposite side.



CCEN-A14-004



CCEN-A13-004



CCEN-A12-004



CCEN-A11-004

bucket	x 4										
tube	x 36		x 16			x 8	x 4	x 4	x 4	x 8	x 20
Nominal volume	3-7mL		10mL	12mL	15mL	50mL	100mL	85mL	50mL	15mL	3-7mL
φ×L mm	13×75	13×100	15×100	17×105	17×120	29.5×100	38×108	38×104	29.5×100	17×120 13×100 13×75	13×100 13×75
tube											
adapter	with plug										
Package	36						4		4	8	4
Tubes per rotor	36	36	16	16	16	8	4	4	4	8	20
Radius(mm)	14	16.5	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.1	14.7
Max RCF (g-force)	2500	2950	2840	2840	2840	2840	2840	2840	2840	2700	2630



WARRANTY AND TECHNICAL SERVICE

The warranty period is mentioned for each product in this catalogue. This period is of minimum 1 year and for some items up to 5 years. For further information, please feel free to contact your local distributor or our Customer Service.

lbx | MINI CENTRIFUGE, MC7000



Ideal for quick spin downs and micro filtration. 2 lid colors. Fixed speed 7000 rpm (2680xg). 2 rotors delivered with the stirrer: 8 x 2 ml/1.5 ml tube and 16 x 0.2 ml PCR tube. Noise level ≤ 45 dB. The centrifuge can be started and stopped by closing and opening the lid. 200-240 V / 50-60 Hz. Warranty 2 years



reference	description	pcs/pack	price/pack
MCEN-00B-001	mini centrifuge LBX MC7000 series, blue lid	1	
MCEN-00G-001	mini centrifuge LBX MC7000 series, green lid	1	
Accessories and spare parts			
MCEN-A01-001	plastic rotor, 7000 rpm, 2 ml/1.5 ml x 8	1	
MCEN-A02-001	plastic rotor, 7000 rpm, PCR8 x 2	1	
MCEN-A03-008	2 ml to 0.2 ml rotor adapter, used with MCEN-A01-001	8	
MCEN-A04-008	2 ml to 0.5 ml rotor adapter, used with MCEN-A01-001	8	



HIGH-SPEED MINI CENTRIFUGE, MC10K



This centrifuge is well-suited for rapid spins, microfiltration of samples, cell separations, and numerous other routine laboratory tasks. Speed range of 2,000 - 10,000 RPM (in 1,000 RPM increments). It is designed to accommodate 12 tubes of 0.5/1.5/2.0 ml, 44 tubes of 0.2 ml, or 4 strips of 8 tubes of 0.2 ml. It achieves a maximum RCF of 6,708 x g for 0.5/1.5/2.0 ml tubes and 6,596-7,490 x g for PCR strips. The noise level is less than 58 dB. It features rapid acceleration and braking (acceleration time: 1 sec / braking time: 2 sec) and is powered by a brushless DC motor, ensuring quick and effortless rotor acceleration to the set speed. The timer can be set from 10 seconds to a maximum of 20 minutes. External dimensions (mm): 130 x 180 x 210. It operates on 100-240 V / 50-60 Hz. 2-year warranty



reference	description	pcs/pack	price/pack
MCEN-10K-001	mini centrifuge LBX MC10K	1	



HIGH SPEED MINI CENTRIFUGE, MC15K



High Speed Micro centrifuge is ideal for biochemical and chemical analysis of microsamples, sedimentation of biological components, etc. Powerful centrifugal force (R.C.F): 15100 xg (increment: 100 xg) and Max. speed (R.P.M): 15000 (increment: 100 rpm). Speed Accuracy: ± 20 rpm. The rotor included with the centrifuge (MCEN-A05-001) is designed for a capacity of 12 x 1.5/2.0 ml tubes or 12 x smaller 0.2 ml and 0.5 ml tubes through use of adapters (not included). High strength plastic rotor with CE mark. Low noise ≤ 54 dB. Delivers fast acceleration and deceleration (Acceleration: 11 seg / Breaking time: 9 seg). Brushless DC motor accelerates quickly and effortlessly the rotor to the set speed. Operation can be timed from 30 seconds to 99 minutes or continuous running ('HOLD' position). Sound-alert function. There is also door interlock, over speed detection, over-temperature detection and automatic internal diagnosis. External dimensions: 140 x 255 x 245 mm. 110-240 V / 50-60 Hz. Warranty 2 years



reference	description	pcs/pack	price/pack
MCEN-15K-001	mini centrifuge LBX MC15K series	1	
Spare parts			
MCEN-A05-001	Plastic rotor kit with lid, fixing clips and O-ring, 15000 rpm, 12 x 1,5ml/2ml	1	
MCEN-A06-024	2ml to 0.2 ml rotor adapter	24	
MCEN-A07-024	2ml to 0.5 ml rotor adapter	24	



CLINICAL CENTRIFUGE, DM0412

Clinical centrifuge applications with small sample volumes in clinical, industrial and research laboratories. Easy to program and operate to achieve high accuracy with speed control. Rotor speed can be set and concisely displayed by RPM or G-force from 300 rpm to a max. of 4500 rpm/2490xg (increment: 100 rpm). Speed accuracy: ± 20 rpm. The rotor included with the centrifuge (CCEN-A01-001) is designed and suitable for use with tubes from 1,5 ml vacutainers to 15 ml conical tubes, using the included adapters and inserts.

The following configurations are possible:

- > 8 x 15ml conical tubes ($\varnothing 17 \times L120$ mm) - No adapters required
- > 12 x 1,5-5ml vacutainers ($\varnothing 13 \times L82$ mm) - 1 x CCEN-A02-012 and 1 x CCEN-A03-012 required per tube
- > 12 x 4-7 ml vacutainers ($\varnothing 13 \times L106$ mm) - 1 x CCEN-A02-012 required per tube
- > 12 x 4-7 ml vacutainers ($\varnothing 16 \times L75$ mm) - No adapters required
- > 12 x 8,5-10 ml vacutainers ($\varnothing 15 \times L107$ mm) - No adapters required
- > 12 x 2,7-3 ml collection tubes ($\varnothing 11 \times L66$ mm) - 1 x CCEN-A02-012 and 1 x CCEN-A03-012 required per tube
- > 12 x 7,5-8,2 ml collection tubes ($\varnothing 15 \times L92$ mm) - 1 x CCEN-A02-012 required per tube

Delivers fast acceleration and deceleration (Acceleration: 20 seg / Breaking time: 20 seg). Maintenance-free brushless motor. Pressing and holding PULSE key for quick spin function. Operation can be timed from 30 seconds to 99 minutes or continuous running ('HOLD' position). High strength plastic rotor with CE mark. Sound-alert function. Door interlock, over speed detector, automatic internal diagnosis.

Dimensions: 245 x 255 x 140 mm. 100-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack
CCEN-4K5-001	clinical centrifuge DLAB, DM0412 series	1	
Spare parts			
CCEN-A01-001	plastic rotor, 4500 rpm, tubes up to 8 x 15 ml or 12 x 10 ml	1	
CCEN-A02-012	rotor adapter used with CCEN-A01-001	12	
CCEN-A03-012	rotor adapter insert for the CCEN-A02-012	12	

DLAB



HAEMATOCRIT CENTRIFUGE, DM1424

Used for the determination of erythrocyte fractions in blood, as well as for micro solution separations. It provides haematocrit values (HCT) for biochemistry, immunity, genetics, blood separation and general clinical tests for diagnostic purposes. The rotor speed can be set from 200 rpm to a maximum of 12000 rpm /13680xg. Speed accuracy: ± 20 rpm. High-strength aluminium rotor with capacity for 24 capillary tubes. It allows to work continuously or to set the timer from 30 seconds to a maximum of 99 minutes. Fast acceleration and braking (acceleration time: 30 sec / braking time: 30 sec). Maintenance-free brushless motor. Sound alarm function. It also has a lid lock, detection in case of overspeed and detection in case of excess temperature. Dimensions: 364 x 280 x 2274 mm. 200-240 V / 50-60 Hz. Warranty 2 years

reference	description	pcs/pack	price/pack
HMSC-12H-001	haematocrit centrifuge DLAB DM1424	1	

DLAB



LBX | LOW SPEED MINI CENTRIFUGE, MC5000



Ideal for analysis of samples such as blood and urine. Relative Centrifugal Force (R.C.F.): 2350 xg (increment: 10 xg) and maximum speed (R.P.M.): 5000 (increment: 20 rpm). Speed accuracy: ± 20 rpm. The rotor is designed for a capacity of 6 tubes of 15 / 10 / 7 / 5 ml or 6 tubes of 1,5 / 2 ml (adapters included). Able to store two programs and two deceleration speeds according to requirements. Brushless DC motor quickly and effortlessly accelerates the rotor to the set speed. The timer can be set from 30 seconds to a maximum of 99 minutes. Sound-alert function. There is also door interlock, over speed detection, over-temperature detection and automatic internal diagnosis. External dimensions : 300 x 240 x 180 mm. 110-240 V / 50-60 Hz. Warranty 2 years



reference	description	pcs/pack	price/pack
MCEN-L05-001	low speed mini centrifuge, LBX MC5000	1	
Spare parts			
MCEN-A08-024	5 ml rotor adapter	1	
MCEN-A09-024	1,5 / 2 ml rotor adapter	1	

DLAB | HIGH SPEED MICRO CENTRIFUGE, D3024



High Speed Micro centrifuge is ideal for biochemical and chemical analysis of microsamples, sedimentation of biological components, etc. Special multi-flow air cooling design with patent ensures fast cooling of the rotor and low energy consumption. Speed can be set from 200 rpm to a max. of 15000 rpm/21380xg. Speed accuracy: ± 10 rpm. Unique temperature display, appropriate for gentle handling of sensitive samples. Bio-safe rotor/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination. High strength aluminum allow rotor can be fully autoclaved for unlimited lifespan. 5 rotors and adapters are optional and suitable for frequently used capacities: 24 tubes for 0,2 ml to 2,0 ml, and 18 tubes of 5,0 ml. The rotor included with the centrifuge (HSMC-A01-001) is designed for a capacity of 24 x 1.5/2.0 ml tubes. Quiet running, noise level ≤ 54 dB. Operation can be timed from 30 seconds to 99 minutes or continuous running. Delivers fast acceleration and deceleration (Acceleration: 25 seg / Breaking time: 25 seg). Maintenance-free brushless DC motor. Sound-alert function. Door interlock, over speed detection and over-temperature detection. Dimensions: 280 x 364 x 266 mm. 100-240 V / 50-60 Hz. Warranty 2 years



reference	description	pcs/pack	price/pack
HSMC-15K-001	high speed micro centrifuge DLAB D3024 series	1	



The goal of the centrifugation is often to separate the solution components according to their density. The densest component will end up at the bottom of the tube while the less dense part would remain at the top. Usually, we call these parts or phases supernatant (top) and precipitate (it may be solid or liquid).

The supernatant is normally free of precipitate and has a lower density. On the other hand, when the residue at the bottom is solid, it is then called pellet.

Depending on the nature of the assay it may be necessary to recover the supernatant, usually by pipetting or decanting, or the pellet which you recover by removing the supernatant.



HIGH SPEED REFRIGERATED MICRO CENTRIFUGE, D1524R

High Speed Micro centrifuge is ideal for biochemical and chemical analysis of microsamples, sedimentation of biological components, etc. Special multi-flow air cooling design with patent ensures fast cooling of the rotor and low energy consumption. Speed can be set from 200 rpm to a max. of 15000 rpm/21380xg. Speed accuracy: ± 10 rpm. Unique temperature display, appropriate for gentle handling of sensitive samples. Bio-safe rotor/anti-sample overflow prevents accidental leakage in centrifugal process allowing risk-free microbial contamination. Pre-cooling system, the compressor will cool automatically as soon as the set temperature is lower than the room temperature. Temperature range -20 to 40 °C. High strength aluminum alloy rotor can be fully autoclaved for unlimited lifespan. 5 rotors and adapters are optional and suitable for frequently used capacities: 24 tubes for 0,2 ml to 2,0 ml, and 18 tubes of 5,0 ml. The rotor included with the centrifuge (HSMC-A01-001) is designed for a capacity of 24 x 1.5/2.0 ml tubes. Quiet running, noise level ≤ 54 dB. Operation can be timed from 30 seconds to 99 minutes or continuous running. Delivers fast acceleration and deceleration (Acceleration: 25 seg / Breaking time: 25 seg). Maintenance-free brushless DC motor. Sound-alert function. Door interlock, over speed detection and over-temperature detection. Dimensions: 280 x 364 x 266 mm. 100-240 V / 50-60 Hz. Warranty 2 years

DLAB



reference	description	pcs/pack	price/pack
HSMC-15R-001	refrigerated micro centrifuge DLAB, D1524R series	1	

ACCESSORIES FOR HIGH SPEED MICROCENTRIFUGES

Fixed angle rotors and adapters of different sizes for the HSMC-15K-001 and HSMC-15R-001 high speed microcentrifuges

DLAB



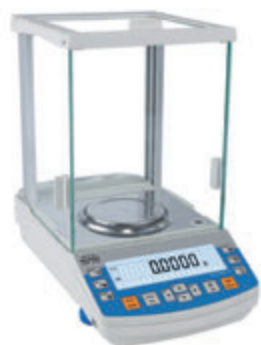
reference	description	pcs/pack	price/pack
HSMC-A01-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 24 x 2 ml/1,5 ml	1	
HSMC-A02-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 18 x 5 ml	1	
HSMC-A03-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 12 x 5 ml eppendorf tube	1	
HSMC-A04-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 36 x 0,5 ml	1	
HSMC-A05-001	aluminum alloy rotor kit with lid, fixing clips and O'ring, 4 x PCR8	1	
HSMC-A08-024	2ml to 0.2 ml rotor adapter	24	
HSMC-A07-024	2ml to 0.5 ml rotor adapter	24	
HSMC-A06-036	0,5 ml to 0,2 ml rotor adapter, used with HSMC-A04-001	36	





"ANALYTICAL AND SEMIMICRO BALANCE, AS PLUS

Analytical balances series AS are in the standard-high segment. The best value for money and features available. Applications: parts counting, specific density, %, below balance weighing, check weighing, GLP procedures, data bases of: users, products, weighments, etc. ALIBI memory. Spacious weighing chamber with easy mounting system and antistatic coating option (for scales with an accuracy of 0.01 mg), level indicator. Backlit LCD display. Communication interface: RS-232, 2x USB-A (rear and side), 1 x USB-C (rear), Kensington™ connector and WI-FI optional. 2 versions available: external calibration and internal calibration. External dimensions (L x H x W): 351 x 205,5 x 348 mm. The scale is delivered with an instruction manual, warranty letter, CD with user manual, drivers for connection to a PC and a Quality Test Report. Optional: factory calibration certificate (BAAC-RC2-001) must be ordered together with the scale. Warranty 2 years. 100-240 V / 50-60 Hz. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack
With external calibration					
BASP-22E-001	220 g	0,0001 g	Ø 100 mm	1	
With internal calibration					
BASP-221-001	60/220 g	0,01/0,1 mg	Ø 90 mm	1	
BASP-220-001	220 g	0,0001 g	Ø 100 mm	1	
BASP-310-001	310 g	0,0001 g	Ø 100 mm	1	



ANALYTICAL BALANCE, PLUS

Metria analytical balances offer excellent stability and sensitivity. Applications : weighing, piece counting, animal/dynamic weighing, density determination, unit conversion. RS-232C and USB interface. Weighing in: g, mg, ct and oz. Backlit LCD display. Large antistatic glass chamber and stainless steel weighing pan with automatic overload protection system. Tweezers and glove for weight handling are included. Two versions available: external calibration and internal calibration. Dimensions of the balance (L x W x H): 350 x 212 x 322 mm. 100-240 V / 50-60 Hz. Warranty 1 year



reference	capacity	readability	pan size	pcs/pack	price/pack
With external calibration					
BAMP-22E-001	220 g	0,0001 g	Ø 90 mm	1	
With internal calibration					
BAMP-220-001	220 g	0,0001 g	Ø 90 mm	1	



ANTI-STATIC WEIGHING BRUSH

Made of ABS. Synthetic hair



reference	L (mm)	type	pcs/pack	price/pack
WBAS-001-001	110	anti-static	1	

“MOISTURE BALANCE, PMB

Zero adjust facility to enable zero reading. Built-in memories for storing products and settings. 3 settings for heating sample fast ramp up, step and standard Automatic test start setting for when the lid is closed. Quick and easy to configure through the keypad. Large backlit display with dual text prompts and capacity tracker. Large stainless steel pan with lifter to easily remove samples. Lock down mounting slot for Kensington™ type lock and cable. Overload protection RS-232 and USB interface. GLP print outs. Calibration facilities for temperature and weight. External dimensions 250 x 360 x 185 mm. The device is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the device. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BPMB-050-001	50 g	0,001 g / 0.01%	Ø 90 mm	1	
BPMB-160-001	160 g	0,001 g / 0.01%	Ø 90 mm	1	
BPMB-200-001	200 g	0,01 g / 0.05%	Ø 90 mm	1	
Accessories and spare parts					
WPAL-093-100		aluminium pans Ø 93 mm		100	

ADAM

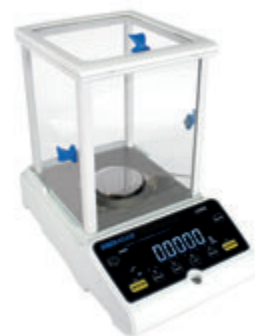


“ANALYTICAL BALANCE, LUNA

Applications: weighing, percentage weighing, parts counting, animal/dynamic weighing, density determination, control weighing. USB and RS-232 interfaces. Backlit LCD display. Weighing units: g, mg, ct, GN, N, dr, oz, dwt, mm, tl.T, tl.H, tl.S, T and one custom unit. GLP print outs (when using the optional printer). Robust ABS housing and stainless steel pan. Draught shield 192 x 195 x 230 mm. External dimensions 224 x 374 x 338 mm. 200-240 V / 50-60 Hz. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
With external calibration					
BALU-08E-001	80 g	0,0001 g	Ø 80 mm	1	
BALU-12E-001	120 g	0,0001 g	Ø 80 mm	1	
BALU-21E-001	210 g	0,0001 g	Ø 80 mm	1	
BALU-25E-001	250 g	0,0001 g	Ø 80 mm	1	
With internal calibration					
BALU-080-001	80 g	0,0001 g	Ø 80 mm	1	
BALU-120-001	120 g	0,0001 g	Ø 80 mm	1	
BALU-210-001	210 g	0,0001 g	Ø 80 mm	1	
BALU-250-001	250 g	0,0001 g	Ø 80 mm	1	

ADAM



BALANCE SPOON

Made of 18/8 SS, with rounded edges. To transfer small quantities of material accurately. Autoclavable

reference	L (mm)	pcs/pack	price/pack
SPBA-170-003	170	3	

clink





“PRECISION BALANCE, PS

Applications: parts counting, specific density, %, below balance weighing, check weighing, GLP procedures, data bases of: users, products, weighments, etc. ALIBI memory. Backlit LCD display. The housing is made of plastic, and the pan is made of stainless steel. Includes: removable draft shield (on models with 128 x 128 mm pan only). Communication interface: RS-232, 2x USB and WI-FI optional. 2 versions available: external calibration and internal calibration. External dimensions (L x H x W): 333 x 206 x 100 mm. The scale is delivered with an instruction manual, warranty letter, CD with user manual, drivers for connection to a PC and a Quality Test Report. Optional: factory calibration certificate (BAAC-RC3-001) must be ordered together with the scale. 100-240 V / 50-60 Hz. Warranty 2 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack
With external calibration					
BPSC-60E-001	600 g	0,001 g	128 x 128 mm	1	
BPSC-75E-001	750 g	0,001 g	128 x 128 mm	1	
BPSC-1E0-001	1000 g	0,001 g	128 x 128 mm	1	
BPSC-2E0-001	200 / 2000 g	0,001 / 0,01 g	128 x 128 mm	1	
BPSC-3E5-001	3500 g	0,01 g	195 x 195 mm	1	
BPSC-4E5-001	4500 g	0,01 g	195 x 195 mm	1	
BPSC-6E0-001	6100 g	0,01 g	195 x 195 mm	1	
With internal calibration					
BPSC-210-001	210 g	0,001 g	128 x 128 mm	1	
BPSC-360-001	360 g	0,001 g	128 x 128 mm	1	
BPSC-600-001	600 g	0,001 g	128 x 128 mm	1	
BPSC-750-001	750 g	0,001 g	128 x 128 mm	1	
BPSC-1K0-001	1000 g	0,001 g	128 x 128 mm	1	
BPSC-2K0-001	200 / 2000 g	0,001 / 0,01 g	128 x 128 mm	1	
BPSC-2K1-001	2100 g	0,01 g	195 x 195 mm	1	
BPSC-3K5-001	3500 g	0,01 g	195 x 195 mm	1	
BPSC-4K5-001	4500 g	0,01 g	195 x 195 mm	1	
BPSC-6K0-001	6100 g	0,01 g	195 x 195 mm	1	



PRECISION BALANCE, YPZ

Applications: check weighing, piece counting. LCD display. Robust plastic body and stainless steel pan. High precision load cell sensor. Clear windshell (174 x 135 x 84 mm). Adjustable height feet. Overload protection. Selectable measurement units. Bubble level for correct position adjustment. External calibration. 120-240 V. Warranty 1 year



reference	capacity	readability	pan size	calibration weight	pcs/pack	price/pack
BYPZ-300-001	300 g	0,001 g	Ø 90 mm	200 g (included)	1	

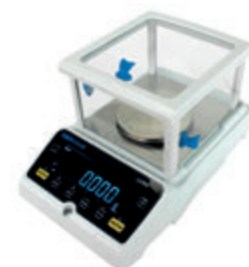
ADAM



“PRECISION BALANCE, LUNA

Applications: weighing, percentage weighing, parts counting, animal/dynamic weighing, density determination. USB and RS-232 interfaces. Backlit LCD display. GLP print outs (when using the optional printer). Weighing units: g, mg, ct, GN, oz, ozt, dwt and one custom unit. Robust ABS housing and stainless steel pan. Plastic draught shield (on models with 120 mm pan only). External dimensions 224 x 374 x 219 mm (models with pan size 120 mm), 220 x 374 x 95 mm (other models). The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
With external calibration					
BLNA-22E-001	220 g	0,001 g	Ø 120 mm	1	
BLNA-42E-001	420 g	0,001 g	Ø 120 mm	1	
BLNA-62E-001	620 g	0,001 g	Ø 120 mm	1	
BLNA-82E-001	820 g	0,001 g	Ø 120 mm	1	
BLNA-2E6-001	2600 g	0,01 g	185 x 185 mm	1	
BLNA-3E6-001	3600 g	0,01 g	185 x 185 mm	1	
BLNA-4E6-001	4600 g	0,01 g	185 x 185 mm	1	
BLNA-6E0-001	6000 g	0,01 g	185 x 185 mm	1	
BLNA-6E1-001	6000 g	0,1 g	185 x 185 mm	1	
BLNA-8E0-001	8000 g	0,1 g	185 x 185 mm	1	
BLNA-12E-001	12000 g	0,1 g	185 x 185 mm	1	
BLNA-15E-001	15000 g	0,1 g	185 x 185 mm	1	
With internal calibration					
BLNA-220-001	220 g	0,001 g	Ø 120 mm	1	
BLNA-420-001	420 g	0,001 g	Ø 120 mm	1	
BLNA-620-001	620 g	0,001 g	Ø 120 mm	1	
BLNA-820-001	820 g	0,001 g	Ø 120 mm	1	
BLNA-2K6-001	2600 g	0,01 g	185 x 185 mm	1	
BLNA-3K6-001	3600 g	0,01 g	185 x 185 mm	1	
BLNA-4K6-001	4600 g	0,01 g	185 x 185 mm	1	
BLNA-6K0-001	6000 g	0,01 g	185 x 185 mm	1	



i EC TYPE APPROVAL SCALES AND THE CE M24 STICKER

According to the EU 2014/31/UE and 2009/23/CE directives, balances and scales used in the areas of commerce, health and public administration must be verified. The applications requiring the mandatory use of EC type approval instruments are specified in article 1.2(a) of the Directive and are:

- Determination of mass for commercial transactions
- Determination of mass for the calculation of a toll, tariff, tax, bonus, penalty or similar type of payment
- Determination of mass for the application of laws or regulations and expert opinion given in court proceedings
- Determination of mass in the practice of medicine for the weighing of patients for the purpose of monitoring, diagnosis and medical treatment
- Determination of mass for making up medicines on prescription in a pharmacy and determination of mass in analyses carried out in medical and pharmaceutical laboratories
- Determination of price on the basis of the mass for the purpose of direct sales to the public and the making-up of pre-packages

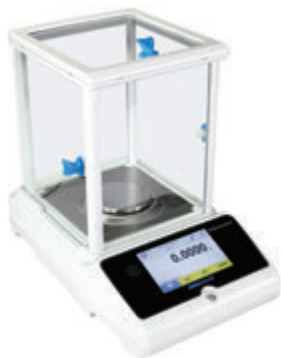
Balances and scales for which CE conformity has been established according to the above mentioned Directives are identified by a sticker bearing a capital letter 'M' printed in black and the last two digits of the year of the marking placement



"PRECISION BALANCE, EQUINOX



Ideal for research and quality assurance facilities, science education, precision counting and general laboratory tasks. Applications: check weighing, density, statistics, formulation/recipe, textile, parts counting, percentage weighing, dynamic weighing. Large coloured touch screen display provides intuitive operation with icon-driven menus and accessible applications. Built-in memory for storing products and settings. RS-232 interface. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	chamber dimensions	pcs/pack	price/pack
With external calibration						
BEAB-12E-001	120 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-22E-001	220 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-31E-001	310 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEPB-36E-001	360 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	
BEPB-72E-001	720 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	
BETB-3E2-001	3200 g	0,01 g	185 x 185 mm	N/A	1	
BETB-6E2-001	6200 g	0,01 g	185 x 185 mm	N/A	1	
BETB-8E2-001	8200 g	0,01 g	185 x 185 mm	N/A	1	
With internal calibration						
BEAB-121-001	62/120 g	0,01/0,1 mg	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-221-001	82/220 g	0,01/0,1 mg	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-120-001	120 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-220-001	220 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-310-001	310 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-410-001	410 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEAB-510-001	510 g	0,0001 g	Ø 80 mm	192 x 195 x 230 mm	1	
BEPB-360-001	360 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	
BEPB-720-001	720 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	
BEPB-1K2-001	1200 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	
BEPB-2K1-001	2100 g	0,001 g	Ø 110 mm	192 x 195 x 115 mm	1	
BETB-3K2-001	3200 g	0,01 g	185 x 185 mm	N/A	1	
BETB-6K2-001	6200 g	0,01 g	185 x 185 mm	N/A	1	

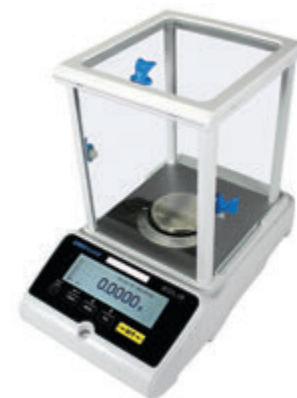
HOW TO CHOOSE A SCALE?

- 1 Capacity: What is the maximum weight that we will need to weigh on the scale?
- 2 Precision: What level of accuracy do we require in the results?
- 3 Usage: What is it going to be used for? Is it for pricing, commercial transactions? Where will it be installed?



“PRECISION BALANCE, SOLIS

Excellent performance and simple operation for demanding laboratories. Ideal for research and quality assurance facilities, science education, precision counting and general laboratory tasks. Applications: check weighing, parts counting, dynamic weighing, percentage weighing, density, formulation/recipe (stores up to 99 ingredients). High resolution graphic display, simple-use keypad and intuitive features. RS-232 interface. Level indicator and adjustable feet. Multiple languages. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	chamber dimensions	pcs/pack	price/pack
With external calibration						
BSAB-12E-001	120 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-22E-001	220 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-31E-001	310 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSPB-36E-001	360 g	0,001 g	∅ 110 mm	192 x 195 x 115 mm	1	
BSPB-72E-001	720 g	0,001 g	∅ 110 mm	192 x 195 x 115 mm	1	
BSTB-3E2-001	3200 g	0,01 g	185 x 185 mm	-	1	
BSTB-6E2-001	6200 g	0,01 g	185 x 185 mm	-	1	
BSTB-8E2-001	8200 g	0,01 g	185 x 185 mm	-	1	
With internal calibration						
BSAB-121-001	62/120 g	0,01/0,1 mg	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-221-001	82/220 g	0,01/0,1 mg	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-120-001	120 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-220-001	220 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-310-001	310 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-410-001	410 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSAB-510-001	510 g	0,0001 g	∅ 80 mm	192 x 195 x 230 mm	1	
BSPB-360-001	360 g	0,001 g	∅ 110 mm	192 x 195 x 115 mm	1	
BSPB-720-001	720 g	0,001 g	∅ 110 mm	192 x 195 x 115 mm	1	
BSPB-1K2-001	1200 g	0,001 g	∅ 110 mm	192 x 195 x 115 mm	1	
BSPB-2K1-001	2100 g	0,001 g	∅ 110 mm	192 x 195 x 115 mm	1	
BSTB-3K2-001	3200 g	0,01 g	185 x 185 mm	-	1	
BSTB-6K2-001	6200 g	0,01 g	185 x 185 mm	-	1	

WEIGHING PAPER

In square sheets. 100 % cellulose without binder. Surface weight: 25 g/m²




reference	l (mm)	w (mm)	pcs/pack	price/pack
WPPF-100-1K0	100	100	1000	





“PRECISION BALANCE, WLC



Balances series WLC are designed for fast and precise mass determination in laboratory and industrial conditions. AC power or rechargeable battery operation. RS-232 interface. Stainless steel weighing platform and backlit LCD display. Applications: parts counting, animal/dynamic weighing, check weighing, %, below balance weighing, impact test. 2 versions available: external calibration and internal calibration. External dimensions (L x H x W): 244 x 174 x 88 mm (models with pan size 128 x 128 mm and 195 x 195 mm), 351 x 375 x 87 mm (models with pan size 290 x 360 mm) and 502 x 480 x 103 mm (models with pan size 400 x 500 mm). The scale is delivered with an instruction manual, warranty letter, CD with user manual, drivers for connection to a PC and a Quality Test Report. Optional: factory calibration certificate (BAAC-RC3-001 <60 kg or BAAC-RC4-001 >60 kg) must be ordered together with the scale. 100-240 V / 50-60 Hz. Warranty 2 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack
With external calibration					
BWLC-2E0-001	2 kg	0,01 g	195 x 195 mm	1	
BWLC-6E0-001	6 kg	0,1 g	195 x 195 mm	1	
BWLC-10E-001	10 kg	0,1 g	195 x 195 mm	1	
BWLC-20E-001	20 kg	0,1 g	195 x 195 mm	1	
BWLC-1QE-001	120 kg	2 g	400 x 500 mm	1	
With internal calibration					
BWLC-600-001	600 g	0,01 g	128 x 128 mm	1	
BWLC-1K0-001	1 kg	0,01 g	195 x 195 mm	1	
BWLC-6K0-001	6 kg	0,1 g	195 x 195 mm	1	



“PORTABLE PRECISION BALANCE, HCB



Applications: weighing, %, parts counting, below balance weighing, weight accumulation. RS-232 and USB interfaces. Smart housing design lets you safely stack balances on top of each other for convenient storage. Three-point ShockProtect™ overload protection (allows the balance to withstand up to 200 kg of weight without damaging the weighing mechanism). Internal calibration with built in mass. Lock down mounting slot for Kensington™ type lock and cable. Internal rechargeable battery with auto power off and low-battery indicator. Includes removable draftshield, except BHCB-6K0-001. External dimensions 170 x 245 x 80 mm. 200-240 V / 50-60 Hz. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 3 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack
BHCB-120-001	120 g	0,001 g	∅ 120 mm	1	
BHCB-150-001	150 g	0,005 g	∅ 120 mm	1	
BHCB-300-001	300 g	0,01 g	∅ 120 mm	1	
BHCB-600-001	600 g	0,01 g	∅ 120 mm	1	
BHCB-601-001	600 g	0,02 g	∅ 120 mm	1	
BHCB-1K0-001	1000 g	0,01 g	∅ 120 mm	1	
BHCB-1K5-001	1500 g	0,05 g	∅ 120 mm	1	
BHCB-2K2-001	2200 g	0,01 g	∅ 120 mm	1	
BHCB-3K0-001	3000 g	0,1 g	∅ 120 mm	1	
BHCB-6K0-001	6000 g	0,1 g	∅ 145 mm	1	
With EC type approval, CE M24					
BHCB-M06-001	600 g	0,01 g	∅ 120 mm	1	
BHCB-1M0-001	1000 g	0,01 g	∅ 120 mm	1	

COMPACT PORTABLE BALANCE, CBX

Portable and easy to use balance, with weighing and part counting function. Robust ABS housing and 148 x 148 mm plate made of 304 stainless steel. External calibration. It operates with a 216 h battery rechargeable via low voltage USB, cable included. It's size and charging mode make it ideal for fieldwork. The bright backlit display makes it easy to read in most lighting conditions. Large digits (18 mm) for quick and easy reading. With adjustable feet and bubble position adjustment for accurate result anywhere. External dimensions 155 x 255 x 60 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 2 years. Product in stock for instant delivery, with certificate, delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BCBX-1K2-001	1200 g	0,1 g	148 x 148 mm	1	
BCBX-3K0-001	3000 g	0,5 g	148 x 148 mm	1	
BCBX-6K0-001	6000 g	1 g	148 x 148 mm	1	




COMPACT PORTABLE BALANCE, CQT

Stainless steel pan. Three-point ShockProtect™ overload protection (allows the balance to withstand up to 200 kg of weight without damaging the weighing mechanism). Built in security slot for Kensington™ type lock. Battery powered with 6 x AA batteries or AC adapter. Auto power off to save battery life. Large backlit display is clear and quick to read. Removable draft shield (on models with 120 mm pan only). Smart housing design lets you safely stack balances on top of each other for convenient storage (on models with 120 mm pan only). External dimensions 170 x 245 x 80 mm. 200-240 V / 50-60 Hz. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BCQT-200-001	200 g	0,01 g	Ø 120 mm	1	
BCQT-250-001	250 g	0,1 g	Ø 120 mm	1	
BCQT-600-001	600 g	0,1 g	Ø 120 mm	1	
BCQT-1K5-001	1500 g	0,1 g	Ø 120 mm	1	
BCQT-2K6-001	2600 g	0,1 g	Ø 145 mm	1	
BCQT-2K0-001	2000 g	1 g	Ø 145 mm	1	
BCQT-5K0-001	5000 g	1 g	Ø 145 mm	1	




PRECISION BALANCE, YPB

Applications: check weighing, piece counting. LCD display. Robust plastic body and big size stainless steel pan. Adjustable height feet. Overload protection. Selectable measure units. External calibration. 110-240 V. Warranty 1 year

reference	capacity	readability	pan size	calibration weight	pcs/pack	price/pack
BYPB-600-001	600 g	0,01 g	128 x 157 mm	500 g (included)	1	
BYPB-3K0-001	3000 g	0,1 g	145 x 205 mm	2000 g (not included)	1	
BYPB-5K0-001	5000 g	0,01 g	145 x 205 mm	5000 g (not included)	1	




BEADAM

CE

**PORTABLE BALANCE, CB**

Robust ABS housing with overload protection. Stainless steel pan. Level indicator and adjusting feet. Three weighing units: gram, ounces and pounds. External calibration. Auto power off. Fed with 2 AA batteries or optional 220 V adapter (not included). Dimensions: 160 x 205 x 45 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 2 years. Product in stock for instant delivery, with certificate, delivery in 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BCBC-500-001	500 g	0,1 g	Ø 130 mm	1	
BCBC-1K0-001	1000 g	0,1 g	Ø 130 mm	1	
BCBC-3K0-001	3000 g	1 g	Ø 130 mm	1	
Accessories for CB series					
BCBC-POW-001		power adaptor 220V		1	

METRIA

CE

**POCKET BALANCE METRIA P**

Overload and shock protection cover. Tare function. Electronic calibration. Retro illuminated display. Auto power off. Works with 2 x AAA batteries. Dimensions 127 x 79 x 18 mm. Warranty 1 year

reference	capacity	readability	pan size	pcs/pack	price/pack
BPOC-200-001	200 g	0,01 g	77 x 66 mm	1	
BPOC-500-001	500 g	0,1 g	77 x 66 mm	1	

METRIA

CE

**PORTABLE BALANCE METRIA E**

Tare function. LCD screen. Battery: 2 x AAA. Auto turn off: 60s. Units: g, kg, oz, ct, lb, tl. Plate dimensions: 100 x 100 mm. Includes a transparent plate to weigh liquids and higher dimension objects. Warranty 1 year

reference	capacity	readability	pcs/pack	price/pack
POSC-600-001	600 g	0,01 g	1	
POSC-2K0-001	2000 g	0,1 g	1	
POSC-3K0-001	3000 g	0,1 g	1	

METRIA

CE

**SPOON BALANCE METRIA P**

Tare function. LCD screen. Battery: 2 x AAA. Auto turn off: 60s. Units: g, kg, oz, ct, lb, tl. Body dimensions: 230 x 50 x 25 mm. Spoon dimensions: 60 x 50 x 25 mm

reference	capacity	readability	pcs/pack	price/pack
SPSC-500-001	500 g	0,1 g	1	

INDUSTRIAL SCALES, CM

High weight resolution. Parts counting function. Add weight value manually or automatically. Weight in grams or lb. Output data RS-232C. Big display with backlight. AC adaptor and Internal rechargeable battery. External dimensions: 325 x 330 x 110 mm. 100-240 V / 50-60 Hz. Warranty 1 year. Delivery time 1 week

reference	capacity	readability	pan size	pcs/pack	price/pack
BCMS-3K0-001	3 kg	0,1 g	310 x 220 mm	1	
BCMS-6K0-001	6 kg	0,2 g	310 x 220 mm	1	
BCMS-15K-001	15 kg	0,5 g	310 x 220 mm	1	
BCMS-30K-001	30 kg	1 g	310 x 220 mm	1	



INDUSTRIAL WASHDOWN SCALES, ABW

Wash down scale (IP67 rated) ideal for food preparation, food processing plants, agricultural facilities and wet environments. Applications: weighing, %, parts counting, check weighing. Double front and rear large backlit LCD with capacity tracker and coloured LED check limit indicators. AC adaptor and Internal rechargeable battery. Large stainless steel pan. 5 weighing units (g, kg, lb, oz, lb-oz). External calibration. External dimensions 255 x 290 x 105 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BABW-4K0-001	4 kg	0,5 g	245 x 180 mm	1	
BABW-8K0-001	8 kg	1 g	245 x 180 mm	1	
BABW-16K-001	16 kg	2 g	245 x 180 mm	1	
BABW-32K-001	32 kg	5 g	300 x 210 mm	1	



"INDUSTRIAL WASHDOWN SCALES, GLADIATOR

Wash down scale (IP67 rated) ideal for food preparation, food processing plants, agricultural facilities and wet environments. Applications: weighing, parts counting, percentage weighing, dynamic/animal weighing, check weighing. Internal rechargeable battery with auto-off to save battery life. Large backlit LCD display with capacity tracker and check weighing LED lights to show acceptable limits. Bi-directional RS-232 output for connection to computers and printers. Rugged stainless steel construction. External dimensions 250 x 351 x 575 mm (models with pan size 250 x 250 mm), 300 x 523 x 662 mm (models with pan size 300 x 400 mm), 400 x 605 x 1032 mm (models with pan size 400 x 500 mm), 450 x 702 x 1032 mm (models with pan size 450 x 600 mm). The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BGDT-8K0-001	8 kg	0,2 g	250 x 250 mm	1	
BGDT-16K-001	16 kg	0,5 g	250 x 250 mm	1	
BGDT-35K-001	35 kg	1 g	250 x 250 mm	1	
BGDT-35H-001	35 kg	1 g	300 x 400 mm	1	
BGDT-75K-001	75 kg	2 g	300 x 400 mm	1	
BGDT-75H-001	75 kg	2 g	400 x 500 mm	1	
BGDT-1Q5-001	150 kg	5 g	400 x 500 mm	1	
BGDT-1H5-001	150 kg	5 g	450 x 600 mm	1	
BGDT-3Q0-001	300 kg	10 g	450 x 600 mm	1	





INDUSTRIAL SCALES, CKT



Applications: weighing, parts counting, check weighing, check counting, accumulation of weight, percentage weighing, net total weighing. Ideal for stock control tasks and general weighing. The backlit LCD display changes colour to show if a sample is under, over or within the set limits. Store and recall up to 100 products. RS-232 interface with multi-language, date and time output. ABS housing, stainless steel platform and non-slip feet. Powered by the included AC adapter or internal rechargeable battery. External calibration (except EC type approval models). External dimensions 326 x 355 x 115 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. 200-240 V / 50-60 Hz. Warranty 5 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack
BCKT-4K0-001	4 kg	0,1 g	210 x 300 mm	1	
BCKT-8K0-001	8 kg	0,2 g	210 x 300 mm	1	
BCKT-8H0-001	8 kg	0,1 g	210 x 300 mm	1	
BCKT-8HH-001	8 kg	0,05 g	210 x 300 mm	1	
BCKT-16K-001	16 kg	0,5 g	210 x 300 mm	1	
BCKT-16H-001	16 kg	0,1 g	210 x 300 mm	1	
BCKT-32K-001	32 kg	1 g	210 x 300 mm	1	
BCKT-32H-001	32 kg	0,2 g	210 x 300 mm	1	
BCKT-48K-001	48 kg	2 g	210 x 300 mm	1	
BCKT-48H-001	48 kg	0,5 g	210 x 300 mm	1	
With EC type approval, CE M24					
BCKT-4M0-001	4 kg	1 g	210 x 300 mm	1	
BCKT-8M0-001	8 kg	2 g	210 x 300 mm	1	
BCKT-20M-001	20 kg	5 g	210 x 300 mm	1	
BCKT-40M-001	40 kg	10 g	210 x 300 mm	1	



INDUSTRIAL SCALES, GFK



Applications: weighing, parts counting, %, dynamic/animal weighing, check weighing, check counting. Easily accessible internal rechargeable battery with auto-off to save battery life. Large backlit LCD display with capacity tracker and check weighing LED lights to show acceptable limits. Parts counting with freely selectable sample sizes. Automatic accumulation. Bi-directional RS-232 output for connection to computers and printers with multi-language print-outs. ABS plastic indicator and stainless steel pan. External dimensions 600 x 950 x 860 mm (BGFK-6Q0-001), 400 x 620 x 860 mm (all other models). The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days



reference	capacity	readability	pan size	pcs/pack	price/pack
BGFK-75K-001	75 kg	5 g	400 x 500 mm	1	
BGFK-75H-001	75 kg	1 g	400 x 500 mm	1	
BGFK-1Q5-001	150 kg	10 g	400 x 500 mm	1	
BGFK-1H5-001	150 kg	2 g	400 x 500 mm	1	
BGFK-3Q0-001	300 kg	20 g	400 x 500 mm	1	
BGFK-6Q0-001	600 kg	50 g	600 x 800 mm	1	

INDUSTRIAL SCALES, LBX

Applications: weighing, parts counting, percentage weighing, check weighing. Backlit LCD display. Amber, green and red LEDs to indicate if a sample is under, within or over the present limits. Fast and stable in 1 second. Powered by the included AC adapter or internal rechargeable battery (up to 240 hours, rechargeable with a USB cable and Euro plug). ABS housing, stainless steel platform and non-slip feet. External calibration. External dimensions 255 x 290 x 105 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 3 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BLBX-3K0-001	3 kg	0,5 g	245 x 180 mm	1	
BLBX-6K0-001	6 kg	1 g	245 x 180 mm	1	
BLBX-12K-001	12 kg	2 g	245 x 180 mm	1	
BLBX-30K-001	30 kg	5 g	245 x 180 mm	1	




"INDUSTRIAL SCALES, GBK

Applications: weighing, check weighing, parts counting, check counting, percent weighing, dynamic/animal weighing. Backlit green display with 20 mm digits and capacity tracker. Full numeric keypad and colour coded keys. AC adaptor and Internal rechargeable battery. RS232 interface with multi-language, date and time output. ABS plastic indicator, stainless steel pan and die-cast aluminum base. Weighing units: g, kg. External calibration. External dimensions 300 x 520 x 680 mm. The scale is delivered with an instruction manual. Optional: factory calibration certificate (BAAC-CAL-001) must be ordered together with the scale. Warranty 5 years. Delivery time: 10 - 20 days

reference	capacity	readability	pan size	pcs/pack	price/pack
BGBK-8K0-001	8 kg	0,1 g	300 x 400 mm	1	
BGBK-16K-001	16 kg	0,5 g	300 x 400 mm	1	
BGBK-32K-001	32 kg	1 g	300 x 400 mm	1	
BGBK-60K-001	60 kg	2 g	300 x 400 mm	1	
BGBK-12Q-001	120 kg	5 g	300 x 400 mm	1	




RADWAG CALIBRATION CERTIFICATE

Must be ordered together with the balance. At the time of purchase the applicant's data must be stated so that it appears on the document. Otherwise, the certificate will be issued in the name of the manufacturer. The document includes the serial number of the instrument and the results of the calibration tests carried out at the factory

reference	description	pcs/pack	price/pack
BAAC-RC2-001	for AS PLUS series	1	
BAAC-RC3-001	for PS and WLC series under 60 kg	1	
BAAC-RC4-001	for WLC series over 60 kg	1	




ADAM CALIBRATION CERTIFICATE

Must be ordered together with the balance. At the time of purchase the applicant's data must be stated so that it appears on the document. Otherwise, the certificate will be issued in the name of the buyer. The document includes the serial number of the instrument and the results of the calibration tests carried out at the factory

reference	description	pcs/pack	price/pack
BAAC-CAL-001	for all Adam scales series	1	






DENSITY DETERMINATION KIT

The density determination kit consists of an apparatus which allows the user to weigh a sample in air and then weigh the same sample in water or any other liquid with a known density. The software in the balance takes the operator through the process and finally displays the resulting density on the LCD in g/cm³, compensating for temperature and for the use of alternative fluids when calculating the density of solids. Delivery time 10 - 20 days



reference	description	pcs/pack	price/pack
BAAC-A26-001	for series AS	1	
BAAC-A27-001	for series PS (models with readability 1 mg only)	1	
BAAC-A28-001	for series PS (models with readability 0,01 g only)	1	



THERMAL PRINTER FOR BALANCES

A general purpose thermal tally roll printer specifically designed to work with the Adam series balances. Preset to work with the default RS-232 interface found on the Adam balances. Easy to use with only an On/Off switch and a paper feed button. Paper width: 57.5 mm. 200-240 V / 50-60 Hz. Warranty 2 years. Delivery time: 10 - 20 days



reference	description	pcs/pack	price/pack
BAAC-A57-001	thermal printer for series PMB, LUNA, EQUINOX, SOLIS, HCB, GLADIATOR, CKT, GFK and GBK	1	
BAAC-A23-001	thermal paper roll for printer BAAC-A57-001	1	
BAAC-A08-001	RS-232 cable for series EQUINOX, SOLIS, LUNA y CKT	1	



"ANTI-VIBRATION TABLE

Designed for use in the laboratory or metrology room to provide suitable working conditions for devices that are sensitive to vibrations and shocks. Table dimensions: 770 x 680 x 815 mm. Easy to set up, light weight mild steel. Adjustable levelling feet to take care of uneven floor. Scratch-proof top slab to avoid surface damage and marble finish (dimensions: 410 x 270 x 115 mm). Delivery time 20 days. Warranty 2 years



reference	description	pcs/pack	price/pack
BAAC-A24-001	anti-vibration table, RADWAG	1	



"ANTI-VIBRATION TABLE

The table is composed of two independent structures, one assembled inside another. The interior structure is made of cold rolled steel tube and finished in epoxy-polyester paint. This structure integrates the silentbock system, on which four marble stones are placed to ensure the absence of vibrations. The surface is topped in compact phenolic Trespa Toplab, which will form the anti-vibration zone. The outer structure is also composed of cold-rolled steel and epoxy-polyester paint, on which falls the work surface of compact phenolic Trespa Toplab. As this structure is completely independent, the vibrations are not transmitted to the interior structure. Dimensions of the table: 900 x 750 x 900 mm. Includes a leveling system to save soil irregularities. Delivery time: 2 weeks



reference	description	pcs/pack	price/pack
AVTW-001-001	anti-vibration table, INBAUTEK	1	

WEIGHING FUNNEL

Made of borosilicate glass 3.3



reference	capacity	pcs/pack	price/pack
WFU3-003-002	3 ml	2	
WFU3-006-002	6 ml	2	
WFU3-010-002	10 ml	2	



"ENAC CALIBRATION CERTIFICATE FOR WEIGHTS

Delivered by a laboratory approved by ENAC under ISO 17025 standards, recognized by similar accreditation bodies in 50 countries, such as COFRAC (France), DKD (Germany) or UKAS (UK). The laboratory issues calibration certificates for the weights in digital format. Note: Company data are mandatory for issuing a certificate. Delivery time 10 days



reference	description	pcs/pack	price/pack
Calibration of new weights			
CERW-E01-001	for M1 weights (1mg up to 20 kg)	1	
CERW-E03-001	for F1 weights (1mg up to 10 kg)	1	
CERW-E07-001	for E2 weights (1mg up to 500 g)	1	
CERW-E05-001	for complete set of 12 weight fractions of gram class F1 or M1	1	



PRECISION WEIGHT, STAINLESS STEEL, CLASS M1

Individual case included. According to OIML R-111 recommendations. Certificate not included



reference	type	pcs/pack	price/pack
WM1B-001-001	1 g ± 1,0 mg	1	
WM1B-002-001	2 g ± 1,2 mg	1	
WM1B-005-001	5 g ± 1,5 mg	1	
WM1B-010-001	10 g ± 2,0 mg	1	
WM1B-020-001	20 g ± 2,5 mg	1	
WM1B-050-001	50 g ± 3,0 mg	1	
WM1B-100-001	100 g ± 5,0 mg	1	
WM1B-200-001	200 g ± 10 mg	1	
WM1B-500-001	500 g ± 25 mg	1	
WM1B-1K0-001	1000 g ± 50 mg	1	
WM1B-2K0-001	2000 g ± 100 mg	1	



METRIA | PRECISION WEIGHT, STAINLESS STEEL, CLASS F1

Individual case included. According to OIML R-111 recommendations. Certificate not included



reference	type	pcs/pack	price/pack
WF1S-001-001	1 g ± 0,10 mg	1	
WF1S-002-001	2 g ± 0,12 mg	1	
WF1S-005-001	5 g ± 0,15 mg	1	
WF1S-010-001	10 g ± 0,20 mg	1	
WF1S-020-001	20 g ± 0,25 mg	1	
WF1S-050-001	50 g ± 0,30 mg	1	
WF1S-100-001	100 g ± 0,50 mg	1	
WF1S-200-001	200 g ± 1,0 mg	1	
WF1S-500-001	500 g ± 2,5 mg	1	
WF1S-1K0-001	1000 g ± 5 mg	1	
WF1S-2K0-001	2000 g ± 10 mg	1	
WF1S-5K0-001	5000 g ± 25 mg	1	

METRIA | PRECISION WEIGHT, STAINLESS STEEL, CLASS E2

Individual case included. According to OIML R-111 recommendations. Certificate not included



reference	type	pcs/pack	price/pack
WE2S-001-001	1 g ± 0,03 mg	1	
WE2S-002-001	2 g ± 0,04 mg	1	
WE2S-005-001	5 g ± 0,05 mg	1	
WE2S-010-001	10 g ± 0,06 mg	1	
WE2S-020-001	20 g ± 0,08 mg	1	
WE2S-050-001	50 g ± 0,10 mg	1	
WE2S-100-001	100 g ± 0,16 mg	1	
WE2S-200-001	200 g ± 0,3 mg	1	
WE2S-500-001	500 g ± 0,8 mg	1	
WE2S-1K0-001	1000 g ± 1,6 mg	1	
WE2S-2K0-001	2000 g ± 3 mg	1	

METRIA | PRECISION WEIGHTS, MADE OF BLACK CAST IRON, CLASS M1

According to OIML R-111. Individual case and certificate not included



reference	type	pcs/pack	price/pack
WM1M-5K0-001	5000 g ± 250 mg	1	
WM1M-10K-001	10000 g ± 500 mg	1	
WM1M-20K-001	20000 g ± 500 mg	1	

PRECISION WEIGHTS FULL SET WEIGHT < 1 g, CLASS M1

Case with 12 fractions. According to OIML R-111 recommendations. Certificate not included. For weights of 2, 20 and 200 mg, 2 units are included

reference	type	pcs/pack	price/pack
WM1J-001-001	1, 2 (x2), 5, 10, 20 (x2), 50, 100, 200 (x2) and 500 mg	1	

METRIA

**PRECISION WEIGHTS FULL SET WEIGHT < 1 g, CLASS F1**

Case with 12 fractions. According to OIML R-111 recommendations. Certificate not included. For weights of 2, 20 and 200 mg, 2 units are included

reference	type	pcs/pack	price/pack
WF1J-001-001	1, 2 (x2), 5, 10, 20 (x2), 50, 100, 200 (x2) and 500 mg	1	

METRIA

**WEIGHING PAN, ALUMINUM**

Also used in moisture determination process

reference	Ø _{top} (mm)	Ø _{int} (mm)	h (mm)	pcs/pack	price/pack
WPAL-056-050	59	56	7	50	
WPAL-072-100	74	72	7	100	
WPAL-093-100	98	93	7	100	
WPAL-071-100	84	71	15	100	
WPAL-050-100	66	50	24	100	

bb

**WEIGHING PAN, POLYSTYRENE, WHITE**

Anti-static, square or rhomboid shape

reference	capacity (ml)	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
WPAP-041-500	7	7,5	41	41	square shape	500	
WPAP-089-500	100	24	89	89	square shape	500	
WPAP-140-500	250	22	140	140	square shape	500	
WPAP-058-250	5	6	58	36	rhomboid shape	250	
WPAP-059-250	30	14	59	83	rhomboid shape	250	
WPAP-099-125	100	20	99	124	rhomboid shape	125	

astik's

**WEIGHING PAN, POLYSTYRENE, BLACK**

Anti-static, square or rhomboid shape

reference	capacity (ml)	h (mm)	l (mm)	w (mm)	type	pcs/pack	price/pack
WPAN-044-250	7	9	44	44	square shape	250	
WPAN-080-250	100	24	80	80	square shape	250	
WPAN-135-250	250	24	135	135	square shape	250	
WPAN-058-250	5	6	58	36	rhomboid shape	250	
WPAN-059-250	30	14	59	83	rhomboid shape	250	
WPAN-099-125	100	20	99	124	rhomboid shape	125	

astik's





lbx | **COMPACT MAGNETIC STIRRER WITHOUT HEATING, S01, 0,8 L**



Ultra-flat. Speed adjustable between 15 and 1500 rpm. Capacity: 0,8 L. Can reverse direction of rotation. Housing made of ABS, chemically resistant. For magnetic bars up to 40 mm (not included). Dimension of work plate (mm): 90 x 90. Slip-proof and stable. External dimensions (L x W x H): 175 x 120 x 15 mm. 200-240 V / 50-60 Hz, high insulation rating IP65 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack
STIS-000-001	magnetic stirrer LBX S01 series, 0,8 L	1	



lbx | **MAGNETIC STIRRER WITHOUT HEATING, BASIC, 1,5 L**



Ultra silent and vibration-free design. Speed adjustable between 300 and 2000 rpm. Capacity: 1,5 L. For magnetic bars up to 40 mm (not included). Dimension of work plate: Ø120mm. PET top provides excellent chemical resistance. Brushless DC motor, maintenance free. External dimensions (L x W x H): 145 x 150 x 50 mm. 200-240 V / 50-60 Hz, protection class IP21 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack
STIS-00B-001	magnetic stirrer LBX BASIC series, 1,5 L	1	



lbx | **MAGNETIC STIRRER WITHOUT HEATING, S03, 3 L**



Speed adjustable between 0 and 1500 rpm. Capacity: 3 L. Housing made of ABS with fire retardant material; withstands weak acids and alkalis. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 50 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 206 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack
STIS-003-001	magnetic stirrer, LBX S03 series, 3 L	1	



lbx | **DIGITAL MAGNETIC STIRRER WITHOUT HEATING, S03D, 3 L**



Speed adjustable between 200 and 1500 rpm. Capacity: 3 L. Housing made of ABS with fire retardant material; withstands weak acids and alkalis. LED display for set and actual speeds. Microprocessor control technology guarantees speed control accuracy. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 50 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 260 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack
STIS-D03-001	magnetic stirrer, LBX S03D series, 3 L	1	



lbx | **MAGNETIC STIRRER WITHOUT HEATING, S20, 20 L**



Speed adjustable between 0 and 1500 rpm. Capacity: 20 L. Ceramic coated plate. Motor with electronic speed control, constant speed even during changes in load. High magnetic adhesion, preventing the stirrer bar from escaping. DC brushless motor guarantees long service. For beakers Ø < 135 mm and magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

reference	description	pcs/pack	price/pack
STIS-020-001	magnetic stirrer LBX S20 series, 20 L	1	

MAGNETIC MINI-STIRRER WITH HEATING UP TO 320 °C, H01, 2 L

Epoxy resin housing and aluminum plate with aluminum heating plate with dimensions 120 x 120 mm. Stirring speed adjustable between 100 and 2000 rpm. Temperature adjustable up to 320 °C on plate. Capacity: 2 L. Electric motor power: 10 W, heating power: 180 W. Includes aluminum rod and retort clamp for thermometer holding. External dimensions (L x W x H): 200 x 120 x 90 mm. 230 V / 50 Hz. Warranty 2 years

lbx

CE



reference	description	pcs/pack	price/pack
STIH-001-001	magnetic mini-stirrer LBX H01 series, 2 L	1	

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 280 °C, H03D, 3 L

Housing made of ABS with fire retardant material; withstands weak acids and alkalis. Ceramic coated hotplate. LED display for temperature and speed. Stirring speed adjustable between 200 and 1500 rpm. Temperature adjustable up to 280 °C on plate. Capacity: 3 L. Heating power: 515 W. Optional: external temperature sensor Pt1000 allows a real-time temperature control (accuracy $\pm 0,5^{\circ}\text{C}$). HOT warning indicates residual hotplate temperature. DC brushless motor, maintenance free. For beakers with $\varnothing < 135$ mm and magnetic bars up to 50 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 260 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

lbx

CE



reference	description	pcs/pack	price/pack
STIH-D03-001	magnetic stirrer LBX H03D series, 3 L	1	

MAGNETIC STIRRER WITH HEATING UP TO 340 °C, H20, 20 L

Ceramic coated hotplate. Stirring speed adjustable between 0 and 1500 rpm. Temperature adjustable up to 340 °C on plate. Heating power: 530 W. Separated safety circuit, automatically stopping heating when temperature goes over 350 °C. Capacity: 20 L. Motor with electronic speed control, constant speed even during changes in load. High magnetic adhesion, preventing the stirrer bar from escaping. DC brushless motor, maintenance free. For beakers with $\varnothing < 135$ mm and magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

lbx

CE



reference	description	pcs/pack	price/pack
STIH-020-001	magnetic stirrer LBX H20 series, 20 L	1	

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 340 °C, H20D+, 20 L

Three heating modes: fast, standard and stable. Ceramic coated hotplate. Stirring speed adjustable between 100 and 1500 rpm. Temperature adjustable up to 340 °C on plate. Capacity: 20 L. Heating power: 600 W. PID temperature technology allows a very precise control of the heating process, reaching quickly the target temperature and enhancing control accuracy. LCD display for temperature and speed. Separated safety circuits, automatically stopping heating when temperature goes over 420 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000 that allows a real-time temperature control (accuracy $\pm 0,2^{\circ}\text{C}$). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor, maintenance free. For beakers $\varnothing < 135$ mm and magnetic bars from 30 mm up to 80 mm long. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

lbx

CE



reference	description	pcs/pack	price/pack
STIH-D21-001	magnetic stirrer, LBX H20D+ series, 20 L with sensor Pt1000 included	1	



DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 340 °C, MS-H-PRO^T, 20 L



Ceramic coated hotplate. Stirring speed adjustable between 100 and 1500 rpm. Temperature adjustable up to 340 °C on plate. Timer (1min – 99h 59 min). Capacity: 20 L. Heating power: 550 W. PID temperature technology allows a very precise control of the heating process, reaching quickly the target temperature and enhancing control accuracy. LCD display for temperature, timing and that shows both the real and set speeds. Separated safety circuits, automatically stopping heating when temperature goes over 360 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000 that allows a real-time temperature control (accuracy $\pm 0,2^{\circ}\text{C}$). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor, maintenance free. For beakers $\varnothing < 135$ mm and magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. RS232 interface and free StirPC software. External dimensions (L x W x H): 280 x 160 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
NSTH-T20-001	magnetic stirrer, Onilab MS-H-Pro ^T series, 20 L with sensor Pt1000 included	1	



DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 550 °C, H20SQC, 10 L



Glass Ceramic hotplate, dimensions 184x184 mm. Stirring speed adjustable between 0 and 1500 rpm. Temperature adjustable up to 550 °C on plate. Capacity: 10 L. Heating power: 1030 W. LED display that shows both the real and set speeds. Separated safety circuits, automatically stopping heating when temperature goes over 580 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000, that allows a real-time temperature control. Support clamp for temperature sensor STIH-A04-001 not included. For magnetic bars from 30 mm up to 80 mm long. Supplied with a PTFE magnetic bar. External dimensions (L x W x H): 360 x 215 x 112 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
STIH-G20-001	magnetic stirrer LBX H20SQC series, 10 L with sensor Pt1000 included	1	



DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 550 °C, MS7-H550-PRO, 20L



Glass Ceramic heating plate of 184x184 mm. Stirring speed adjustable between 100 and 1500 rpm (resolution ± 1 rpm). Temperature adjustable up to 550 °C on plate. Capacity: 20 L. Heating power: 1050 W. PID temperature technology allows a very precise control of the heating process, reaching quickly the target temperature and enhancing control accuracy. LCD display that shows the temperature ($\pm 0,1^{\circ}\text{C}$) as well as the set and actual speed. Separated safety circuits, automatically stopping heating when temperature goes over 580 °C. HOT warning indicates residual hotplate temperature, even if switched off. Includes an external temperature sensor Pt1000 that allows a real-time temperature control (accuracy $\pm 0,2^{\circ}\text{C}$). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor, maintenance free. For magnetic bars from 30 mm up to 80 mm long. Supplied with a magnetic bar. External dimensions (L x W x H): 360 x 215 x 112 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
NSTH-550-001	magnetic stirrer Onilab MS7-H550-Pro series, 20 L with sensor Pt1000 included	1	

DIGITAL MAGNETIC STIRRER WITH HEATING UP TO 500 °C, H30SQC, 30 L

Glass Ceramic heating plate of 254x254 mm. Stirring speed adjustable between 100 and 1500 rpm (resolution ± 1 rpm). Temperature adjustable up to 500 °C on plate. Capacity: 30 L. Heating power: 1350 W. LCD display that shows the temperature ($\pm 0,1$ °C) as well as the set and actual speed. Separated safety circuits, automatically stopping heating when temperature goes over 540 °C. HOT warning indicates residual hotplate temperature, even if switched off. Optional: external temperature sensor Pt1000 that allows a real-time temperature control (accuracy $\pm 0,2$ °C). Support clamp for temperature sensor STIH-A04-001 not included. DC brushless motor maintenance free. For magnetic bars from 30 mm up to 80 mm long. Supplied with a magnetic bar. External dimensions (L x W x H): 328 x 424 x 138 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

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CE



reference	description	pcs/pack	price/pack
STIH-G30-001	magnetic stirrer LBX H30SQC series, 30 L	1	

ACCESSORIES FOR MAGNETIC STIRRERS

Pt1000 temperature sensor with and without glass coating, support clamp for temperature sensor and protective cover with temperature resistance of 135°C

lbx

reference	description	pcs/pack	price/pack
STIH-A00-001	Pt1000 (L=230 mm) compatible with H03D, H20D+, H20SQC, H30SQC, MS-H-ProT, MS7-H550-Pro and HP550-S	1	
STIH-A01-001	Pt1000 with glass coating (L=230 mm) compatible with H03D, H20D+, H20SQC, H30SQC, MS-H-ProT, MS7-H550-Pro, HP550-S and MS-H380-Pro	1	
STIH-A02-001	support clamp for temperature sensor - compatible with H03D	1	
STIH-A04-001	support clamp for temperature sensor - compatible with H20D+, H20SQC, H30SQC, MS-H-ProT, MS7-H550-Pro and HP550-S	1	
STIH-A05-001	protective cover for H20 and H20D+	1	

**MULTI-POSITION MAGNETIC STIRRER WITHOUT HEATING, S04X10, 10 POSITIONS**

High-performance magnetic stirrer with 10 stirring positions that benefits laboratory space. Speed adjustable between 0 and 1100 rpm. Capacity per position: 0,4 L. Stainless steel plate with silicone film, anti-slip and anti-corrosion. Homogenous stirring for all positions (same speed). DC brushless motor, maintenance free. Dimension of work plate: 180 x 450 mm. For magnetic bars up to 40 mm long. Supplied with one PTFE magnetic bar. External dimensions (L x W x H): 552 x 182 x 65 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years

lbx

CE



reference	description	pcs/pack	price/pack
STIS-100-001	multi-position magnetic stirrer LBX S04X10 series, 10 positions, 0,4 L per position	1	

MULTI-POSITION MAGNETIC STIRRER WITH HEATING, H04X10, 10 POSITIONS

High-performance magnetic stirrer with 10 stirring positions that benefits laboratory space. Temperature adjustable up to 120 °C on plate, producing a maximum fluid temperature of 70 °C (depending on the type of container). Speed adjustable between 0 and 1100 rpm. Capacity per position: 0,4 L. Stainless steel plate with silicone film, anti-slip and anti-corrosion. Homogenous stirring for all positions (same speed and heating). DC brushless motor, maintenance free. Dimension of work plate: 180x450 mm. For magnetic bars up to 40 mm long. External dimensions (L x W x H): 622 x 182 x 65 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DINEN60529). Warranty 2 years

lbx

CE



reference	description	pcs/pack	price/pack
STIH-100-001	multi-position magnetic stirrer with heating LBX H04X10 series, 10 positions, 0,4 L per position, 120°C	1	



MULTI-POSITION MAGNETIC STIRRER WITH HEATING, H10X04, 4 POSITIONS



High-performance magnetic stirrer with 4 stirring positions that benefits laboratory space. Temperature adjustable up to 340 °C on plate. Speed adjustable between 200 and 1500 rpm. Capacity per position: 10 L. Ceramic-coated hotplates. Stirring and temperature adjustable on each plate independently. DC brushless motor, maintenance free. Dimension of the work plates: 4 x 135 mm. For magnetic bars up to 40 mm long. External dimensions (L x W x H): 698 x 270 x 128 mm. 200-240 V / 50-60 Hz, insulation rating IP20. Warranty 2 years



reference	description	pcs/pack	price/pack
MSTH-410-001	multi-position magnetic stirrer with heating LBX H10X04 series	1	



ALUMINUM REACTION BLOCKS

Made of aluminum, to hold round bottom flasks on top of stirrers and hotplates. Hole for thermometer of \varnothing 6 mm

reference	capacity	$\varnothing_{\text{base}}$ (mm)	\varnothing_{top} (mm)	h (mm)	pcs/pack	price/pack
RBLO-050-001	50 ml	103	53	28,5	1	
RBLO-100-001	100 ml	115	65	34,5	1	
RBLO-250-001	250 ml	138	88	46	1	
RBLO-500-001	500 ml	160	110	57	1	



DIGITAL OVERHEAD STIRRER, OS20 / OS40 SERIES



Vertical rotation stirrer with speed regulation between 50 and 2200 rpm. Used for stirring beakers and other bottles by a stick (not included, see accessories) fixed in the shaft. To fix it, you will require a retort stand and a bosshead (not included). LED displays actual speed. Anti-spill system. Overload protection, motor would automatically stop in case of continuous overload. Separated safety circuits, automatically cut off the circuit in abnormal conditions. Compatible with \varnothing 6 – 10 mm stirring rods. DC brushless motor, maintenance free. External dimensions (L x W x H): 186 x 83 x 220 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years. It is recommended to combine with retort stand: RTSP-250-001 and bosshead: BOSH-001-001



reference	description	pcs/pack	price/pack
STIV-020-001	overhead stirrer LBX OS20 series, cap: 20 L, 10000 mPas, 70 W	1	
STIV-040-001	overhead stirrer LBX OS40 series, cap: 40 L, 50000 mPas, 130 W	1	



DIGITAL OVERHEAD STIRRER, OS40-PRO

Vertical rotation stirrer with speed regulation between 50 and 2200 rpm with automatic strength correction to maintain the desired speed depending on the sample resistance, maximum agitation capacity of 40L, maximum viscosity of 50.000 mPas and power of 130 W. Used for stirring beakers and other bottles by a stirring bar (not included, see accessories) fixed in the shaft. To fix it, you will require a retort stand and a bosshead (not included). LCD screen displays programmed speed, real speed and torque (Ncm) to see the changes in viscosity. Anti-spill system. Overload protection, motor would automatically stop in case of continuous overload. Separated safety circuits, automatically cut off the circuit in abnormal conditions. Compatible with \varnothing 6 – 10 mm stirring rods. DC brushless motor, maintenance free. External dimensions (L x W x H): 186 x 83 x 220 mm. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years. Must be combined with STIV stirring bars and it is recommended to combine with retort stand: RTSP-250-001 and bosshead: BOSH-001-001

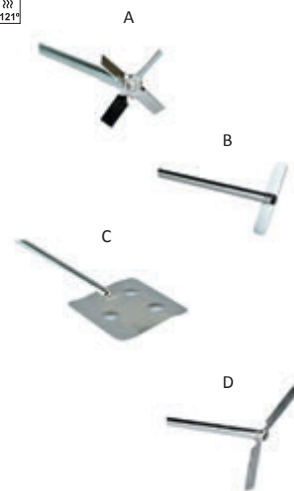


reference	description	pcs/pack	price/pack
NSTV-040-001	overhead stirrer OS40-Pro series, cap: 40 L, 50000 mPas, 130 W	1	

STIRRING BARS FOR OS20, OS40 AND OS40-PRO SERIES

Stirring bars (\varnothing 8 mm) compatible with LBX OS20, LBX OS40 and Onilab OS40-Pro with the following available shapes: Crossed stirrer: Standard stirring element used at medium and high speeds (A). Straight stirrer: Ideal for the mixing of low viscosity media at medium and high speeds (B). Blade stirrer: Ideal for samples that need gentle processing at low and medium speeds (C). Centrifugal stirrer: Ideal for stirring in round vessels with narrow necks (D). Available in 316L stainless steel or PTFE coated

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reference	description	pcs/pack	price/pack
316L stainless steel stirring bars			
STIV-A05-001	crossed stirrer, shaft length 40 cm, stirrer \varnothing 5 cm (A)	1	
STIV-A06-001	straight stirrer, shaft length 40 cm, stirrer \varnothing 6 cm (B)	1	
STIV-A07-001	blade stirrer, shaft length 40 cm, stirrer \varnothing 6.8 cm (C)	1	
STIV-A08-001	centrifugal stirrer, shaft length 40 cm, stirrer \varnothing 9 cm (D)	1	
PTFE coated stirring bars			
STIV-A09-001	crossed stirrer, shaft length 35 cm, stirrer \varnothing 6.5 cm	1	
STIV-A10-001	straight stirrer, shaft length 35 cm, stirrer \varnothing 7 cm	1	
STIV-A11-001	blade stirrer, shaft length 35 cm, stirrer \varnothing 6.8 cm	1	
STIV-A12-001	centrifugal stirrer, shaft length 35 cm, stirrer \varnothing 8.5 cm	1	

VORTEX STIRRER, WITH SPEED CONTROL, V05

Electronic adjustment of speed between 0 and 2500 rpm. Two function mode: continuous operation or short-time operation by pressure over the head. Different applications thanks to the adapters (optional). Standard top for \varnothing < 30 mm tubes and small vessels, VORX-A03-001, delivered with the stirrer. Optional: adapters and non-slip platform for tubes (they require the VORX-A04-001 support, not included). External dimensions (h x \varnothing x w): 130 x 160 x 127 mm. High stability due to the specially designed vacuum suction feet, preventing the unit to move. 200-230 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years

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reference	description	pcs/pack	price/pack
VORX-005-001	vortex stirrer LBX V05 series	1	
Accessories and spare parts			
VORX-A03-001	standard holder for < \varnothing 30 mm tubes	1	
VORX-A04-001	universal top plate for tubes adaptators or non-slip platform \varnothing 100 mm	1	
VORX-A06-001	tension rod (to be used with tube adaptators)	1	
VORX-A07-001	rubber vacuum suction foot with screw	1	
Adapters			
VORX-A41-001	tube adapter for 48 holes test tubes, \varnothing 6 mm	1	
VORX-A51-001	tube adapter for 15 holes test tubes, \varnothing 10 mm	1	
VORX-A61-001	tube adapter for 12 holes test tubes, \varnothing 12 mm	1	
VORX-A71-001	tube adapter for 8 holes test tubes, \varnothing 16 mm	1	
VORX-A81-001	tube adapter for 8 holes test tubes, \varnothing 20 mm	1	
VORX-A05-001	non-slip platform pad for tubes (\varnothing < 99 mm)	1	



lbx | MINI VORTEX STIRRER, WITHOUT SPEED CONTROL, V03



Small footprint and compact structure. Touch function. Fixed speed of 3000 rpm. Orbital diameter of 5.5 mm. Excellent mixing capability. Maximum test tube size: Ø30 mm. Patented design of foot pad can hold the vortex mixer firmly in place when mixing. Total dimensions (Ø x h): 100 x 78 mm. Low operation voltage (12 V) for full protection. 200-240 V / 50-60 Hz, insulation rating IP42 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
VORX-003-001	mini Vortex stirrer LBX V03 series	1	

lbx | ROTATOR STIRRER, RR80



Provides smooth but effective motion to reach a homogeneous mixture. Compact space-saving design fits easily in the incubator. Control speed regulation between 0 and 80 rpm. Fix mixing angle: 90°. Continuous operation type. Includes plastic clips for fixing 1,5 ml, 15 ml and 50 ml tubes (12 clips of each size). External dimensions (L x W x H): 150 x 530 x 190 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
MIXS-005-001	rotator stirrer LBX RR80 series	1	
Spare parts			
MIXS-A15-012	12 plastic clips for fixing 1.5 ml centrifuge tubes	12	
MIXS-A25-012	12 plastic clips for fixing 15 ml centrifuge tubes	12	
MIXS-A35-012	12 plastic clips for fixing 50 ml centrifuge tubes	12	

ONILAB | ROTATOR STIRRER, MX-RL-PRO



Provides smooth but effective motion to reach a homogeneous mixture. Digital LCD screen that shows speed and timer (1 - 1199 min). Control speed regulation between 10 and 70 rpm. Includes platform for 16 tubes of 50 ml held vertically MIXS-A43-001. External dimensions (L x W x H): 220 x 510 x 260 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
NMIX-005-001	rotator stirrer, Onilab MX-RL-Pro	1	
Accessories and spare parts			
MIXS-A13-001	platform for 48 tubes of 1,5 ml held horizontally	1	
MIXS-A53-001	platform for 48 tubes of 15 ml held horizontally	1	
MIXS-A33-001	platform for 24 tubes of 50 ml held horizontally	1	
MIXS-A23-001	platform for 32 tubes of 1,5 ml held vertically	1	
MIXS-A63-001	platform for 16 tubes of 15 ml held vertically	1	
MIXS-A43-001	platform for 16 tubes of 50 ml held vertically	1	

lbx | TUBE ROLLER, VARIABLE SPEED, 6 ROLLERS, TR06



It provides smooth motion but effective to obtain a homogeneous mixture. Speed regulation between 0 and 70 rpm. Six rollers easy to clean. Roller size (L): 280 mm. Continuous operation. DC brushless motor, maintenance free. Can be used in cold rooms or in incubators. External dimensions (L x W x H): 490 (incl. plug 550) x 250 x 100 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
MIXS-002-001	tube Roller LBX TR06 series, 6 rollers	1	

ROTATOR STIRRER WITH CAROUSEL TYPE DESIGN, RD80

It provides smooth motion but effective to obtain a homogeneous mixture. The rotator comes with a carousel type design. Compact space-saving design fits easily in the incubator. Control speed regulation between 0 and 80 rpm. Fix mixing angle: 90°. Continuous operation type. Includes plastic clips for fixing 1,5 ml, 15 ml and 50 ml tubes (12 clips of each size). External dimensions (L x W x H): 300 x 220 x 310 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
MIXS-006-001	rotator stirrer with carousel type design LBX RD80 series	1	
Spare parts			
MIXS-A16-012	12 plastic clips for fixing 1.5 ml centrifuge tubes	12	
MIXS-A26-012	12 plastic clips for fixing 15 ml centrifuge tubes	12	
MIXS-A36-012	12 plastic clips for fixing 50 ml centrifuge tubes	12	

ROTATOR STIRRER WITH CAROUSEL TYPE DESIGN, MX-RD-PRO

Provides smooth but effective motion to reach a homogeneous mixture. Compact space-saving design fits easily in the incubator. Digital LCD screen that shows speed and timer (1 - 1199 min). Control speed regulation between 10 and 70 rpm. Adjustable tilt angle between 0 and 90°. Includes disk type platform for 8 tubes of 50 ml MIXS-A34-001. Option to connect multiple platforms with MIXS-A44-004 disk supporting rods. External dimensions (L x W x H): 280 x 210 x 300 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
NMIX-006-001	rotator stirrer with carousel type design, Onilab MX-RD-Pro	1	
Accessories and spare parts			
MIXS-A14-001	disk type platform for 60 tubes of 1,5 ml	1	
MIXS-A24-001	disk type platform for 16 tubes of 15 ml	1	
MIXS-A34-001	disk type platform for 8 tubes of 50 ml	1	
MIXS-A44-004	disk support rods to connect two platforms	1	

MICROPLATE MIXER, MM1500

Universal microplate mixer suitable for tubes and 96-well microplates. Adapter for 1 microplate supplied with the stirrer (see other accessories). Speed regulation between 0 and 1500 rpm. Continuous operation. DC brushless motor, maintenance free. External dimensions (L x W x H): 260 x 150 x 80 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
MIXS-001-001	microplate mixer LBX MM1500 series	1	
Accessories and spare parts			
MIXS-A11-001	adapter for 1 microplate, speed range: 0 - 1500 rpm	1	
MIXS-A21-001	adapter for 2 microplates, speed range: 0 - 1000 rpm	1	
MIXS-A31-001	universal top plate (round) for tube adapters	1	
Adapters			
MIXS-A41-001	for 48 test tubes, \varnothing 6 mm	1	
MIXS-A51-001	for 15 test tubes, \varnothing 10 mm	1	
MIXS-A61-001	for 12 test tubes, \varnothing 12 mm	1	
MIXS-A71-001	for 8 test tubes, \varnothing 16 mm	1	
MIXS-A81-001	for 8 test tubes, \varnothing 20 mm	1	





ORBITAL SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, ORB-B2



Two LED screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 40 and 200 rpm. Orbital diameter of 20 mm. 268 x 268 mm workplate. Load capacity of 2 kg. DC Brushless motor, maintenance free. Dimensions (W x D x H): 294 x 348 x 123 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years



reference	description	pcs/pack	price/pack
SHKB-201-001	basic orbital shaker, LBX Orb-B2	1	



ROCKING SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, ROC-B1



Two LED screens that show time and speed. Timer function (1 min - 19 h 59 min). Speed adjustable between 10 and 80 rpm. Rocking motion angle of 7°. 268 x 268 mm workplate. Load capacity of 2 kg. DC Brushless motor, maintenance free. Dimensions (W x D x H): 294 x 348 x 123 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years



reference	description	pcs/pack	price/pack
SHKB-R80-001	basic rocking shaker, LBX Roc-B1	1	



ORBITAL SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, ORB-PRO



Two LCD screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 100 and 500 rpm. Orbital diameter of 10 mm. Load capacity of 7.5 kg. DC Brushless motor, maintenance free. The device includes a SHKP-A02-001 universal accessory with 4 bars and can be combined with a non-slip platform. It allows to install a second non-slip platform vertically with the accessory SHKU-A01-001. Dimensions (W x D x H): 370 x 420 x 100 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years



reference	description	pcs/pack	price/pack
SHKP-500-001	orbital shaker, LBX Orb-Pro	1	



LINEAR SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, LIN-PRO



Two LCD screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 100 and 350 rpm. Lineal amplitude of 10 mm. Load capacity of 7,5 kg. DC Brushless motor, maintenance free. The device includes a SHKP-A02-001 universal accessory with 4 bars and can be combined with a non-slip platform (check accessories). It allows to install a second non-slip platform vertically with the accessory SHKU-A01-001. Dimensions (W x D x H): 370 x 420 x 100 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years



reference	description	pcs/pack	price/pack
SHKP-35L-001	Linear shaker, LBX Lin-Pro	1	



3D SHAKER WITH DIGITAL SCREEN AND TIMING FUNCTION, 3D-PRO



Two LCD screens that show time and speed. Timer function (1min-19h59min). Speed adjustable between 10 and 70 rpm. Tilt angle of 9°. Load capacity of 5 kg. The device includes a SHKP-A01-001 non-slip platform and can be combined with a universal accessory of 4 bars (check accessories). It allows to install a second non-slip platform vertically with the accessory SHKU-A01-001. Dimensions (W x D x H): 360 x 430 x 106 mm. 200-240 V / 50-60 Hz. Protection grade IP21. Warranty 2 years



reference	description	pcs/pack	price/pack
SHKP-R70-001	3D shaker, LBX 3D-Pro	1	

ACCESSORIES AND SPARE PARTS FOR PRO SHAKERS

Non-slip platform and universal accessory with 4 bars for the Pro shakers. Compatible with the SHKP-500-001, SHKP-35L-001 and SHKP-R70-001 shakers

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reference	description	pcs/pack	price/pack
SHKP-A01-001	non-slip platform 30 x 28,5 cm	1	
SHKP-A02-001	universal accessory with 4 bars	1	
SHKP-A03-001	replacement bar for SHKP-A02-001	1	



PLATFORM AND CLIPS FOR SHAKERS

To be combined with SHKP-500-001/SHKP-35L-001/SHKP-R70-001 shakers. They require the fixation platform SHKP-A00-001. The SHKU-A01-001 connectors are used for connecting two non-slip platforms, one on top of the other

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reference	description	pcs/pack	price/pack
SHKP-A00-001	clip fixation platform for SHKP	1	
SHKU-025-001	clip for 25 ml Erlenmeyer (28 max.)	1	
SHKU-050-001	clip for 50 ml Erlenmeyer (16 max.)	1	
SHKU-100-001	clip for 100 ml Erlenmeyer (16 max.)	1	
SHKU-250-001	clip for 200/250 ml Erlenmeyer (9 max.)	1	
SHKU-500-001	clip for 500 ml Erlenmeyer (4 max.)	1	
SHKU-A01-001	connectors for double non-slip platform	1	



MAGNETIC STIRRING BAR, OCTAHEDRAL

Fully encapsulated with high-grade PTFE. For containers with bases that are slightly curved or uneven

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reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGO-013-005	8	13	5	
MAGO-015-005	8	15	5	
MAGO-022-005	8	22	5	
MAGO-025-005	8	25	5	
MAGO-028-005	8	28	5	
MAGO-038-005	8	38	5	
MAGO-051-005	10	51	5	
MAGO-075-005	13	75	5	
30 units "Saving package"				
MAGO-013-030	8	13	30	
MAGO-015-030	8	15	30	
MAGO-022-030	8	22	30	
MAGO-025-030	8	25	30	
MAGO-028-030	8	28	30	
MAGO-038-030	8	38	30	
MAGO-051-030	10	51	30	
MAGO-075-030	13	75	30	





MAGNETIC STIRRING BAR, CYLINDRICAL



Fully encapsulated with high-grade PTFE. General purpose stirrer for a wide variety of applications



reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGC-006-005	3	6	5	
MAGC-008-005	3	8	5	
MAGC-010-005	6	10	5	
MAGC-012-005	4,5	12	5	
MAGC-015-005	4,5	15	5	
MAGC-615-005	6	15	5	
MAGC-620-005	6	20	5	
MAGC-020-005	7	20	5	
MAGC-625-005	6	25	5	
MAGC-025-005	8	25	5	
MAGC-630-005	6	30	5	
MAGC-730-005	7	30	5	
MAGC-030-005	8	30	5	
MAGC-635-005	6	35	5	
MAGC-040-005	8	40	5	
MAGC-045-005	8	45	5	
MAGC-050-005	8	50	5	
MAGC-060-005	10	60	5	
MAGC-070-005	10	70	5	
MAGC-080-005	10	80	5	
30 units "Saving package"				
MAGC-006-030	3	6	30	
MAGC-008-030	3	8	30	
MAGC-010-030	6	10	30	
MAGC-012-030	4,5	12	30	
MAGC-015-030	4,5	15	30	
MAGC-615-030	6	15	30	
MAGC-020-030	7	20	30	
MAGC-620-030	6	20	30	
MAGC-025-030	8	25	30	
MAGC-625-030	6	25	30	
MAGC-630-030	6	30	30	
MAGC-730-030	7	30	30	
MAGC-030-030	8	30	30	
MAGC-635-030	6	35	30	
MAGC-040-030	8	40	30	
MAGC-045-030	8	45	30	
MAGC-050-030	8	50	30	
MAGC-060-030	10	60	30	
MAGC-070-030	10	70	30	
MAGC-080-030	10	80	30	





MAGNETIC STIRRING BAR, OCTAHEDRAL, COLOURED

For use where identification is important. Coloured PTFE coating which is not as inert and pure as PTFE

reference	∅ (mm)	h (mm)	color	pcs/pack	price/pack
MAGK-R13-005	8	13	red	5	
MAGK-B13-005	8	13	blue	5	
MAGK-Y13-005	8	13	yellow	5	
MAGK-R22-005	8	22	red	5	
MAGK-B22-005	8	22	blue	5	
MAGK-Y22-005	8	22	yellow	5	
MAGK-R38-005	8	38	red	5	
MAGK-B38-005	8	38	blue	5	
MAGK-Y38-005	8	38	yellow	5	
MAGK-R51-005	8	51	red	5	
MAGK-B51-005	8	51	blue	5	
MAGK-Y51-005	8	51	yellow	5	
MAGK-R75-005	13	75	red	5	
MAGK-B75-005	13	75	blue	5	
MAGK-Y75-005	13	75	yellow	5	



MAGNETIC STIRRING BAR, CROSSHEAD

Fully encapsulated with high-grade PTFE. Designed for use with tube-like containers

reference	∅ (mm)	h (mm)	pcs/pack	price/pack
MAGZ-010-001	10	8	1	
30 units "Saving package"				
MAGZ-010-030	10	8	30	



MAGNETIC STIRRING BAR, OVAL

Fully encapsulated with high-grade PTFE. For use in round bottomed flasks

reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGV-020-005	10	20	5	
MAGV-025-005	12	25	5	
MAGV-030-005	16	30	5	
MAGV-035-005	16	35	5	
MAGV-040-005	20	40	5	
MAGV-050-005	20	50	5	
30 units "Saving package"				
MAGV-020-030	10	20	30	
MAGV-025-030	12	25	30	
MAGV-030-030	16	30	30	
MAGV-035-030	16	35	30	
MAGV-040-030	20	40	30	
MAGV-050-030	20	50	30	



bx | MAGNETIC STIRRING BAR, PLAIN



Fully encapsulated with high-grade PTFE. Similar to cylindrical ones but more effective at low rpm

reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGP-012-005	3	12	5	
MAGP-025-005	8	25	5	
MAGP-040-005	8	40	5	
MAGP-050-005	8	50	5	
30 units "Saving package"				
MAGP-012-030	3	12	30	
MAGP-025-030	8	25	30	
MAGP-040-030	8	40	30	
MAGP-050-030	8	50	30	



bx | MAGNETIC STIRRING BAR, TRIANGULAR



Fully encapsulated with high-grade PTFE. Particularly effective for dissolving solids and mixing sediments because of their scraper-like action

reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGT-012-005	6	12	5	
MAGT-025-005	8	25	5	
MAGT-035-005	9	35	5	
MAGT-040-005	14	40	5	
MAGT-050-005	12	50	5	
30 units "Saving package"				
MAGT-012-030	6	12	30	
MAGT-025-030	8	25	30	
MAGT-035-030	9	35	30	
MAGT-040-030	14	40	30	
MAGT-050-030	12	50	30	



bx | MAGNETIC STIRRING BAR, MICRO



Fully encapsulated with high-grade PTFE. Designed for use with the smallest containers

reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGM-002-010	2	2	10	
MAGM-003-010	3	3	10	
MAGM-005-010	2	5	10	
MAGM-007-010	2	7	10	
MAGM-008-010	1,5	8	10	



MAGNETIC STIRRING BAR, GIANT

Pivot ring shape. Fully encapsulated with high-grade PTFE. Designed for use with the biggest containers



reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGG-057-001	24	57	1	
MAGG-108-001	24	108	1	
MAGG-159-001	24	159	1	

STIRPACK 1: 12 CYLINDRICAL MAGNETIC STIRRING BAR SET

Contains stirring bars of (∅xL): 3 x 8, 6 x 10, 4,5 x 12, 4,5 x 15, 7 x 20, 8 x 25 (2 pcs), 8 x 30 (2 pcs), 8 x 40, 8 x 45 and 10 x 60 mm



reference	description	pcs/pack	price/pack
MAGS-PK1-012	StirPack 1: 12 cylindrical stirring bars	12	

**STIRPACK 2: 12 OCTAHEDRAL MAGNETIC STIRRING BAR SET**

Contains stirring bars of (∅xL): 8 x 13 (2 pcs), 8 x 25 (3 pcs), 8 x 38 (3 pcs), 10 x 51 (2 pcs) and 13 x 75 (2 pcs) mm



reference	description	pcs/pack	price/pack
MAGS-PK2-012	StirPack 2: 12 octahedral stirring bars	12	

**STIRPACK 3: 17 ASSORTED MAGNETIC STIRRING BAR SET**

Contains stirring bars of (∅xL): 3 x 8, 6 x 10, 4,5 x 12, 7 x 20, 8 x 25 (2 pcs), 8 x 30 (2 pcs), 8 x 40, 8 x 50 y 10 x 70. 4 octahedral ones (∅xL): 8 x 25, 8 x 38, 10 x 51 y 13 x 75. 2 oval ones (∅xL): 10 x 20 and 16x30 mm



reference	description	pcs/pack	price/pack
MAGS-PK3-017	StirPack 3: 17 assorted stirring bars	17	

**MAGNET RETRIEVER, PTFE**

Moulded in pure FDA approved PTFE. Autoclavable



reference	∅ (mm)	l (mm)	pcs/pack	price/pack
MAGR-150-001	10	150	1	
MAGR-250-001	10	250	1	
MAGR-350-001	10	350	1	



OMM | **BUNSEN BURNER WITH TAP**

Bunsen with tap and flame stabilizer. Nickel-plated brass tube 11 mm diameter x 130 mm height (BUNS-P01-001 and BUNS-PC1-001: 11 mm diameter x 150 mm height). Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection



reference	type	pcs/pack	price/pack
BUNS-B01-001	for LPG, standard connection	1	
BUNS-BC1-001	for LPG, 1/4" male thread connection	1	
BUNS-N01-001	for natural gas, standard connection	1	
BUNS-NC1-001	for natural gas, 1/4" male thread connection	1	
BUNS-P01-001	polygas, standard connection	1	
BUNS-PC1-001	polygas, 1/4" male thread connection	1	

OMM | **SEKUR-FLAM BURNER**

Bunsen with tap and flame stabilizer. Designed with a security valve to stop the gas if there is any accidental flame turn off. Security valves are approved and delivered with CE conformity certificate according to EU directive UE 2016/426. Nickel-plated brass tube 11 mm diameter x 130 mm height (BUNS-P02-001 and BUNS-PC2-001: 11 mm diameter x 150 mm height). Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection



reference	type	pcs/pack	price/pack
BUNS-B02-001	for LPG, standard connection	1	
BUNS-BC2-001	for LPG, 1/4" male thread connection	1	
BUNS-N02-001	for natural gas, standard connection	1	
BUNS-NC2-001	for natural gas, 1/4" male thread connection	1	
BUNS-P02-001	polygas, standard connection	1	
BUNS-PC2-001	polygas, 1/4" male thread connection	1	

OMM | **SEKUR-FLAM BURNER WITH PIEZOELECTRIC LIGHTING**

Bunsen with tap, flame stabilizer and piezoelectric lighting. Designed with a security valve to stop the gas if there is any accidental flame turn off. Security valves are approved and delivered with CE conformity certificate according to EU directive UE 2016/426. Nickel-plated brass tube 11 mm diameter x 130 mm height. Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection



reference	type	pcs/pack	price/pack
BUNS-B03-001	for LPG, standard connection	1	
BUNS-BC3-001	for LPG, 1/4" male thread connection	1	
BUNS-N03-001	for natural gas, standard connection	1	
BUNS-NC3-001	for natural gas, 1/4" male thread connection	1	

MEKER BURNER WITH GRID AND TAP

Meker burners with grid, screw tap and air regulator. Nickel-plated brass tube 15 mm diameter x 140 mm height. Available with standard connection where the connection to the gas pipe must be blocked with a hose clamp (not included) or with a 1/4" male thread connection

reference	type	pcs/pack	price/pack
BUNS-BM1-001	for LPG, standard connection	1	
BUNS-BMC-001	for LPG, 1/4" male thread connection	1	
BUNS-NM1-001	for natural gas, standard connection	1	
BUNS-NMC-001	for natural gas, 1/4" male thread connection	1	




ALCOHOL BURNER

Made of glass, includes one wick, with a plastic cap and a removable metal seal

reference	type	pcs/pack	price/pack
ALBN-060-001	60 ml	1	
ALBN-150-001	150 ml	1	
ALBN-250-001	250 ml	1	
"Saving package"			
ALBN-060-006	60 ml	6	
ALBN-150-006	150 ml	6	
ALBN-250-006	250 ml	6	





Spare parts

ALBN-WI1-010	wicks for 60 ml alcohol burner	10	
ALBN-WI2-010	wicks for 150 ml and 250 ml alcohol burners	10	

PIEZOELECTRIC LIGHTER

To light Bunsen burner. Rechargeable

reference	type	pcs/pack	price/pack
LIGH-002-001	gas	1	




BASIC HEATING PLATE, HP-B1

Basic heating plate for occasional heating, not suitable for continuous use at maximum power. Regulable power (5 positions). 230 V / 50 Hz. Warranty 2 years

reference	power	pan size	pcs/pack	price/pack
HEAB-1K4-001	1500 W	∅ 185 mm	1	





BASIC HEATING PLATE, JECE1233 AND CE220

Basic heating plate for occasional heating, not suitable for continuous use at maximum power. Regulable power (5 positions). Overheating protection. 230 V / 50 Hz. Warranty 2 years

reference	number of plates	power	pan size	model	pcs/pack	price/pack
HEAB-1K7-001	1	1500 W	∅ 187 mm	JECE1233	1	
HEAB-1K8-001	2	1500 / 750 W	∅ 187 / 157 mm	CE220	1	






HEATING PLATE WITH DIGITAL SCREEN, HP550-S



Can support long time continuous work. Glass ceramic heating plate of 184 x 184 mm. Temperature adjustable up to 550 °C (5 °C increments). Digital screen that shows the temperature (± 1 °C). Includes an external temperature sensor PT1000 that allows a real-time temperature control. Support clamp for temperature sensor STIH-A04-001 not included. Heating power: 1000 W. Separated safety circuits, automatically stopping heating when temperature goes over 580 °C. HOT warning indicates residual hotplate temperature, even if switched off. External dimensions (L x W x H): 360 x 215 x 112 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
NHOT-550-001	heating plate Onilab HP550-S with sensor Pt1000 included	1	



SILICONE OIL FOR HEATING BATHS

Stable at heating and withstanding high temperatures (-50 +200°C). High chemical stability, low evaporation and low variation of viscosity with temperature



reference	type	package	price/pack
SOIL-100-1K0	LBSil 100	1 L	
SOIL-100-5K0	LBSil 100	5 L	



THERMOSTATIC BATHS, WB01



Metal housing with an exterior metallic structure covered with epoxy (anti-rust treatment) and stainless steel interior chamber. Digital temperature regulation from room temperature 5 °C up to 100°C (Resolution: 1 °C). Continuous mode or programmed periods with acoustic signal at the end of the selected time. Timer from 1 min. up to 9999 min. Double digital display temperature and time. Acoustic signal indicates overheating of the bath. "Perforated shelf" accessory, removable lid with holes (11 cm) and reduction rings (8 and 5 cm) included. Drainage hose (except model TWBA-001-001). 220 V \pm 10%, 50-60 Hz \pm 1. Warranty 2 years



reference	capacity	power (W)	holes	bath / useable dimensions (l x w x h)	pcs/pack	price/pack
TWBA-001-001	3 L	400	1	150 x 135 x 150 / 100 mm	1	
TWBA-002-001	6,1 L	500	2	300 x 135 x 150 / 100 mm	1	
TWBA-004-001	14,6 L	1000	4	325 x 300 x 150 / 100 mm	1	
TWBA-006-001	22,5 L	1500	6	500 x 300 x 150 / 100 mm	1	



THERMOSTATIC BATH, WB-PRO



Durable stainless steel chamber and transparent lid. Digital temperature regulation from room temperature + 5 °C up to 99 °C (Resolution: 0,1 °C). Precise temperature control (accuracy \pm 0,5 °C). Continuous mode or programmed periods with acoustic signal at the end of the selected time (stores three temperature presets). Timer from 1 min. up to 999 min. LED display of temperature and time, user-friendly touch keys. Dry-start protection feature for improved safety. Over-temperature cut-off and alarm. 200-240 V / 50-60 Hz. Warranty 2 years



reference	capacity	power (W)	holes	useful dimensions (l x w x h)	pcs/pack	price/pack
TWBE-001-001	2 L	200	1	115 x 130 x 150 mm	1	
TWBE-002-001	5 L	450	2	280 x 130 x 150 mm	1	

THERMOSTATIC BATH WITH SHAKING, WB-S

Metal housing with an exterior metallic structure covered with epoxy (anti-rust treatment). Tank and upper cover of stainless steel. Polyurethane insulation layer. Platform with elastic springs that can hold different container sizes. Digital temperature regulation from room temperature 5 °C up to 100 °C (Resolution: 0,1 °C). Reciprocal oscillation amplitude: 16 mm. Reciprocating frequency range: 20-180 rpm (± 1 rpm). Silent mechanism. Continuous mode or programmed periods with acoustic signal at the end of the selected time. Timer from 1 min. up to 9999 min. Digital screen that shows temperature, speed and time. Overtemperature alarm. Drainage hose. 220 V \pm 10%; 50-60 Hz. Warranty 2 years

reference	capacity	power (W)	internal dim. (l x w x h))	external dim. (l x w x h)	pcs/pack	price/pack
TWBS-031-001	31 L	1500	500 x 310 x 200 mm	828 x 360 x 425 mm	1	



TRANSPARENT THERMOSTATIC BATH, WB-T

Shell, interior and cover made of high-quality transparent plastics that allow to clearly see the object to be heated. Lid and rack included. Digital temperature regulation from RT+5 °C up to 100 °C (Resolution 1 °C). Can work in continuous mode or programmed by a digital timer (1-9999 min). Double digital display for temperature and time. Overtemperature alarm. Rack for 48 tubes of up to 18 mm diameter. 220 V \pm 10%; 50-60 Hz \pm 1. Warranty 2 years

reference	capacity	power (W)	internal dim. (l x w x h))	external dim. (l x w x h)	pcs/pack	price/pack
TWBT-009-001	8,2 L	800	280 x 220 x 150 mm	400 x 260 x 190 mm	1	

Accessories and spare parts

TWBT-A01-001		test tube rack and resistance cover for LBX WB-T			1	
TWBT-A02-001		top cover for LBX WB-T			1	



MINI ULTRASONIC BATH WITH TIMER, WITHOUT HEATING, ULTR SMALL

Designed for cleaning small laboratory objects. Lid and basket included. 0,8 L stainless steel bath resistant to water and digital screen for the timing view. Frequency: 40 kHz. Timer: 0-30 min. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ultrasound power	bath dim. (l x w x h))	basket dim. (l x w x h)	pcs/pack	price/pack
ULTR-0L8-001	0,8 L	50 W	150 x 85 x 65 mm	135 x 70 x 40 mm	1	



HEATED ULTRASONIC BATH WITH TIMER, ULTR

Stainless steel body and bath resistant to water. Lid and basket included. Digital screen that shows temperature and timing. Temperature control (adjustable from RT to 80 °C). Timer: 0-30 min. Frequency: 40 kHz. The 6,5 L – 30 L models have a drainage valve. Replacement baskets available on the website. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ultrasound power	bath dim. (l x w x h))	basket dim. (l x w x h)	pcs/pack	price/pack
ULTR-2L0-001	2 L	80 W	150 x 135 x 100 mm	130 x 110 x 70 mm	1	
ULTR-3L2-001	3,2 L	120 W	240 x 135 x 100 mm	210 x 110 x 50 mm	1	
ULTR-6L5-001	6,5 L	180 W	300 x 150 x 150 mm	270 x 115 x 110 mm	1	
ULTR-10L-001	10 L	240 W	300 x 240 x 150 mm	260 x 200 x 90 mm	1	
ULTR-15L-001	15 L	360 W	330 x 300 x 150 mm	290 x 260 x 90 mm	1	
ULTR-30L-001	30 L	600 W	500 x 300 x 200 mm	450 x 260 x 120 mm	1	



lbx | DIGITAL DRY BATH, HDB120 SERIES



Dry heating system by metal blocks of 150 x 95 mm. Temperature adjustable up to 120°C (accuracy $\pm 0,5^{\circ}\text{C}$). Two function mode: continuous or timed operation (1' - 99h59'). Heating power: 160 W. LED display for temperature and time. Heating block for 40 tubes of 1,5/2 ml delivered with the dry bath (DHDB-B03-001). Different applications thanks to a variety of interchangeable blocks (not included). Over temperature protection. External dimensions (L x W x H): 290 x 175 x 85 mm. 200-240 V / 50-60 Hz, insulation rating IP21 (DIN EN60529). Warranty 2 years



reference	description	pcs/pack	price/pack
DHDB-120-001	digital dry bath, LBX HDB120 series	1	
Heating block			
DHDB-B01-001	for 54 tubes of 0,2 ml (\varnothing hole: 6,4 mm, depth: 15 mm)	1	
DHDB-B02-001	for 40 tubes of 0,5 ml (\varnothing hole: 8,2 mm, depth: 26,4 mm)	1	
DHDB-B03-001	for 40 tubes of 1,5/2 ml (\varnothing hole: 11 mm, depth: 34,7 mm)	1	
DHDB-B04-001	for 28 tubes of 5/15 ml (\varnothing hole: 17 mm, depth: 48 mm)	1	
DHDB-B05-001	for 8 tubes of 50 ml (\varnothing hole: 29,8 mm, depth: 29,8 mm)	1	
DHDB-B06-001	for 96 or 384 microplate	1	

DLAB | DIGITAL THERMOSTATIC BLOCK WITH SHAKING, HCM100-PRO



Excellent mixing and temperature control to ensure reproducible results. Wide range of applications, such us gene synthesis and purifications, protein and gene denaturation, enzymatic reaction, bacterial growth, etc. Compatible with a wide range of tubes (includes DTBW-A02-001, rest of blocks are not included). Mixing frequency: 200-1500 rpm. Max. heating temperature: 100 °C, Max. cooling temperature: RT-15 °C. Heating: 5,5 °C/min, cooling: 5 °C/min and 0,5 °C/min under room temperature. Temperature control accuracy: $\pm 0,5^{\circ}\text{C}$. Temperature uniformity: Max. $\pm 0,5^{\circ}\text{C}$. Mixing orbit: 3 mm. Programmable in multiple steps (up to 9 programs can be saved). Overtemperature protection: 150 °C. Dimensions: 200 x 235 x 120 mm. Weight: 7,3 kg. 200-240 V, 50-60 Hz, 200 W. Warranty 2 years



reference	description	pcs/pack	price/pack
DTBW-100-001	digital thermostatic block with shaking, DLAB HCM100-Pro	1	
Accessories and spare parts			
DTBW-A01-001	adapter block, 24 x 0,5mL, 1500rpm, \varnothing x depth: 8,1 x 26 mm	1	
DTBW-A02-001	adapter block, 24 x 1,5mL, 1500rpm, \varnothing x depth: 10,9 x 30,8 mm	1	
DTBW-A03-001	adapter block, 24 x 2mL, 1500rpm, \varnothing x depth: 10,9 x 30,8 mm	1	
DTBW-A04-001	adapter block, 8 x 5mL, 1500rpm, \varnothing x depth: 13,6 x 42 mm	1	
DTBW-A05-001	adapter block, 8 x 15mL, 800rpm, \varnothing x depth: 6,5 x 80 mm	1	
DTBW-A06-001	adapter block, 4 x 50mL, 600rpm, \varnothing x depth: 29,6 x 80 mm	1	
DTBW-A07-001	well plate adapter	1	
DTBW-A08-001	adapter block for PCR, 96 x 0,2mL, 1500rpm	1	

HEATING MANTLE, HM01 SERIES

Heating mantle with electronic temperature regulation for distillation, digestion, evaporation, extraction and boiling. Maximum mantle temperature of 450 °C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Continuous operation. Fast, uniform and safety temperature regulation. Featured by anti-corrosion, age-resistant, durable and safe. Easy to operate. Includes aluminum rod and retort clamp for thermometer holding. 220 V / 50 Hz. Warranty 2 years



reference	capacity	power (W)	∅ x h (mm)	pcs/pack	price/pack
HEAM-051-001	50 ml	80	200 x 160	1	
HEAM-101-001	100 ml	100	200 x 160	1	
HEAM-251-001	250 ml	150	200 x 160	1	
HEAM-501-001	500 ml	250	200 x 160	1	
HEAM-1K1-001	1000 ml	350	260 x 200	1	
HEAM-2K1-001	2000 ml	450	300 x 230	1	



HEATING MANTLE WITH DIGITAL SCREEN, HM01-D

Heating mantle with electronic temperature regulation. External temperature sensor Pt100 allows real-time temperature control through the digital screen. Maximum mantle temperature of 450°C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Continuous operation. Fast, uniform and safe temperature regulation. Includes aluminum rod, retort clamp and a Pt100 temperature sensor. 220 V / 50 Hz. Warranty 2 years



reference	capacity	power (W)	∅ x h (mm)	pcs/pack	price/pack
HMAD-100-001	100 ml	100	200 x 160	1	
HMAD-250-001	250 ml	150	200 x 160	1	
HMAD-500-001	500 ml	250	200 x 160	1	
HMAD-1K0-001	1000 ml	350	260 x 200	1	
HMAD-2K0-001	2000 ml	450	300 x 230	1	

Accessories and spare parts

HMAD-A01-001	Pt100 temperature sensor	1
HMAD-A02-001	PTFE protective sleeve for temperature probe Pt100	1



HEATING MANTLE WITH STIRRING, HM02

Heating mantle with electronic temperature regulation and magnetic stirring. Speed range: 0 - 1400 rpm. Maximum mantle temperature of 450 °C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Heating and stirring can be used simultaneously. Continuous operation. Fast, uniform and safety temperature regulation. Includes stirring magnet, aluminum rod and retort clamp for thermometer holding. 220 V / 50 Hz. Warranty 2 years



reference	capacity	power (W)	∅ x h (mm)	pcs/pack	price/pack
MSHM-100-001	100 ml	100	200 x 160	1	
MSHM-250-001	250 ml	150	200 x 160	1	
MSHM-500-001	500 ml	250	200 x 160	1	
MSHM-1K0-001	1000 ml	350	260 x 200	1	
MSHM-2K0-001	2000 ml	450	300 x 230	1	



labbox | HEATING MANTLE WITH STIRRING AND DIGITAL SCREEN, HM02-D



Heating mantle with electronic temperature regulation and magnetic stirring. External temperature sensor Pt100 allows real-time temperature control through the digital screen. Speed range: 0 - 1600 rpm. Maximum mantle temperature of 450 °C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Heating and stirring can be used simultaneously. Continuous operation. Fast, uniform and safety temperature regulation. Includes stirring magnet, aluminum rod, retort clamp and a Pt100 temperature sensor. 220 V / 50 Hz. Warranty 2 years



reference	capacity	power (W)	Ø x h (mm)	pcs/pack	price/pack
HMSD-100-001	100 ml	100	200 x 160	1	
HMSD-250-001	250 ml	150	200 x 160	1	
HMSD-500-001	500 ml	250	200 x 160	1	
HMSD-1K0-001	1000 ml	350	260 x 200	1	
HMSD-2K0-001	2000 ml	450	300 x 230	1	

Accessories and spare parts

HMAD-A01-001	Pt100 temperature sensor	1		
HMAD-A02-001	PTFE protective sleeve for temperature probe Pt100	1		

labbox | HEATING MANTLE, MULTI-ROW, HMM1



Electronic temperature regulation for each position. Maximum mantle temperature of 450°C at the surface (the maximum temperature reached by the liquid is lower due to heat loss). Continuous operation. Fast, uniform and safety temperature regulation. Featured by anti-corrosion, age-resistant, durable and safe. Easy to operate. Includes aluminum rod and retort clamp for montages. 220V/50Hz. Warranty 2 years



reference	capacity	positions	power (W)	external dimensions (L x W x H)	pcs/pack	price/pack
MRHM-254-001	250 ml	4	150	610 x 160 x 170 mm	1	
MRHM-256-001	250 ml	6	150	940 x 160 x 170 mm	1	
MRHM-504-001	500 ml	4	250	690 x 180 x 180 mm	1	
MRHM-506-001	500 ml	6	250	1060 x 180 x 180 mm	1	



HEATING MANTLES

Heating mantles are essential laboratory devices used to **apply controlled heat** to glassware such as round-bottomed flasks during **chemical reactions, distillations, and other processes**.

When selecting a heating mantle, an important factor to consider is the **size compatibility with the vessel**. Only vessels with an adequate size guarantee a safe and homogenous heating process, as the heat transfer is based on direct contact between the surface of the heating mantle and the vessel.

A reliable heating mantle offers **efficient heating, durability, ease of maintenance and user-friendly operation**, thereby being a useful instrument for a wide range of laboratory processes and experiments.

SHAKING INCUBATOR, INC-S

ABS exterior, polyurethane insulation layer, stainless steel inner chamber. Air circulation system that homogenizes the temperature in the working room. Resolution: 0,1 °C. Temperature fluctuation: $\pm 0,1$ °C. The reference CTSI-070-001 features a cooling function that allows reaching temperatures below ambient temperature (temperature range: 4 - 65 °C). Orbital shaking speed: 30 - 300 rpm (precision ± 1 rpm). Orbital diameter: 20 mm. Large LCD screen that shows temperature, shaking speed and timer (0-9999 min). DC Brushless motor, maintenance free, with progressive start and security system. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (mm) (L x W x H)	int. dim. (mm) (L x W x H)	platform dimensions (mm)	pcs/pack	price/pack
CTSI-050-001	50 L	500 x 640 x 480	455 x 380 x 290	380 x 320	1	
CTSI-070-001	70 L	600 x 660 x 500	560 x 390 x 320	480 x 315	1	

Accessories and spare parts

CTSI-A00-001	tray (380 x 320 x 100 mm) for CTSI-050-001				1	
CTSI-A01-001	tray (480 x 315 x 100 mm) for CTSI-070-001				1	
CTSI-A02-001	100 ml flask clip				1	
CTSI-A03-001	250 ml flask clip				1	
CTSI-A04-001	500 ml flask clip				1	
CTSI-A05-001	1000 ml flask clip				1	

labbox



HIGH PRECISION CONSTANT TEMPERATURE INCUBATOR, INC65

Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Air circulation system that homogenizes the temperature in the working room. For temperatures up to 70 °C. Resolution: 0,1 °C. Temperature fluctuation: $\pm 0,5$ °C. Two LCD screens that show the real and the established temperature. Timing function (0-9999min). UV sterilization function. Homogeneity and stability of the temperature: $\pm 0,8$ °C. Crystal interior door that allows to see the samples. Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack
INCUC-045-001	45 L	525 x 480 x 620 mm	350 x 350 x 350 mm	7	1	
INCUC-065-001	65 L	575 x 480 x 720 mm	400 x 350 x 450 mm	9	1	
INCUC-125-001	125 L	675 x 580 x 820 mm	500 x 450 x 550 mm	13	1	

labbox



REFRIGERATED INCUBATOR, INC-R

Ideal for BOD and other processes that require a low temperature during long periods of time. Cooling function that allows reaching temperatures below ambient. Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Air circulation system that homogenizes the temperature in the working room. Polyurethane insulation layer. Fluoride-free refrigeration. Temperature range: 0 - 65 °C. Resolution: 0,1 °C. Temperature motion: $\pm 0,5$ °C (high temperature), ± 1 °C (low temperature). Temperature uniformity: $\pm 1,5$ °C. Two LCD screens that show the real and the established temperature. Timing function (0 - 99 h 59 min). Crystal interior door that allows to see the samples. Internal universal power socket with cover (compatible with EU and UK). Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack
INCR-070-001	70 L	560 x 570 x 1030 mm	350 x 415 x 500 mm	9	1	
INCR-150-001	150 L	620 x 640 x 1290 mm	400 x 490 x 750 mm	12	1	

labbox





lbx

CE

REFRIGERATED INCUBATOR WITH HUMIDITY CONTROL, INC-H

Cooling function that allows reaching temperatures below ambient temperature. Inner humidifying system that uses small particles and has a low water consumption. Intelligent defrosting function. Alarm function indicating when the container is short of water. Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Air circulation system that homogenizes the temperature in the working room. Polyurethane insulation layer. Temperature range: 10 - 65 °C (0 - 65 °C, without humidification). Resolution: 0.1 °C. Temperature motion: ± 0,5 °C (high temperature), ± 1 °C (low temperature). Temperature uniformity: ± 1 °C. Humidity range: 45 - 95% RH. Humidity stability: ± 5%. Large digital display that shows time, temperature, humidity, cycle period, segments, alarms and other indicators. Timing function (0 - 99 h 59 min). Crystal interior door that allows to see the samples. LED lighting. Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack
INCH-070-001	70 L	571 x 591 x 1051 mm	415 x 350 x 500 mm	5	1	
INCH-150-001	150 L	646 x 641 x 1301 mm	490 x 400 x 750 mm	9	1	



lbx

CE

CO₂ INCUBATOR, INC-C

Used in life sciences, immunology, genetics, microbiology, cell biology, etc. Using CO₂, the pH is adapted and, in this way, this incubator not only provides the right temperature and humidity, but also a favorable pH for cell growth. Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Internal tempered glass door. Heating with air-jacket. Temperature range: RT +3 °C - 60°C. Resolution: 0.1 °C. Temperature uniformity: ± 1,5 °C. LCD displays. Timing function (0 - 9999 min). UV sterilization function. Alarm functions (over-temperature alarm, temperature sensor error alarm, water shortage alarm, CO₂ concentration alarm, and CO₂ shortage alarm). Supplied with two grid trays adjustable in height (can accept more trays, see table). Compatible with conventional CO₂ cylinders. 220-240V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack
INCC-080-001	80 L	571 x 591 x 1051 mm	415 x 350 x 500 mm	8	1	

lbx

CE

FORCE AIR DRYING OVEN, OVF

Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Adjustable temperatures from 40 °C to 300 °C. Resolution: 0.1 °C. Fluctuation of the temperature: ± 1 °C. Temperature regulation by microprocessor with functions like over-temperature protection, sensor fault alarm, fixed temperature operation, timing function (0-9999 min), correction of deviation, internal parameter locked, etc. Homogeneity and temperature stability: ± 2.5%. Adjustable feet to facilitate the installation and leveling of the oven. Door with 180° opening window with double thermal safety glass for external control, without temperature variations in the inner chamber. Forced air convection. Standard fan switch that allows to work with natural convection (except for DOVF-230-001 oven, which does not have a fan switch). Easy to clean. Supplied with two grid trays adjustable in height (can accept more trays, see table). 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack
DOVF-030-001	30 L	450 x 500 x 690 mm	310 x 310 x 310 mm	6	1	
DOVF-045-001	45 L	490 x 540 x 730 mm	350 x 350 x 350 mm	7	1	
DOVF-065-001	65 L	540 x 550 x 830 mm	400 x 360 x 450 mm	9	1	
DOVF-125-001	125 L	640 x 640 x 930 mm	500 x 450 x 550 mm	13	1	
DOVF-230-001	230 L	735 x 835 x 1115 mm	600 x 500 x 750 mm	17	1	



VACUUM DRYING OVEN, OVV

Metallic outer case painted with epoxy resin. Inner chamber in mirror stainless steel. Four walls heating method. Double observation window with explosion-proof glass. Fastening handle, convenient for opening and closing the door. Adjustable temperatures from RT + 10 °C to 250 °C. Resolution: 0.1 °C. Fluctuation of the temperature: ± 1 °C. Temperature regulation by microprocessor with functions like over-temperature protection, sensor fault alarm, fixed temperature operation, timing function (0-9999 min), correction of deviation, internal parameter locked, etc. Easy to clean. Supplied with two grid trays adjustable in height. 220-240 V / 50-60 Hz. Recommended vacuum pump: VACU-K10-001. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	n° of shelves	pcs/pack	price/pack
DOVV-024-001	24 L	480 x 480 x 606 mm	300 x 300 x 270 mm	2	1	
DOVV-052-001	52 L	560 x 540 x 680 mm	415 x 370 x 340 mm	2	1	



SHELVES FOR INCUBATORS AND OVENS

Shelves for LBX INC65, INC-R, INC-H, INC-C incubators and LBX OVF ovens

reference	description	pcs/pack	price/pack
INCU-A01-001	shelf for INCU-045-001	1	
INCU-A02-001	shelf for INCU-065-001	1	
INCU-A03-001	shelf for INCU-125-001	1	
DOVF-A01-001	shelf for DOVF-030-001	1	
DOVF-A02-001	shelf for DOVF-045-001	1	
DOVF-A03-001	shelf for DOVF-065-001	1	
DOVF-A04-001	shelf for DOVF-125-001	1	
DOVF-A06-001	shelf for DOVF-230-001	1	
INCR-A01-001	shelf for INCR-070-001	1	
INCR-A02-001	shelf for INCR-150-001	1	
INCH-A02-001	shelf for INCH-070-001	1	
INCH-A03-001	shelf for INCH-150-001	1	
INCC-A01-001	shelf for INCC-080-001	1	



"MUFFLE FURNACE FOR LABORATORY, MF12

Metallic outer case painted with epoxy resin. Insulation layer and inner chamber of ceramic fiber. LED screen that shows the real and established temperature. Temperature range: 100 - 1200 °C. Resolution: 1 °C. Temperature rising time to max. temperature: ≤ 30 min. Timer function (1 - 9999 min). Safety devices: manual door security lock, over temperature sound and light alarm, heat emission turns off automatically when door is opened, over-temperature protection, furnace disconnection by thermocouple failure. 220-240 V / 50-60 Hz. Warranty 2 years

reference	capacity	ext. dim. (L x W x H)	int. dim. (L x W x H)	power	pcs/pack	price/pack
MUFU-020-001	2 L	685 x 450 x 600 mm	200 x 120 x 80 mm	1,5 kW	1	
MUFU-072-001	7,2 L	785 x 530 x 640 mm	300 x 200 x 120 mm	3,0 kW	1	
MUFU-120-001	12 L	785 x 530 x 720 mm	300 x 200 x 200 mm	4,5 kW	1	





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CLAY PIPE TRIANGLE

With stainless steel wires

reference	side length (mm)	min. crucible \varnothing (mm)	pcs/pack	price/pack
PITC-050-006	50	30	6	
PITC-060-006	60	40	6	
PITC-075-006	75	50	6	

HDN
ceramics

MELTING CRUCIBLE HIGH FORM, WITH LID *BASIC LINE*

Price includes crucible and lid. Glazed inside and outside



reference	capacity	\varnothing_{rim} (mm)	h (mm)	pcs/pack	price/pack
CRHC-015-006	15 ml	32	34	6	
CRHC-020-006	20 ml	36	38	6	
CRHC-030-006	30 ml	40	46	6	
CRHC-040-006	40 ml	42	54	6	
CRHC-050-006	50 ml	43	58	6	



WHAT ARE LABORATORY CRUCIBLES AND HOW TO CHOOSE THE RIGHT MODEL?

Laboratory crucibles are containers with **high chemical and thermal resistance** used for heating, calcination, dehydration, burning, or melting substances. Their applications are varied and include **high-temperature chemical reactions** or different **analytical methods**.

There is a variety of crucible types, so when choosing a crucible, it is important to consider factors such as the **material** (porcelain, quartz, alumina, etc.), **size** (chosen based on the sample size), **shape** (high and low forms, boat, casserole with handle, etc.), **temperature**, or **chemical compatibility**.

MATERIAL	MAX. TEMP.	CHARACTERISTICS
Porcelain	1000 °C	<ul style="list-style-type: none"> high thermal resistance (however, it is essential to heat and cool it gradually) high chemical inertia (even to most acids, but not to hydrofluoric acid or alkaline substances) high durability relatively economical material
Quartz	1100 °C	<ul style="list-style-type: none"> high thermal resistance high chemical inertia (even to most acids, but not to hydrofluoric acid) easy to clean transparent, allowing observation suitable for chemical reactions and the melting of samples
Alumina	1750 °C	<ul style="list-style-type: none"> very high thermal resistance high chemical resistance highly versatile and widely used
PTFE	280 °C	<ul style="list-style-type: none"> high thermal resistance compared to other thermoplastic materials high chemical inertia easy to clean (thanks to the smooth surface)
Nickel	600 °C	<ul style="list-style-type: none"> thermal conductivity high chemical resistance to certain substances (such as chlorine), but less resistant to others (like certain acids) high durability easy to clean
Stainless steel	800 °C	<ul style="list-style-type: none"> thermal conductivity also suitable for cryogenic applications (resistant to low temperatures down to -180 °C) high durability easy to clean

MELTING CRUCIBLE MEDIUM FORM, WITH LID BASIC LINE

Made of porcelain. Glazed inside and outside. Price includes crucible and lid

reference	capacity	\varnothing_{rim} (mm)	h (mm)	pcs/pack	price/pack
CRMC-015-006	15 ml	35	30	6	
CRMC-020-006	20 ml	38	32	6	
CRMC-025-006	25 ml	40	36	6	
CRMC-030-006	30 ml	42	41	6	
CRMC-040-006	40 ml	48	42	6	
CRMC-050-006	50 ml	53	46	6	
CRMC-100-006	100 ml	63	59	6	

HDN
ceramics

**MELTING CRUCIBLE HIGH FORM PREMIUM LINE**

Made of upper grade porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim and lower bottom. Do not include cover

reference	capacity	\varnothing_{rim} (mm)	h (mm)	cover type	pcs/pack	price/pack
CRHK-005-006	5 ml	24	20	A	6	
CRHK-010-006	10 ml	31	26	B	6	
CRHK-015-006	15 ml	35	29	C	6	
CRHK-025-006	25 ml	40	32	D	6	
CRHK-030-006	30 ml	43	37	D	6	
CRHK-040-006	40 ml	50	40	E	6	
CRHK-050-006	50 ml	53	43	F	6	
CRHK-100-006	100 ml	65	54	G	6	
CRHK-250-003	250 ml	88	72	I	3	

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ceramics

**MELTING CRUCIBLE LOW FORM PREMIUM LINE**

Made of upper grade porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim and lower bottom. Do not include cover

reference	capacity	\varnothing_{rim} (mm)	h (mm)	cover type	pcs/pack	price/pack
CRLK-010-006	8 ml	32	20	B	6	
CRLK-020-006	17 ml	41	26	D	6	
CRLK-030-006	30 ml	50	31	E	6	
CRLK-050-006	50 ml	61	37	G	6	
CRLK-100-006	100 ml	76	46	H	6	
CRLK-150-006	150 ml	84	52	I	6	
CRLK-250-006	250 ml	102	60	J	6	
CRLK-500-006	500 ml	120	87	N/A	6	

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HDN
ceramics**CRUCIBLE COVER PREMIUM LINE**

Made of upper grade porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim

reference	$\varnothing_{int.}$ (mm)	cover type	pcs/pack	price/pack
CRCK-026-006	26	A	6	
CRCK-034-006	34	B	6	
CRCK-038-006	38	C	6	
CRCK-047-006	47	D	6	
CRCK-053-006	53	E	6	
CRCK-058-006	58	F	6	
CRCK-069-006	69	G	6	
CRCK-080-006	80	H	6	
CRCK-093-006	93	I	6	
CRCK-108-006	105	J	6	

HDN
ceramics**GOOCH CRUCIBLE WITH PERFORATED BOTTOM PREMIUM LINE**

Made of porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except rim and lower bottom. Does not include cover

reference	capacity	\varnothing_{top} (mm)	h (mm)	for paper filter \varnothing	pcs/pack	price/pack
CRGK-015-006	15 ml	29	32	15-16 mm	6	
CRGK-030-006	30 ml	36	45	20-21 mm	6	
CRGK-050-006	50 ml	40	49	23-24 mm	6	



LBC

**QUARTZ CRUCIBLE, TRANSPARENT**

Tall form. They can withstand temperatures up to 1100 °C. Price includes crucible and lid

reference	capacity	\varnothing_{top} (mm)	h (mm)	pcs/pack	price/pack
CRQZ-020-001	20 ml	35	41	1	
CRQZ-025-001	25 ml	37	45	1	
CRQZ-030-001	30 ml	39	49	1	
CRQZ-050-001	50 ml	46	59	1	
CRQZ-100-001	100 ml	57	72	1	



To prolong the life of the porcelain material, use gradual heating and cooling speeds. Use an oven or hot plate as an intermediate step when fast heating/cooling speeds are required. When using a bunsen burner, increase the flame intensity gradually. Avoid contact of the hot material with a cold surface. Carefully inspect the laboratory material before each use and never use material that appears to be defective.

ALUMINA CRUCIBLE HIGH FORM PREMIUM LINE

Made of alumina 99,7 % withstanding temperatures up to 1750 °C. Unglazed. Do not include cover

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ceramics



reference	capacity	\varnothing_{top} (mm)	h (mm)	pcs/pack	price/pack
ACHF-010-001	10 ml	30	31	1	
ACHF-020-001	20 ml	40	35	1	
ACHF-050-001	50 ml	51	47	1	
ACHF-100-001	100 ml	60	62	1	
ACHF-250-001	250 ml	80	94	1	

**CRUCIBLE, PTFE**

Isostatically molded in pure, FDA approved, PTFE. Totally chemically resistant and inert. Use up to 280 °C

astik's



reference	capacity	\varnothing_{top} (mm)	h (mm)	pcs/pack	price/pack
PTFC-005-001	5 ml	27	16	1	
PTFC-025-001	25 ml	44	26	1	
PTFC-075-001	75 ml	56	41	1	
PTFC-100-001	100 ml	60	45	1	

**NICKEL CRUCIBLE**

Withstanding temperatures up to 600 °C. Does not include cover

clink



reference	capacity	\varnothing_{top} (mm)	h (mm)	pcs/pack	price/pack
CRNK-030-001	30 ml	40	35	1	
CRNK-060-001	60 ml	50	45	1	
CRNK-110-001	110 ml	60	55	1	

**STAINLESS STEEL CRUCIBLE**

For temperatures from -180 °C up to 800 °C. Does not include cover

clink



reference	capacity	\varnothing_{top} (mm)	h (mm)	pcs/pack	price/pack
CRIX-030-001	30 ml	40	35	1	
CRIX-060-001	60 ml	50	45	1	
CRIX-110-001	110 ml	60	55	1	
CRIX-125-001	125 ml	80	70	1	



HDN
ceramics**COMBUSTION BOAT** PREMIUM LINE

Made of porcelain withstanding temperatures up to 1150 °C. Glazed inside and outside, except lower bottom. With perforated handle



reference	capacity	length (mm)	h (mm)	width (mm)	pcs/pack	price/pack
COBK-080-012	1,5 ml	80	10	12	12	
COBK-086-001	2 ml	86	11	13	1	
COBK-090-001	2,2 ml	90	11	13	1	
COBK-120-001	4 ml	120	10,3	12	1	

cecotec

MICROWAVE, PROCLEAN 3010

Heats and defrosts in a homogeneous and efficient way. Various heating modes. Mechanical controls. Spinning plate. Timer: 0-30 min with alarm. Easy to clean. 220-240 V / 50-60 Hz. Warranty 1 year



reference	capacity	power (W)	ext. dim. (L x W x H)	int. dim. (L x W x H)	pcs/pack	price/pack
MCRW-20L-001	20 L	700	445 x 355 x 255 mm	285 x 277 x 175 mm	1	

bb

DRYER

Ergonomic design. Double insulation. 2 speeds, 3 temperatures. 3 meter power cable. Two diffuser nozzles and removable filter. Useful for drying laboratory equipment, instruments, precipitates and others. 220-240 V / 50-60 Hz. Warranty 1 year



reference	power (W)	pcs/pack	price/pack
SDRY-2K0-001	2000	1	

LABBOX QUALITIES

In order to fulfil all of our customer's requirements, some of our products are available in three different qualities:

1. *Basic Line*: The most competitive option
2. *Standard Line*: The best price-quality ratio
3. *Premium Line*: They are differentiated from the standard products by some relevant characteristics that make them suitable for specific applications destined to our most demanding clients, always keeping an excellent price-quality ratio

For example:

Premium Line tips are DNase, RNase and PCR inhibitors-free certified, making them specifically designed for PCR techniques



IMHOFF CONE FOR SEDIMENTATION

Available in borosilicate glass 3.3 or in transparent plastic (SAN). Graduated

reference	capacity	description	pcs/pack	price/pack
COI3-1K0-001	1 L	made of borosilicate glass 3.3	1	
CONP-1K0-001	1 L	made of plastic (SAN)	1	



IMHOFF CONE STAND

For glass or plastic cones. Available in methacrylate or stainless steel

reference	description	pcs/pack	price/pack
CONP-RAC-001	stand made of PMMA, for 2 Imhoff cones	1	
CONR-002-001	stand made of stainless steel, for 2 Imhoff cones	1	
CONR-004-001	stand made of stainless steel, for 4 Imhoff cones	1	



WATER SAMPLING BOTTLES, PET, STERILE

Bottles without graduation, body made of PET, \varnothing 38,5 mm mouth for easy filling and square shape that optimizes packaging and transport. Polyethylene cap with security ring. Sterilized by ethylene oxide and single packed in polyethylene bag: the sterility of the product is only guaranteed if the pack is intact. Available with predosed sodium thiosulfate (20 mg/L), according to ISO 19458. Free sterilization certificate available on the website

reference	capacity	dimensions (L x W x H)	weight (g)	type	pcs/pack	price/pack
WSBE-500-090	500 ml	65 x 65 x 165 mm	42	sterile without thiosulfate	90	
WSBE-50T-090	500 ml	65 x 65 x 165 mm	42	sterile with thiosulfate	90	
WSBE-1K0-048	1000 ml	71,5 x 77,2 x 237 mm	50	sterile without thiosulfate	48	
WSBE-1KT-048	1000 ml	71,5 x 77,2 x 237 mm	50	sterile with thiosulfate	48	

astik's



WATER SAMPLING BOTTLES, PET, STERILE, WIDE NECK

Bottles without graduation, body made of PET, \varnothing 63 mm mouth, for easy filling and square shape that optimizes packaging and transport. Polyethylene cap with security ring. Sterilized by ethylene oxide and single packed in polyethylene bag: the sterility of the product is only guaranteed if the pack is intact. Available with predosed sodium thiosulfate (20 mg/L), according to ISO 19458. Free sterilization certificate available on the website

reference	capacity	dimensions (L x W x H)	weight (g)	type	pcs/pack	price/pack
WSBW-500-060	500 ml	75 x 75 x 119 mm	44	sterile without thiosulfate	60	
WSBW-50T-060	500 ml	75 x 75 x 119 mm	44	sterile with thiosulfate	60	
WSBW-1K0-036	1000 ml	88 x 88 x 190 mm	69	sterile without thiosulfate	36	
WSBW-1KT-036	1000 ml	88 x 88 x 190 mm	69	sterile with thiosulfate	36	

astik's





astik's



STERILE BAGS FOR WATER SAMPLING

Made of highly resistant polyethylene (FDA-approved). Easy-to-close bags with puncture-proof tabs for protection from possible damage due to wire-end punctures. Ideal for chlorinated water samples, with thiosulfate tablets (10 mg / 100 ml), to perform bacterial testing. Maximum bag mouth opening and write-on strip and volume markings for measurements. DNase, RNase and pyrogen free. Free sterilization certificate available on the website

reference	capacity	w (mm)	l (mm)	thickness (mm)	pcs/-pack	price/-pack
STWS-100-100	100 ml	76	178	0,063	100	
STWS-300-100	300 ml	114	229	0,063	100	



BOD BOTTLE WITH GLASS ROBOTIC STOPPER

Made of 3.3 borosilicate glass (upper grade). Available without numbering and with a white write-on patch for labeling or in numbered series of 24 units

reference	capacity	type	pcs/-pack	price/-pack
BODB-060-001	60 ml	without numbering	1	
BODB-300-001	300 ml	without numbering	1	
BODB-3N1-024	300 ml	with numbering 1 - 24	24	
BODB-3N2-024	300 ml	with numbering 25 - 48	24	

WATER-I.D.

POOLTESTER - QUICK/SEMIQUANTITATIVE MEASUREMENT KIT FOR pH, Cl AND Br

PoolTester pH and chlorine / bromine (POLT-T10-001) includes Testblock with 8pH scale values (range 6.8 – 8.2) and 16 chlorine / bromine values (ranges DPD N°1 (free Cl₂) 0.1 – 6.0 mg/l / Br₂ 0.22 – 13.2 mg/l) and tablets RAPID (rapidly soluble) for 30 tests each



reference	description	pcs/-pack	price/-pack
POLT-T10-001	PoolTester pH and DPD N°1 (free Cl ₂ / Br ₂)	1	
Reagents			
POLT-R10-030	Phenol Red RAPID / DPD N°1 (free Cl ₂ / Br ₂) RAPID	30	

WATER-I.D.

FLEXITESTER QUANTITATIVE VISUAL MEASUREMENT KIT

Quantitative water measurement kit with a continuous color scale that allows greater accuracy than semi-quantitative kits. Ergonomic design and high quality materials simplify measurements. Each reference includes a plastic box with a hanger, a stick magazine, a FlexiTester and reagents



reference	description	n° tests / sales unit	price/-pack
FLXT-100-020	pH measurement kit (6,5 - 8,4 ppm) and Chlorine (0,0 - 5,0 ppm)	20	
FLXT-200-020	pH measurement kit (6,5 - 8,4 ppm) and Active Oxygen (0 - 20 ppm)	20	
FLXT-400-020	pH measurement kit (6,5 - 8,4 ppm) and Copper / Zinc LR(0,0 - 1,0 ppm)	20	
Reagents			
FLXT-R10-030	pH reagents refill (6,5 - 8,4 ppm) and Chlorine (0,0 - 5,0 ppm)	30	
FLXT-R20-030	pH reagents refill (6,5 - 8,4 ppm) and Active Oxygen (0 - 20 ppm)	30	
FLXT-R40-020	pH reagents refill (6,5 - 8,4 ppm) and Copper / Zinc LR(0,0 - 1,0 ppm)	20	

SEMI-QUANTITATIVE INDICATOR STRIPS**METRIA**

Semi-quantitative indicator strips for ammonium, ascorbic acid, chloride, chlorine (free), copper, fluoride, free fatty acids, iron, nitrate, nitrite, peracetic acid, peroxide, phosphate, sulphite and water hardness. These tests allow a quick and easy method to determine these free/available ions in solution. 100 strips per pack

reference	range	interval	pcs/pack	price/pack
Ascorbic Acid				
AAIS-011-001	0-2000 mg/l (ppm)	0 - 50 - 100 - 200 - 300 - 500 - 700 - 1000 - 2000	1	
Peracetic Acid				
PAIS-011-001	0-500 mg/l (ppm)	0 - 100 - 150 - 200 - 250 - 300 - 400 - 500	1	
PAIS-012-001	0-2000 mg/l (ppm)	0 - 500 - 1000 - 1500 - 2000	1	
Free Fatty Acids				
FAIS-011-001	0 % - 2,5 %	0 - 0,25 - 0,5 - 1 - 1,5 - 2 - 2,5	1	
Ammonium				
MMIS-011-001	0-400 mg/l (ppm)	0 - 10 - 25 - 50 - 100 - 200 - 400	1	
Chlorine				
CHIS-011-001	0-5 mg/l (ppm)	0 - 0,5 - 1,0 - 3,0 - 5,0	1	
CHIS-012-001	0-20 mg/l (ppm)	0 - 1,0 - 3,0 - 5,0 - 10,0 - 20,0	1	
CHIS-013-001	0-300 mg/l (ppm)	0 - 25 - 50 - 100 - 200 - 300	1	
CHIS-014-001	0-1000 mg/l (ppm)	0 - 50 - 100 - 250 - 500 - 1000	1	
Copper				
COIS-011-001	0-300 mg/l (ppm)	0 - 10 - 30 - 100 - 300	1	
Water Hardness				
WHIS-011-001	0-500 mg/l (ppm)	0 - 5 - 125 - 250 - 500	1	
WHIS-012-001	0-21 °d	3 - 4 - 7 - 14 - 21	1	
Phosphate				
PHIS-011-001	0-500 mg/l (ppm)	0 - 3 - 10 - 25 - 50 - 100 - 250 - 500	1	
Iron				
IRIS-011-001	0-100 mg/L	0 - 2 - 5 - 10 - 25 - 50 - 100	1	
Chloride				
CLIS-011-001	0-3000 mg/L (ppm)	0 - 500 - 1000 - 1500 - 2000 - 3000	1	
Fluoride				
FLIS-011-001	0-100 mg/l (ppm)	0 - 10 - 25 - 50 - 100	1	
Nitrate				
NAIS-011-001	0-500 mg/l (ppm)	0 - 10 - 25 - 50 - 100 - 250 - 500	1	
Nitrite				
NIIS-011-001	0-25 mg/l (ppm)	0 - 0,5 - 1,0 - 5,0 - 10 - 25	1	
NIIS-012-001	0-80 mg/l (ppm)	0 - 2 - 5 - 10 - 20 - 40 - 80	1	
Peroxide				
POIS-011-001	0-100 mg/l (ppm)	0 - 1 - 3 - 10 - 30 - 100	1	
POIS-012-001	0-1000 mg/l (ppm)	0 - 100 - 200 - 400 - 600 - 800 - 1000	1	
Sulphite				
SLIS-011-001	0-500 mg/l (ppm)	0 - 10 - 25 - 50 - 100 - 250 - 500	1	



METRIA



REAGENTS FOR COD MEASUREMENT BY PHOTOMETRY

Prepared vials of 16mm for COD determination, compatible with PrimeLab Multitest photometer of WATER-ID, and also with photometers from other companies like LOVIBOND, WTW, MACHEREY-NAGEL, MERCK, HANNA, AQUALYTIC, PALIN, BIOCHROM, HACH and any manufacturer using 16 mm vials



reference	description	pcs/pack	price/pack
PHTR-DQL-025	COD (LR) 0 - 150 mg/l prepared vials	25	
PHTR-DQM-025	COD (MR) 0 - 1500 mg/l prepared vials	25	
PHTR-DQH-025	COD (HR) 0 - 15000 mg/l prepared vials	25	
"Saving package"			
PHTR-DQL-150	COD (LR) 0 - 150 mg/l prepared vials	150	
PHTR-DQM-150	COD (MR) 0 - 1500 mg/l prepared vials	150	
PHTR-DQH-150	COD (HR) 0 - 15000 mg/l prepared vials	150	

WATER-I.D.



POOLLAB 2.0 PHOTOMETER

Portable photometer, ideal for pool water analysis. It offers the possibility to measure 24 different parameters (not all reagents included), such as cyanuric acid, chlorine, pH, and others. Thanks to the triple cuvette, it is possible to measure three parameters simultaneously.

The basic kit of PoolLab 2.0 photometer (POLP-BK2-001) includes 1 PoolLab 2.0 with large color display, Bluetooth, and WiFi, waterproof IP68, 1 triple measurement cuvette, 1 light shield, 3 plastic stirring rods (white, blue, red), 1 10ml syringe, 3 AA batteries, 1 manual, software/app/cloud, 1 bag, and an initial pack of reagents POLP-RRF-001. The initial reagent pack (POLP-RRF-001), photometer grade, includes: 20 tablets phenol red, 20 tablets DPD N° 1, 10 tablets DPD N° 3, 10 tablets alkalinity-M and 10 tablets CYA-test. These reagents allow measuring the following parameters: alkalinity, chlorine (tablet mode), cyanuric acid, pH (tablet mode). The additional reagents that allow for the measurement of other parameters are the references PRLR and POLR



reference	description	pcs/pack	price/pack
POLP-BK2-001	PoolLab 2.0 photometer, basic kit	1	
Accessories and spare parts			
POLP-AV2-001	replacement vial	1	
POLP-AL2-001	spare part light shield	1	
POLP-AH2-001	spare part cuvette holder	1	
POLP-ASR-001	spare part plastic stirring rod, white	1	
POLP-ASB-001	spare part plastic stirring rod, blue	1	
POLP-ASC-001	spare part plastic stirring rod, red	1	
POLP-AB2-001	spare part nylon bag	1	
Reagents			
POLP-RRF-001	initial reagent pack	1	

REAGENTS FOR POOLLAB 2.0 PHOTOMETER

WATER-I.D.



Reagents for PoolLab 2.0 photometer methods in tablets, powder or liquid. Photometer grade

reference	description	n° tests / sales unit	price/pack
PRLR-RD4-050	reagent DPD N°4, 50 tablets	50	
PRLR-005-050	alkalinity - M, 50 tablets	50	
PRLR-041-050	aluminium N°1, 50 tablets	50	
PRLR-042-050	aluminium N°2, 50 tablets	50	
PRLR-021-050	ammonia LR N°1, 50 powder-pillows	50	
PRLR-023-050	ammonia N°2, 50 powder-pillows	50	
POLR-DCL-050	DECHLOR, 50 tablets	50	
PRLR-RD1-050	reagent DPD N°1, 50 tablets	50	
PRLR-RD2-050	reagent DPD N°2, 50 tablets	50	
PRLR-RD3-050	reagent DPD N°3, 50 tablets	50	
PRLR-HGC-050	reagent glycine, 50 tablets	50	
POLR-CP1-050	chlorine HR KI, 50 powder-pillows	50	
PRLR-AGP-050	reagent acidifying GP, 50 tablets	50	
PRLR-181-050	copper N°1, 50 tablets	50	
PRLR-182-050	copper N°2, 50 tablets	50	
PRLR-020-050	cyanuric acid, 50 tablets	50	
POLR-CL1-040	calcium hardness N°1 and N°2, 20/20 ml	40	
POLR-HL1-030	total hardness N°1 and N°2, 20/10 ml	30	
POLR-HPL-050	hydrogen peroxide LR, 50 tablets	50	
POLR-APT-050	acidifying reagent, 50 tablets	50	
POLR-HPP-050	hydrogen peroxide HR, 50 powder-pillows	50	
PRLR-028-050	iron LR, 50 tablets	50	
POLR-NP1-050	nitrate N°1, 50 powder-pillows	50	
POLR-NP2-050	nitrate N°2, 50 powder-pillows	50	
PRLR-038-050	pH MR phenol red (6.5 - 8.4), 50 tablets	50	
POLR-PHM-050	PHMB, 50 tablets	50	
POLR-PP1-050	phosphate LR N°1, 50 powder-pillows	50	
PRLR-442-050	phosphate LR N°2, 50 tablets	50	
PRLR-461-050	phosphate HR N°1, 50 powder-pillows	50	
PRLR-462-050	phosphate HR N°2, 50 tablets	50	
PRLR-048-050	potassium, 50 tablets	50	
PRLR-035-050	nitrite LR, 50 powder-pillows	50	
PRLR-054-050	sulfate, 50 powder-pillows	50	
POLR-URL-006	urea N°1 and N°2, 4/2 ml	6	
PRLR-062-050	copper / zinc LR, 50 tablets	50	
PRLR-RED-050	EDTA reagent, 50 tablets	50	
POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)	30	
POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)	30	
POLR-D3C-030	reagent DPD3C, 30 ml (250 tests)	30	
POLR-PRE-065	pH phenol red, 65 ml (270 tests)	65	



Reagents needed for each of the PoolLab 2.0 photometer's parameters

PARAMETER	RANGE	REFERENCE REAGENT	DESCRIPTION
Active Oxygen	0,00 - 20,00 mg/l	PRLR-RD4-050	reagent DPD N°4, 50 tablets"
Alkalinity	0 - 200 mg/l	PRLR-005-050	alkalinity - M, 50 tablets
Aluminium	0,00 - 0,30 mg/l	PRLR-041-050	aluminium N°1, 50 tablets
		PRLR-042-050	aluminium N°2, 50 tablets
Ammonia	0,00 - 1,20 mg/l	PRLR-021-050	ammonia LR N°1, 50 powder-pillows
		PRLR-023-050	ammonia N°2, 50 powder-pillows
Bromine, tablet mode	0,00 - 13,00 mg/l	PRLR-RD1-050	reagent DPD N°1, 50 tablets"
		PRLR-HGC-050	reagent glycine, 50 tablets
Bromine, liquid mode	0,00 - 9,00 mg/l	POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
		POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		PRLR-HGC-050	reagent glycine, 50 tablets
Calcium Hardness	0 - 500 mg/l	POLR-CL1-040	calcium hardness N°1 and N°2, 20/20 ml
		PRLR-RD1-050	reagent DPD N°1, 50 tablets"
Chloramines	0,00 - 6,00 mg/l	PRLR-RD2-050	reagent DPD N°2, 50 tablets"
		PRLR-RD3-050	reagent DPD N°3, 50 tablets
		PRLR-RD1-050	reagent DPD N°1, 50 tablets"
Chlorine, tablet mode	0,00 - 6,00 mg/l	PRLR-RD3-050	reagent DPD N°3, 50 tablets
		POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
Chlorine, liquid mode	0,00 - 4,00 mg/l	POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		POLR-D3C-030	reagent DPD3C, 30 ml (250 tests)
		POLR-CP1-050	chlorine HR KI, 50 powder-pillows
Chlorine HR (KI)	5 - 200 mg/l	PRLR-AGP-050	reagent acidifying GP, 50 tablets
		PRLR-RD1-050	reagent DPD N°1, 50 tablets"
Chlorine Dioxide, tablet mode	0,00 - 11,00 mg/l	PRLR-HGC-050	reagent glycine, 50 tablets
		POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
Chlorine Dioxide, liquid mode	0,00 - 7,50 mg/l	POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		PRLR-HGC-050	reagent glycine, 50 tablets
		PRLR-181-050	copper N°1, 50 tablets
Copper	0,00 - 5,00 mg/l	PRLR-182-050	copper N°2, 50 tablets
		PRLR-020-050	cyanuric acid, 50 tablets"
Cyanuric acid	0 - 100 mg/l	PRLR-020-050	cyanuric acid, 50 tablets"
Hydrogen Peroxide LR	0,00 2,40 mg/l	POLR-HPL-001	hydrogen peroxide LR, 50 tablets
Hydrogen Peroxide HR	0 - 180 mg/l	POLR-HPP-050	hydrogen peroxide HR, 50 powder-pillows
		POLR-APT-050	acidifying reagent, 50 tablets
Iron LR	0,00 - 1,00 mg/l	PRLR-028-050	iron LR, 50 tablets
Nitrate	1 - 50 mg/l	POLR-NP1-050	nitrate N°1, 50 powder-pillows
		POLR-NP2-050	nitrate N°2, 50 powder-pillows
Nitrite	0,00 - 1,50 mg/l	PRLR-035-050	nitrite LR, 50 powder-pillows
		PRLR-RD1-050	reagent DPD N°1, 50 tablets"
Ozone, tablet mode	0,00 - 4,00 mg/l	PRLR-RD3-050	reagent DPD N°3, 50 tablets
		PRLR-HGC-050	reagent glycine, 50 tablets
		POLR-D1A-030	reagent DPD1A, 30 ml (250 tests)
Ozone, liquid mode	0,00 - 2,70 mg/l	POLR-D1B-030	reagent DPD1B, 30 ml (250 tests)
		POLR-D3C-030	reagent DPD3C, 30 ml (250 tests)
		PRLR-HGC-050	reagent glycine, 50 tablets
		PRLR-038-050	pH MR phenol red (6.5 - 8.4), 50 tablets
pH, tablet mode	6,50 - 8,40 pH	PRLR-038-050	pH MR phenol red (6.5 - 8.4), 50 tablets
pH, liquid mode	6,50 - 8,40 pH	POLR-PRE-065	pH phenol red, 65 ml (270 tests)
PHMB	5 - 60 mg/l	POLR-PHM-050	PHMB, 50 tablets
Phosphate LR	0,00 - 4,00 mg/l	POLR-PP1-050	phosphate LR N°1, 50 powder-pillows
		PRLR-442-050	phosphate LR N°2, 50 tablets
Phosphate HR	0 - 80 mg/l	PRLR-461-050	phosphate HR N°1, 50 powder-pillows
		PRLR-462-050	phosphate HR N°2, 50 tablets
Potassium	0,7 - 12,0 mg/l	PRLR-048-050	potassium, 50 tablets
Sulphate	5 - 100 mg/l	PRLR-054-050	sulphate, 50 powder-pillows
Total Hardness	0 - 500 mg/l	POLR-HL1-030	total hardness N°1 and N°2, 20/10 ml
		POLR-DCL-050	DECHLOR, 50 tablets
Urea	0,10 - 2,50 mg/l	POLR-URL-006	urea N°1 and N°2, 4/2 ml
		PRLR-021-050	ammonia LR N°1, 50 powder-pillows
		PRLR-023-050	ammonia N°2, 50 powder-pillows
		POLR-DCL-050	DECHLOR, 50 tablets
Zinc (with chlorine)	0,00 - 1,00 mg/l	PRLR-062-050	copper / zinc LR, 50 tablets
		PRLR-RED-050	EDTA reagent, 50 tablets

DIGITAL DRY BATH (+5 TO 150°C), CODB150

Dry heating system by metal blocks (7.6 x 9.6 cm). Temperature adjustable up to 150 °C (accuracy ± 0.2 °C (single position)/0.5 °C (dual position)). Function mode: Continuous with alarm timer (1' - 99h 59'). LED display for temperature and time. 230v/50 Hz. Insulation rating IP21 (DIN EN60529). Connection for external temperature sensor DIN 12878. Warranty 2 years. No block included. Suitable for COD digestion (148 °C), TOC determination (120 °C), Chromium-total determination (100 °C), Phosphate-total determination (100 °C) and Nitrogen-total determination (100 °C)

reference	description	pcs/pack	price/pack
CODB-TC1-001	dry bath, single position (15.2 x 19 x 8.6 cm), 5K/min, 165 W	1	
CODB-TC2-001	dry bath, dual position (15.2 x 30 x 8.6 cm), 4.5K/min, 250W	1	
CODB-B70-001	block for 20 x 12mm or 13mm test tubes	1	
CODB-B71-001	block for 12 x 15mm or 16mm test tubes	1	
CODB-A01-001	support clamp for temperature sensor	1	

lbox



PORTABLE TURBIDITY METER (ISO 7027), M10

High performance portable turbidity meter for process control or field measurements. Measurement according to nephelometric method (90 °) ISO 7027. Range: 0 - 1100 NTU / FNU, 0 - 275 EBC, 0 - 9999 ASBC. Accuracy $\pm 2\%$ (0 - 500 NTU), $\pm 3\%$ (501 - 1100 NTU). 2 to 5 calibration points with formazine standards. Backlit LCD screen and auto-off function. Stability indicator that recognizes the measurement as stable and expanded memory with a capacity of 100 readings transferable via USB interface. 3x1,5V AA batteries (not included), adapter or USB. Includes case, sample vials, standards (0.02 - 200 - 500 - 1000 NTU, solutions do not include certificate) and cleaning cloth. Warranty 2 years

reference	description	pcs/pack	price/pack
TBMT-M10-001	portable turbidity meter M10	1	
Spare parts			
TBMT-A01-004	glass vials for M10 turbidity meter	4	

METRIA



"OIL TASTING BATH, 6 PLACES

Housing made of AISI 304 stainless steel. Non-removable fixed aluminium box. Heating through a flat element covering all the box surface. Temperature adjustment with a digital thermometer, from room temperature 5 °C up to 40 °C. 3-digits temperature display with accuracy 0,1 °C. External dimensions: 185 x 80 x 315 mm. Maximum temperature: 30 °C. Consumption: 125 W. Aluminium box specially designed for edible oil tasting according to European Union regulation L.248/67. Designed following recommendations of IOC (International Olive Council). Manufactured as per CE directives. 230 V / 50 Hz. Warranty 2 years. Delivery time 3 weeks. It is recommended to take together with the tasting glasses (OLIV-001-006) and watch glasses dish, 60 mm (WDIN-060-010)

reference	description	pcs/pack	price/pack
OLIV-B06-001	oil taste bath, 6 places	1	

BUNSEN



OLIVE OIL TASTING GLASS

Blue. Manufactured according to COI/T.20/Doc. no. 5 (does not include certificate)

reference	capacity	h (mm)	$\varnothing_{\text{mouth}}$ (mm)	\varnothing_{max} (mm)	$\varnothing_{\text{base}}$ (mm)	pcs/pack	price/pack
OLIV-001-006	130 ml	60	50	70	35	6	
"Saving package"							
OLIV-001-072	130 ml	60	50	70	35	72	

LBG



labbox | "KJELDAHL DIGESTION SYSTEM, KJD10



Graphite digester with advanced high temperature infrared radiation heating technology, controlled platform and anti-oxidation treatment, corrosion-resistant design for long lasting life. Temperature range: RT + 5 °C to 450 °C, quick temperature rise (400 °C in 25 minutes), accuracy: ± 1 °C. Linear and curve temperature rise modes. Offers 20 digestion programs for control of temperature rise curves. Capacity: 20 positions of 300 ml tubes. 5,7 inch color screen, easy to use.

The standard configuration includes a waste gas collection hood but must be combined with the KJDL-A01-001 exhausting system (not included) to condensate and neutralize the corrosive gas waste generated in the experiment. The KJDF1 exhausting system has a triple filtration system, avoids spilling or emptying and has adjustable suction pressure with a low noise, anticorrosion vacuum pump and a PTFE anticorrosion pipe design. Environmentally friendly.

It is recommended to combine with the DTU3-042-*** digestion tubes (10 tubes included) and the KJDL-CAT-250 catalyst tablets. High temperature alarm and overload protection. Power: 3600 W. 220 V ± 10%, 50 Hz. Warranty 1 year



reference	description	pcs/pack	price/pack
KJDL-001-001	Kjeldahl digestion system, KJD10	1	
Accessories			
KJDL-A01-001	exhausting and fume elimination system, KJDF1	1	
KJDL-T02-020	sealing tubes for empty positions (mandatory to prevent gas leakage)	20	

labbox | "KJELDAHL AUTOMATIC DISTILLER, KJD20



Fully intelligent software that can complete sample distillation within minutes. Automatic addition of NaOH, H₂O y H₂BO₃. Automatic reagent quantification and filling. Automatic cleaning system that further enhances measurement precision. Easy to operate interface.

Measuring range: 0,1 mg – 240 mg N. Recovery ≥ 99,5%. Sample capacity: 6 g/sample (solid) or 16 ml/sample (liquid). Distillation speed: 3-6 min/sample. 4,3 inch LCD color screen. Manual and automatic operation modes. Automatic alkali pipeline washing function. Automatic or manual filling mode. Programmable distillation time with automatic alarm upon completion.

Emergency stop, automatic fault detection, over temperature protection, over pressure protection and intelligent audible and visual alarm system. Calibration function: dilution water calibration, alkali solution calibration, boric acid solution calibration and washing flow calibration.

Safety door, digestion tube and cooling water condition displayed at real time when running. Built in testing model to detect the current condition of most functions. It is recommended to combine with the DTU3-042-*** digestion tubes (10 tubes included). Power: 1300 W. 220 V ± 10%, 50 Hz. Warranty 1 year



reference	description	pcs/pack	price/pack
KJDL-002-001	Kjeldahl automatic distiller, KJD20	1	

labkem | KJELDAHL CATALYST TABLETS

They favor the digestion process of the Kjeldahl method. They contain K₂SO₄ (3,6 g) and CuSO₄·5H₂O (0,4 g). Nitrogen content of a tablet < 20 ppm



reference	description	pcs/pack	price/pack
KJDL-CAT-250	Kjeldahl catalyst tablets	250	

TUBE FOR KJELDAHL DIGESTION

Made of 3.3 borosilicate glass. Round bottom. With rim. The DTU3-042-*** tube is compatible with LBX Instruments

LBG



reference	∅ _{mouth} (mm)	∅ _{outer} (mm)	h (mm)	pcs/pack	price/pack
DTU3-040-001	48	40	298	1	
DTU3-042-001	47	42	300	1	
"Saving package"					
DTU3-040-010	48	40	298	10	
DTU3-042-010	47	42	300	10	



THE THREE PHASES OF NITROGEN DETERMINATION BY THE KJELDAHL METHOD



DIGESTION

A homogenized sample is brought to boil in concentrated sulfuric acid with a catalyst that accelerates digestion. The result is an ammonium sulfate solution $[(\text{NH}_4)_2\text{SO}_4]$.



DISTILLATION

An excess base is added to the result of the digestion to convert the ammonium salt (NH_4^+) to ammonia gas (NH_3) . The gas passes through the equipment's distillation system and is condensed in an Erlenmeyer flask containing a receptor solution.



TITRATION

The amount of ammonia in the receptor solution is quantified. The amount of nitrogen in a sample can be calculated from the quantified amount of ammonia ions in the receptor solution.

METRIA | LITMUS PAPER STRIPS

Basic indicator paper when a precise pH value is not needed. Blue litmus paper turns to red when a solution goes from basic to acidic while red litmus paper turns to blue when a solution goes from acidic to basic. Neutral litmus paper turns to blue when going to basic and red when going to acid. Each plastic box contains 10 booklets with 20 paper strips each



reference	description	pcs/pack	price/pack
LSPH-001-001	litmus blue indicator paper in strips	1	
LSPH-002-001	litmus red indicator paper in strips	1	
LSPH-003-001	litmus neutral indicator paper in strips	1	

METRIA | UNIVERSAL pH TEST PAPERS, ROLL

Universal pH test paper in rolls of 5 m long and 7 mm wide. Each roll is stored in a plastic dispenser with a printed color scale with pH intervals of 1



reference	description	pcs/pack	price/pack
URPH-001-001	pH 1 - 11 paper roll	1	
URPH-002-001	pH 1 - 14 paper roll	1	
10 units "Saving package"			
URPH-001-010	pH 1 - 11 paper roll	10	
URPH-002-010	pH 1 - 14 paper roll	10	
50 units "Saving package"			
URPH-001-050	pH 1 - 11 paper roll	50	
URPH-002-050	pH 1 - 14 paper roll	50	

METRIA | pH INDICATOR STRIPS WITH 4 PADS

Strips made of vinyl with 4 indicator pads prepared with a non-bleed system, therefore the resultant colour change will remain far longer and readable until the pads are dry, even with a highly alkaline solution. These strips provide an accurate method of measuring the pH of a solution and produce high quality results each time. 100 strips per pack



reference	description	pcs/pack	price/pack
STPH-311-001	pH 0.0 - pH 14.0, Interval: 1 pH	1	
STPH-312-001	pH 4.0 - pH 10.0, Interval: 0.5 pH	1	
STPH-313-001	pH 7.0 - pH 14, Interval: 0.5 pH	1	
10 units "Saving package"			
STPH-311-010	pH 0.0 - pH 14.0, Interval: 1 pH	10	
STPH-312-010	pH 4.0 - pH 10.0, Interval: 0.5 pH	10	
STPH-313-010	pH 7.0 - pH 14, Interval: 0.5 pH	10	

METRIA | WINE pH INDICATOR STRIPS

These indicator strips are specific for testing the pH of the juice prior to fermentation during wine production. 50 strips per pack



reference	range	interval	pcs/pack	price/pack
WSPH-001-001	pH 2,8 - 4,4	pH 2,8 - 3,2 - 3,6 - 4,0 - 4,4	1	

UNIVERSAL pH TEST PAPERS, STRIPS

METRIA

Each plastic box contains 200 paper strips and a printed color scale for comparison

reference	type	pcs/pack	price/pack
CSPH-001-001	pH 1 - 11, Interval: 1 pH	1	
CSPH-002-001	pH 1 - 14, Interval: 1 pH	1	
CSPH-003-001	pH 1.0 - pH 3.5, Interval: 0.5 pH	1	
CSPH-004-001	pH 3.6 - pH 5.1, Interval: 0.3 pH	1	
CSPH-005-001	pH 5.2 - pH 6.7, Interval: 0.3 pH	1	
CSPH-006-001	pH 6.8 - pH 8.3, Interval: 0.3 pH	1	
CSPH-007-001	pH 8.4 - pH 10.0, Interval: 0.3 pH	1	
CSPH-008-001	pH 4.0 - pH 8.0, Interval: 0.5 pH	1	



POCKET pH METER

METRIA

Simply and compact pH meter. pH range: 0 - 14 pH, precision: ± 0.1 pH. Automatic temperature compensation (0 - 50 °C). Single point manual calibration. Fix electrode. 4 battery cells 1.5 V LR44 (included). Dimensions: 152 x 30 x 21 mm. Weight: 50 g



reference	description	pcs/pack	price/pack
PHMT-600-001	pH meter, pH600	1	



POCKET pH METER, WATER-TIGHT

METRIA

pH meter compact with interchangeable electrode and automatic temperature compensation. pH range: 0 - 14 pH, precision: ± 0.05 pH. Temperature range: 0 - 60 °C, accuracy ± 1 °C. Calibration in 2 points (pH 4.01, 7.00 and 10.01). Water-tight (IP 65 protection). Warranty 1 year



reference	description	pcs/pack	price/pack
PHMT-030-001	pH meter, pHscan 30	1	
Spare parts			
PHMT-A30-001	spare electrode	1	



"PORTABLE pH METER, PH7

XS

pH meter portable with automatic and manual temperature compensation. pH range: 0 - 14 pH and ± 1000 mV (redox). Standard BNC connector for pH and redox electrodes. Automatic calibration in 3 points (pH 4.01, 7.00 and 10.01). Includes transportation case, rubber case, buffer solutions (pH 4.01 and 7.00), electrode for general use with BNC fixed cable and CAT probe. Warranty 3 year. Compatible with METRIA electrodes (PHEL). Delivery 1 week



reference	description	pcs/pack	price/pack
PHMT-007-001	pHmeter, pH7 , with electrode	1	
Spare parts			
PHMT-A07-001	spare electrode for pH7 and pH50+	1	
PHMT-A01-001	spare redox probe for pH7 and pH50+	1	



METRIA

PORTABLE pH METER. M22

Portable pH/ORP meter with automatic or manual temperature compensation (between 0 and 100 °C). Range: -2.00 - 20.00 pH, accuracy ± 0.01 pH. ORP range: ± 1.999 mV, accuracy ± 1 mV. BNC standard connector for pH or redox electrodes and Phone Plug (3.5 mm) for the CAT probe. Up to 3 calibration points according to the USA (pH 4.01, 7.00 and 10.01) or NIST (pH 4.01, 6.86 and 9.18). Backlit LCD screen and auto-off function. Stability indicator that recognizes the measurement as stable and expanded memory with a capacity of 100 transferable readings via USB interface. Indication of the electrode calibration slope that helps the user to decide when to replace it. Power supply 3 x 1,5 V AA batteries (included) or DC5V adapter (not included). Includes transport case, buffer solutions (pH 4.01 and 7.00), METRIA PHEL-GB1-001 (maximum service temperature 80 °C) electrode and ATC probe. Warranty 2 years



reference	description	pcs/pack	price/pack
PHMT-M22-001	pHmeter M22, with electrode and ATC probe	1	
Spare parts			
PHMT-A03-001	red-ox probe	1	

XS

“DESKTOP pH METER, PH50+

Desktop pH meter with automatic and manual temperature compensation (between 0 and 80 °C). pH range: 0 - 14 pH, resolution: 0.01 pH, accuracy ± 0.02 pH. Redox range: ± 1000 mV, resolution ± 1 mV. Standard BNC connector for pH and redox electrodes. Automatic calibration in 3 points (pH 4.01, 7.00 and 10.01). Backlit LCD display. Keypad resistant to water, bases and acids splashes. Stable measurement indication. Includes buffer solutions (pH 4.01 and 7.00), electrode arm, electrode for general use with BNC fixed cable and integrated CAT probe. Plastic body electrode, with gel electrolyte, pH range 0 - 14 and 0 - 60 °C. Warranty 3 years. Delivery 1 week



reference	description	pcs/pack	price/pack
PHMT-P50-001	pHmeter, pH50+, with electrode	1	
Spare parts			
PHMT-A07-001	spare electrode for pH7 and pH50+	1	
PHMT-A01-001	spare redox probe for pH7 and pH50+	1	

METRIA

DESKTOP METER, M21

Benchtop pH/ORP meter with automatic or manual temperature compensation (between 0 and 100 °C). Range: -1.00 - 15.00 pH, resolution: 0.01 pH, accuracy ± 0.01 pH. Redox range: ± 1999 mV, accuracy ± 1 mV. Standard BNC connector for pH or redox electrodes and Phone Plug (3.5 mm) for the ATC probe. Autocalibration in 3 points according to USA (pH 4.01, 7.00 and 10.01) or NIST (pH 4.01, 6.86 and 9.18). Backlit LCD screen. Auto-Hold feature senses and locks the measurement endpoint. Automatic electrode slope display helps user decide whether to replace the sensor. Includes buffer solutions (pH 4.01, 7.00 and 10.01), electrode holder, METRIA electrode PHEL-GB1-001 (maximum service temperature 80 °C) and CAT probe. Warranty 2 years. Stirrer STIS-000-001 recommended



reference	description	pcs/pack	price/pack
PHMT-M21-001	pHmeter M21, with electrode and ATC probe	1	
Spare parts			
PHMT-A03-001	red-ox probe	1	

DESKTOP pHMETER, M92

Benchtop pH/ORP meter with automatic or manual temperature compensation (between 0 and 100 °C). Range: -2.000 - 20.000 pH, resolution: 0.001 pH, precision ± 0.002 pH. ORP range: ± 1999 mV, resolution ± 0.2 mV. Standard BNC connector for pH or redox electrodes and Phone Plug (3.5 mm) for the ATC probe. Auto-calibration from 1 to 5 points according to USA, NIST, DIN or customized and recalibration alarm from 1 to 31 days. Backlit LCD screen. Stability indicator that recognizes the measurement as stable and expanded memory with a capacity of 500 readings. Includes buffer solutions (pH 4.01, 7.00 and 10.01), electrode holder, METRIA PHEL-GB1-001 electrode (maximum service temperature 80 °C), CAT probe and USB cable. Warranty 2 years. STIS-000-001 stirrer recommended

reference	description	pcs/pack	price/pack
PHMT-M92-001	pHmeter M92, with electrode and ATC probe	1	
Spare parts			
PHMT-A03-001	red-ox probe	1	

METRIA

**PLASTIC BODY DUAL pH ELECTRODE WITH ATC PROBE, GENERAL USE**

Plastic body (epoxy), specially designed for general use. Reference element Ag/AgCl, gel non refillable electrolyte and porous teflon diaphragm. pH range 0 - 14, maximum service temperature 100 °C. Dimensions: 120 x 12 mm. Available with BNC connection and 1 m cable, and two types of ATC probe connections: 10K/3.5 mm Jack for METRIA meters and 30K/CINCH for XS, Mettler-Toledo, FISHER and VWR meters

reference	conector	pcs/pack	price/pack
PHDE-PM1-001	10K/BNC/3.5mm JACK	1	
PHDE-PW1-001	10K/BNC/CINCH	1	
PHDE-PK1-001	30K/BNC/CINCH	1	

METRIA

**GLASS BODY DUAL pH ELECTRODE WITH ATC PROBE, INTENSIVE USE**

For general laboratory uses and measurements that require greater precision in liquids and non-aqueous solutions, aggressive samples. Resists poisoning and fouling. Reference element Ag/AgCl, non refillable electrolyte and porous teflon diaphragm. pH range 0 - 14, maximum service temperature 130 °C. Dimensions: 120 x 12 mm. Available with BNC connection and 1 m cable, and two types of ATC probe connections: 10K/3,5 mm Jack for METRIA meters and 30K/CINCH for XS and Mettler-Toledo

reference	conector	pcs/pack	price/pack
PHDE-GM2-001	10K/BNC/3.5mm JACK	1	
PHDE-GW2-001	10K/BNC/CINCH	1	
PHDE-GK2-001	30K/BNC/CINCH	1	

METRIA

**EPOXY BODY pH ELECTRODE FOR EDUCATIONAL USE BASIC LINE**

Specially designed for educational market, combining quality at an affordable price. Minimum maintenance, less frequent calibrations and greater stability. Plastic body (epoxy). Reference element Ag/AgCl, gel non refillable electrolyte and fiber diaphragm. pH range 0 - 14, maximum service temperature 60 °C. Dimensions: 120 x 12 mm. Fixed cable 1 m long with BNC connector

reference	conector	pcs/pack	price/pack
PHEL-EDU-001	1 m cable + BNC	1	

METRIA



METRIA | EPOXY BODY pH ELECTRODE, GENERAL USE

Plastic body (epoxy), specially designed for general use in portable pH meters. Reference element Ag/AgCl, gel non refillable electrolyte and porous teflon diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-PB1-001	1 m cable + BNC	1	
PHEL-PS1-001	S7	1	

METRIA | GLASS BODY pH ELECTRODE, GENERAL USE

For general use. Aqueous solutions. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and annular ceramic diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-GB1-001	1 m cable + BNC	1	
PHEL-GS1-001	S7	1	

METRIA | EPOXY BODY pH ELECTRODE, INTENSIVE USE

Plastic body (epoxy), specially designed for general use in portable pH meters and also for industrial uses. Reference element Ag/AgCl, gel non refillable electrolyte and double porous teflon diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-PB2-001	1 m cable + BNC	1	

METRIA | GLASS BODY pH ELECTRODE, INTENSIVE USE

For general use and high accuracy measurements in liquids and non aqueous samples. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and double ceramic diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-GB2-001	1 m cable + BNC	1	

METRIA | GLASS BODY pH ELECTRODE, SEMI MICRO APPLICATIONS

Glass body electrode, specially designed for measuring pH in very small sample volumes or narrow vessels. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and frit ceramic diaphragm. pH range 0 - 14, maximum service temperature 80°C. Stem dimensions: 90 x 4,5 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-GB3-001	1 m cable + BNC	1	

GLASS BODY pH ELECTRODE, FOR LIQUIDS**METRIA**

Glass body electrode, specially designed for measuring pH in liquids and deep flasks with narrow neck. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and frit ceramic diaphragm. pH range 0 - 14, maximum service temperature 80°C. Lower shaft dimensions: 150 (±2mm) x 6,2 mm (±2mm). BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-LB1-001	1 m cable + BNC	1	

EPOXY BODY pH ELECTRODE, DIFICULT SAMPLES**METRIA**

Specially designed for measuring difficult samples: dairy products, viscose samples, creams, surface measurements (paper, Agar, skin, ...). Reference element Ag/AgCl, partial gel refillable electrolyte (3.5M KCl/AgCl) and teflon diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 120 x 12 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-PB4-001	1 m cable + BNC	1	

GLASS BODY pH ELECTRODE FOR HIGH TEMPERATURE MEASUREMENTS**METRIA**

Specially designed for high temperature measurements and for industrial pipeline. Reference element Ag/AgCl, gel non refillable electrolyte and double teflon diaphragm. pH range 0 - 14, maximum service temperature 130 °C. Dimensions: 120 x 12 mm. Fixed cable 1 m long with BNC connector

reference	conector	pcs/pack	price/pack
PHEL-GB6-001	1 m cable + BNC	1	

PENETRATION pH ELECTRODE FOR SOLIDS AND SEMI-SOLIDS**METRIA**

Penetration food probe specially designed for measuring pH of: meat, cheese and semi solids. Robust Teflon Bodied. Reference element Ag/AgCl, gel non refillable electrolyte and teflon diaphragm. pH range 0 - 14, maximum service temperature 60 °C. Dimensions: 75 x 8 mm. Available with two types of connections: BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-PB5-001	1 m cable + BNC	1	

GLASS BODY pH ELECTRODE, FOR SLURRIES AND SOIL MEASUREMENTS**METRIA**

Glass body electrode, specially designed for measuring pH in slurries and soil. Reference element Ag/AgCl, liquid refillable electrolyte (3M KCl/AgCl) and frit ceramic diaphragm. pH range 0 - 14, maximum service temperature 80 °C. Dimensions: 12 x 120 mm. BNC connector with fixed cable (length: 1 m) or S7 connector (delivery without connecting cable, to be ordered separately)

reference	conector	pcs/pack	price/pack
PHEL-MB1-001	1 m cable + BNC	1	

CABLE FOR ELECTRODES WITH S7 HEAD**METRIA**

BNC connector cable for electrodes with S7 head

reference	length	pcs/pack	price/pack
PHAC-001-001	1 m	1	



labkem CONSERVATION ELECTRODE SOLUTIONS

Electrolyte solutions for the conservation of the electrode and enzymatic cleaning solution for the membrane electrode



reference	description	package	price/pack
POCL-30A-250	solution for conservation, potassium chloride 3M	250 ml	
POCL-A0A-250	potassium chloride 3M+AgCl - re-fillable electrodes	250 ml	
SCME-00A-250	electrode cleaning solution (Pepsin)	250 ml	

labkem pH BUFFER SOLUTION

Colored solutions to prevent mistakes. Free calibration certificate available on the website. Certificates traceable to SRM from NIST. Variation table of pH/temperature on the label. Use within 12-15 months of opening



reference	type	package	price/pack
PHBS-002-250	pH 1,68 ± 0,01 (20 °C) - colourless	250 ml	
PHBS-004-250	pH 4,00 ± 0,01 (20 °C) - red	250 ml	
PHBS-004-1K0	pH 4,00 ± 0,01 (20 °C) - red	1000 ml	
PHBS-007-250	pH 7,00 ± 0,01 (20 °C) - yellow	250 ml	
PHBS-007-1K0	pH 7,00 ± 0,01 (20 °C) - yellow	1000 ml	
PHBS-0A9-250	pH 9,21 ± 0,01 (20 °C) - colourless	250 ml	
PHBS-0A9-1K0	pH 9,21 ± 0,01 (20 °C) - colourless	1000 ml	
PHBS-010-250	pH 10,00 ± 0,01 (20 °C) - blue	250 ml	
PHBS-010-1K0	pH 10,00 ± 0,01 (20 °C) - blue	1000 ml	
PHBS-012-250	pH 12,65 ± 0,01 (20 °C) - colourless	250 ml	

labkem pH BUFFER SOLUTION WITH MEASURING CHAMBER

Bottle with a separate measuring chamber, "twin-neck". No other containers are required during the calibration process and subsequent cleaning thereof, preserving the purity of the buffer solution. Colored solutions to prevent mistakes. Certificates traceable to SRM from NIST. Variation table of pH / temperature on the label. Use within 12-15 months of opening



reference	type	package	price/pack
PHBW-002-500	pH 1,68 ± 0,01 (20 °C) - colourless	500 ml	
PHBW-004-500	pH 4,00 ± 0,01 (20 °C) - red	500 ml	
PHBW-004-1K0	pH 4,00 ± 0,01 (20 °C) - red	1000 ml	
PHBW-007-500	pH 7,00 ± 0,01 (20 °C) - yellow	500 ml	
PHBW-007-1K0	pH 7,00 ± 0,01 (20 °C) - yellow	1000 ml	
PHBW-0A9-500	pH 9,21 ± 0,01 (20 °C) - colourless	500 ml	
PHBW-010-500	pH 10,00 ± 0,01 (20 °C) - blue	500 ml	
PHBW-012-500	pH 12,65 ± 0,01 (20 °C) - colourless	500 ml	

pH BUFFER CAPSULE

Twist the capsule, open and pour the granules in 100ml of DI (deionised) water, shake the solution so the granules dissolve and the solution is ready to use. Once made up the buffer should last approximately one week, before it's too weak to use. NIST certified. Tolerance margin of $\pm 0,02$ if used with deionised water. Tests show the same results even if the volume is not totally accurate, no need to measure with an exact volumetric flask and a pipette. If to use as a side information it can be used with distilled water and even tap water

reference	type	pcs/pack	price/pack
PHBC-004-010	pH 4,01 \pm 0,02 (25 °C)	10	
PHBC-007-010	pH 7,00 \pm 0,02 (25 °C)	10	
PHBC-009-010	pH 8,96 \pm 0,02 (25 °C)	10	
PHBC-010-010	pH 10,01 \pm 0,02 (25 °C)	10	

labkem



POCKET CONDUCTIVITY METER, BASIC SERIES

Range: 10 to 1990 μ S/cm, res.: 10 μ S/cm and accuracy $\pm 2\%$ full scale. Single point manual calibration. Automatic temperature compensation from +5 up to +50 °C. Built in a one-piece casing. Battery type: 4 x 1.5V LR44 (included). Dimensions: 150 x 30 x 24 mm, weight 85 g

reference	range	pcs/pack	price/pack
COMT-601-001	10 - 1990 μ S/cm	1	

METRIA



POCKET CONDUCTIVITY METER, WATER-TIGHT

Water-tight, compact conductivity meter with interchangeable cell and automatic temperature compensation (0 - 50 °C). Conductivity range according to model: 1,0 - 199,9 μ S/cm, 10 - 1999 μ S/cm or 0,1 - 19,99 mS/cm, accuracy $\pm 1\%$ F.S. (full scale). Single point calibration. Auto-power off feature helps you effectively conserve battery life. Warranty 1 year

reference	resolution	calibration solutions	range	pcs/pack	price/pack
COMT-020-001	0,1 μ S	146 μ S	1.0 - 199,9 μ S/cm	1	
COMT-030-001	1 μ S	1413 μ S	10 - 1999,9 μ S/cm	1	
COMT-040-001	0,01 mS	12,88 mS	0.1 - 19,9 mS/cm	1	

Spare parts

COMT-A04-001	conductivity cell	1	
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METRIA



"PORTABLE CONDUCTIVITY METER, COND7 VIO

Portable conductivity meter with automatic and manual temperature compensation. Range: 0 - 19.99 μ S/cm, 0 - 199.9 μ S/cm, 200 - 1999 μ S/cm, 2.00 - 199.9 mS/cm. Automatic calibration in 5 points (84, 147, 1413 μ S/cm, 12.88 y 111 mS/cm) and manual calibration in 5 points. Includes transportation case, rubber case, two buffer solutions and a conductivity cell for general use (K=1) with automatic temperature compensation. Warranty 3 years. Delivery 1 week

reference	description	pcs/pack	price/pack
COMT-007-001	conductivity meter, COND7 VIO, with probe	1	
COMT-A02-001	conductivity cell for COND7 VIO and COND50	1	

XS



METRIA

PORTABLE CONDUCTIVITY METER, M52

Portable conductivity meter with automatic temperature compensation (between 0 and 105 °C). Conductivity measuring ranges 10,00 to 20, 200, 2000,00 $\mu\text{S}/\text{cm}$, 20,00 mS/cm , accuracy $\pm 0.5\%$. Expandable to conductivity range 10,00 $\mu\text{S}/\text{cm}$ - 200,0 mS/cm , accuracy $\pm 0.5\%$ with COEL-POH-001 ($K = 10$, for measurements $> 20 \text{ mS}/\text{cm}$) and to conductivity range 0,01 $\mu\text{S}/\text{cm}$ - 20,00 mS/cm , accuracy $\pm 0.5\%$ with COEL-GOL-001 ($K = 0,1$, for measurements $< 10 \mu\text{S}/\text{cm}$). Calibration of 1 to 3 points with automatic recognition of 5 conductivity standards: 10 $\mu\text{S}/\text{cm}$, 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12,88 mS/cm and 111,8 mS/cm . Backlit LCD screen. Stable measurement indication and auto-off function. Storage memory of 100 records. Calibration alarm from 1 to 31 days. Selectable constant K (0,1 - 1 - 10) and linear temperature coefficient. Power supply 3x1,5V AA batteries (not included) or DC5V adapter (not included). Includes standard solutions 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$ and 12,88 mS/cm (solutions do not include certificate), conductivity electrode $K = 1$ (COEL-POS-001) and temperature sensor. 2 year warranty



reference	description	pcs/pack	price/pack
COMT-M52-001	conductivity meter M52 with electrode COEL-POS-001 and ATC probe	1	

XS

"DESKTOP CONDUCTIVITY METER, COND50

Desktop conductivity meter with manual and automatic temperature compensation (between 0 and 99 °C). Available ranges (range is automatically chosen): 0,0 - 200,0 $\mu\text{S}/\text{cm}$, 200,0 - 2000 $\mu\text{S}/\text{cm}$, 2,00 - 20,00 mS/cm , 20,0 - 200,0 mS/cm , accuracy $\pm 1\%$ full scale. Automatic and manual calibration with automatic recognition of 4 conductivity solutions: 84, 1413 mS/cm and 12,88, 111,8 mS/cm . Stable measurement indication. Includes sensor support, two buffer solutions and conductivity cell with integrated temperature sensor ($K=0,1 - 1,0 - 10,0$ selectable). Keypad resistant to water, bases and acids splashes. Backlit LCD. Warranty 3 years. Delivery 1 week



reference	description	pcs/pack	price/pack
COMT-PS1-001	conductivity meter, COND50, with probe	1	
Spare parts			
COMT-A02-001	conductivity cell for COND7 and COND50	1	

METRIA

DESKTOP CONDUCTIVITY METER, M51

Conductivity/TDS desktop meter with automatic temperature compensation (between 0 and 100 °C). Conductivity measuring ranges 10,00 to 20, 200, 2000,00 $\mu\text{S}/\text{cm}$, 20,00 mS/cm , accuracy $\pm 1\%$ and TDS 0 - 100,0 ppt (max. 200 ppt), accuracy $\pm 1\%$. Expandable to conductivity range 10,00 $\mu\text{S}/\text{cm}$ - 200,0 mS/cm , accuracy $\pm 1\%$ and TDS 0 - 100,0 ppm (max. 200 ppm), accuracy $\pm 1\%$ with COEL-P0H-001 ($K = 10$, for measurements $> 20 \text{ mS}/\text{cm}$) and to conductivity range 0,1 $\mu\text{S}/\text{cm}$ - 20,00 mS/cm , accuracy $\pm 1\%$ and TDS 0 - 10,0 ppt (max. 20 ppt), accuracy $\pm 1\%$ with COEL-GOL-001 ($K = 0, 1$, for measurements $< 10 \mu\text{S}/\text{cm}$). Calibration of 1 to 3 points with automatic recognition of 5 conductivity standards: 10 $\mu\text{S}/\text{cm}$, 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12,88 mS/cm and 111,8 mS/cm . Backlit LCD screen. Stable measurement indication and auto-off function. Selectable TDS conversion factor (0,01 - 1,00), constant K (0,1 - 1 - 10) and temperature coefficient (0,0 - 10,0%). Includes standard solutions 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$ and 12,88 mS/cm (solutions do not include certificate), conductivity electrode $K = 1$ (COEL-GOS-001) and a temperature sensor. Warranty 2 years



reference	description	pcs/pack	price/pack
COMT-M51-001	conductivity meter M51 with electrode COEL-GOS-001 and ATC probe	1	

METRIA

CONDUCTIVITY ELECTRODES

Conductivity electrodes with temperature compensation to be used with COMT-M51-001 or COMT-M52-001.

Dimensions 120 x 12 mm, BNC connection with 1 m cable length.

K = 1: conductivity values (0 - 150 mS/cm), temperature range (0 - 100°C).

General purpose, plate material: platinum

K = 10: conductivity values (0 - 500 mS/cm), temperature range (0 - 100°C).

For high conductivity solutions, plate material: carbon







K = 0,1: conductivity values (0 - 500 µS/cm), temperature range (0 - 50°C).

For pure water, plate material: platinum

reference	description	pcs/pack	price/pack
COEL-G0S-001	glass standard conductivity electrode, BNC, K = 1	1	
COEL-P0S-001	plastic standard conductivity electrode, BNC, K = 1	1	
COEL-G0H-001	glass standard conductivity electrode, BNC, K = 10	1	
COEL-P0H-001	plastic standard conductivity electrode, BNC, K = 10	1	
COEL-G0L-001	glass standard conductivity electrode, BNC, K = 0,1	1	

**CONDUCTIVITY SOLUTION**

Tolerance ±1% of the declared value. Certificates traceable to SRM from NIST. With variation table of conductivity / temperature on the label. Use within 12 months of opening (6 months for COSS-10U-500)

reference	type	package	price/pack
COSS-10U-500	10 µS/cm (25 °C)	 500 ml	
COSS-084-500	84 µS/cm (25 °C)	 500 ml	
COSS-147-500	147 µS/cm (25 °C)	 500 ml	
COSS-1K4-500	1413 µS/cm (25 °C)	 500 ml	
COSS-012-500	12,88 mS/cm (25 °C)	 500 ml	
COSS-111-500	111,8 mS/cm (25 °C)	 500 ml	



labkern

"MULTIPARAMETER TESTER, PC5

A single compact device to measure pH, mV, conductivity, TDS, salinity and temperature. With interchangeable probe. pH range: -2 ... 16,00 pH, accuracy ±0.01 pH and 1...3 points calibration. mV (redox) measuring range: ±500. Conductivity range: 0 - 200 µS/cm, 0 - 2000 µS/cm, 0 - 20,00 mS/cm, accuracy: ±0.5 % (value reading) and 1...3 points calibration. Temperature range: 0 - 50 °C, accuracy ±0.2 °C. TDS range: 0,1 mg/L - 10 g/L, accuracy: 0,5 % (value reading). Salinity range: 0,01 - 10 ppt. Water-tight, IP 67. Includes: MPMT-A05-001 electrode. Warranty 2 years. Delivery 1 week

reference	description	pcs/pack	price/pack
MPMT-005-001	multiparameter tester, PC5	1	
Accessories and spare parts			
MPMT-A05-001	spare electrode	1	
MPMT-A35-001	red-ox probe	1	

XS



METRIA

**THERMOMETER**

Chemical thermometers filled with colored liquid (without mercury)

reference	range	readability	∅ (mm)	l (mm)	pcs/pack	price/pack
THER-060-001	-10 +60 °C	± 1 °C	6	250	1	
THER-110-001	-10 +110 °C	± 1 °C	6	300	1	
THER-150-001	-10 +150 °C	± 1 °C	6	300	1	
THER-200-001	-10 +200 °C	± 1 °C	6	305	1	
10 units "Saving package"						
THER-060-010	-10 +60 °C	± 1 °C	6	250	10	
THER-110-010	-10 +110 °C	± 1 °C	6	300	10	
THER-150-010	-10 +150 °C	± 1 °C	6	300	10	
THER-200-010	-10 +200 °C	± 1 °C	6	305	10	
50 units "Saving package"						
THER-060-050	-10 +60 °C	± 1 °C	6	250	50	
THER-110-050	-10 +110 °C	± 1 °C	6	300	50	
THER-150-050	-10 +150 °C	± 1 °C	6	300	50	
THER-200-050	-10 +200 °C	± 1 °C	6	305	50	

**THERMOMETER**

Yellow enameled rod. Filled with red colored liquid (without mercury). Partial immersion (76 mm). Laboratory-tested accuracy

reference	range	readability	accuracy	∅ (mm)	l (mm)	pcs/pack	price/pack
THER-60A-010	-10 + 60 °C	± 0,5 °C	± 1 °C	6 - 7	305	10	
THER-11A-010	-20 + 110 °C	± 1 °C	± 2 °C	6 - 7	305	10	
THER-15A-010	-20 + 150 °C	± 1 °C	± 2 °C	6 - 7	305	10	

**THERMOMETER WITH PRECISION AND TRACEABILITY CERTIFICATE**

Yellow enameled rod. Filled with blue colored organic liquid (without mercury, ecologically safe). Indelible printing scale resistant to chemical products. Triangular ring to prevent the thermometer from rolling. Partial immersion at 76 mm. The batch number is not printed on the thermometer. Connected to the 3 following calibration channels: MRA/ILAC (COFRAC, DKD...), NIST and GOST

reference	range	readability	accuracy	∅ (mm)	l (mm)	pcs/pack	price/pack
THER-60C-001	-10 + 60 °C	± 0,5 °C	± 0,8 °C	6 - 7	305	1	
THER-11C-001	-20 + 110 °C	± 1 °C	± 1 °C	6 - 7	305	1	
THER-15C-001	-20 + 150 °C	± 1 °C	± 2 °C	6 - 7	305	1	

METRIA

THERMOMETER WITH COVER

Thermometers filled with colored liquid (without mercury) and protected inside a cover to avoid any breakage in freezers or oven

reference	range	readability	l (mm)	type	pcs/pack	price/pack
THES-120-001	0 +120 °C	±1 °C	300	stainless steel shielded (A)	1	
THES-200-001	+80 +200 °C	±1 °C	300	stainless steel shielded (A)	1	
THES-041-001	-40 +40 °C	±1 °C	170	plastic shielded (B)	1	

A

B



DIGITAL THERMOMETER WITH PROBE SENSOR, TP3001

Fixed probe made of stainless steel, 145 mm long. Temperature unit °C/°F. Range: -50 +300 °C (-58 +572 °F), resolution 0.1 °C/°F. Hold function included (temperature hold in display). Power supply: 1 battery cell G13. Dimensions: 235 x 22 mm, weight 25 g. Includes PVC protection cover

reference	range	type	pcs/pack	price/pack
THER-D30-001	-50 +300 °C	straight	1	

METRIA

**DIGITAL THERMOMETER WITH FOLDABLE PROBE, KT-600**

Foldable probe made of stainless steel, 100 mm long. Temperature unit °C/°F. Range: -50 +300 °C (-58 +572 °F), resolution 0.1 °C/°F. Power supply: 1 battery LR44 type 1.5V. Dimensions: 243 x 33 mm (143 x 33 mm folded)

reference	range	type	pcs/pack	price/pack
THER-D33-001	-50 +300 °C	foldable	1	

METRIA

**DIGITAL INDOOR THERMOMETER, DC108**

Thermo-hygrometer with wall and table holder. Temperature unit °C/°F. Temperature range: -10 up to +50 °C (+14 + 122°F), resolution 0.1 °C/°F. Humidity measuring range: 20% to 90% with 1% resolution. Functions: maximum temperature, minimum temperature and comfort area. Power supply: 1 battery 1.5 V type AAA. Dimensions: 91 x 85 x 20 mm, weight 96 g. CE certification

reference	range	accuracy	pcs/pack	price/pack
THER-D31-001	-10 +50 °C	±1 °C	1	

METRIA

**DIGITAL INDOOR THERMO-HYGROMETER WITH TIMER, KT-9**

Thermo-hygrometer with holder. Display for indoor temperature and humidity, time and timer. Temperature unit °C/°F. Temperature range: -10 up to +50 °C (+14-122 °F), resolution 0.1 °C/°F. Humidity range: 20% to 95% with 1% resolution. Timer range: 0 to 99 min. Power supply: 2 batteries AAA 1.5 V. Dimensions: 105 x 105 x 20 mm

reference	range	accuracy	pcs/pack	price/pack
THER-D34-001	-50 +70 °C / 20% - 95% / 0 - 99 min	0.1 °C / 1 % / 1 s	1	

METRIA

**DIGITAL INDOOR/OUTDOOR THERMOMETER, DC105**

Thermo-hygrometer with table holder. Double display for indoor and outdoor temperature. Sensor probe cable for outdoor long 1 m. Temperature unit °C/°F. Indoor temperature range: -10 up to +50 °C (+14-122 °F), resolution 0.1 °C/°F. Outdoor temperature range: -50 up to +90 °C (-58+194 °F), resolution 0.1 °C/°F. Humidity measuring range: 20% to 90% with 1% resolution. Functions: maximum temperature, minimum temperature and comfort area. Power supply: 1 battery cell AAA 1.5 V. Dimensions: 98 x 58 x 13 mm, weight 78 g. CE certification

reference	range	accuracy	pcs/pack	price/pack
THER-D32-001	-50 +90 °C	±1 °C	1	

METRIA





METRIA



DIGITAL INDOOR/OUTDOOR THERMO-HYGROMETER, HC-520

Thermo-hygrometer with holder. Display for indoor and outdoor temperature and indoor humidity. 1 m long sensor probe cable for outdoor. Temperature unit °C/°F. Indoor temperature range: -10 up to +50 °C (+14-122 °F), resolution 0.1 °C/°F. Outdoor temperature range: -50 up to +70 °C (-58+158 °F), resolution 0.1 °C/°F. Humidity measuring range: 20% to 90% with 1% resolution. Memory for MAX/MIN value of temperature and humidity and "RESET" button in the front panel. Power supply: 1 battery AAA 1.5 V. Dimensions: 98 x 75 x 18 mm

reference	range	accuracy	pcs/pack	price/pack
THER-D35-001	-50 +70 °C / 20% - 90%	0.1 °C / 1 %	1	

METRIA

DIGITAL THERMO-HYGROMETER FOR REFRIGERATORS/FREEZERS, C602

Thermo-hygrometer with holder and magnet for an easy installation on the outside of refrigerators/freezers. Display that shows indoor and outdoor temperature and humidity. 1 m long sensor probe cable. Temperature unit °C/°F. Indoor temperature range: -10 up to +50 °C (+14 +122 °F), resolution 0.1 °C/°F. Outdoor temperature range: -40 up to +70 °C (-40 +158 °F), resolution 0.1 °C/°F. Relative humidity measuring range: 20% to 95% with 1% resolution. User-definable alarm function of maximum and minimum temperatures. LED alarm indicator. Power supply: 1 battery LR44 1.5 V. Dimensions: 65 x 59 x 18 mm



reference	range	accuracy	pcs/pack	price/pack
THER-D36-001	-40 +70 °C / 20 % - 95 %	0,1 °C / 1 %	1	

TFA

INFRARED LASER DIGITAL THERMOMETER, -33 °C UP TO +500 °C

Range: -33 °C up to +500 °C. Accuracy: 1 °C or ±1% from +15 °C and +35 °C, for the remaining temperatures 2 °C or ±2%. Laser pointer type II, answer time 1 second. Optical resolution: 12:1. Illuminated screen. Operating environment: 0 +50 °C. Dimensions: 175 x 80 x 39 mm, weight 180 g. Power supply: 2 battery cells 1,5 V AAA. Bag included. Warranty 1 year



reference	range	accuracy	pcs/pack	price/pack
THER-L03-001	-33 +500 °C	± 1 °C / ± 2 °C	1	

Dorcom

PROFESSIONAL INFRARED LASER THERMOMETER, FOR BODY TEMPERATURE

Non-contact infrared thermometer, designed to measure body temperature by heat emitted from the forehead and for measuring temperature on objects. Body mode, surface mode and room mode. High temperature or fever alarm. Coloured display depending on obtained temperature value (green, orange or red). Storage of the last 32 readings. Auto power off. Large screen with backlight. Celsius or Fahrenheit degrees. Effective measurement distance: 3-5 cm. Range in human body: 32,0-43,0 °C. Accuracy (35,0-42,0 °C): ± 0,2 °C. Resolution: 0,1 °C. Measurement time



reference	range	accuracy	accuracy (35,0-42,0 °C)	pcs/pack	price/pack
THER-IRB-001	0 - 60 °C	± 0,3 °C	± 0,2 °C	1	

BATTERIES

For office and laboratory equipment



reference	description	pcs/pack	price/pack
BTTY-D3A-010	Duracell Industrial LR03 (AAA) alkaline battery case, 10 pcs	10	
BTTY-D2A-010	Duracell Industrial LR06 (AA) alkaline battery case, 10 pcs	10	
BTTY-KCR-005	Kodak CR2032 lithium button cell battery, in strips, 5 pcs	5	
BTTY-VLR-010	Vinnic LR44 alkaline battery, in strips, 10 pcs	10	
BTTY-F36-001	Fullwat 3,6 V ER14250 (1/2AA) lithium battery	1	

DATA LOGGER FOR TEMPERATURE MEASUREMENT

Temperature data logger that can store up to 48.000 readings. Temperature measuring range: -30 °C up to 70 °C, resolution 0,1 °C and accuracy $\pm 0,5$ °C. LED display and alarm, minimum, maximum and mark function. EN 12830. Integrated USB that can download data to PC and generates PDF/Excel reports automatically containing summary, graphs and detailed data. Completely programmable: 6 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name. IP65 (88161) and IP67 (88160). 88161 allows the connection of an external temperature probe (not included). Power supply: 2 x 3,0 V CR2032 (included). 9 month battery life time. Warranty 1 year

reference	range	model	pcs/pack	price/pack
DLOG-00T-001	-30 °C + 70 °C	88160	1	
DLOG-02T-001	-30 °C + 70 °C	88161	1	
Accessories				
DLOG-A01-001	2 cm external probe for 88161, without handle. 200 cm cable (probe \varnothing 3,8 mm)		1	
DLOG-A02-001	15 cm external probe for 88161, with handle. 116 cm cable (probe \varnothing 3,8 mm)		1	

METRIA



DATA LOGGER FOR TEMPERATURE, HUMIDITY AND PRESSURE MEASUREMENT

Temperature, RH and barometric pressure (only on model 88163) data logger that can store up to 48.000 readings. Temperature measuring range: -30 °C up to 70 °C, resolution 0,1 °C and accuracy $\pm 0,5$ °C. Humidity range: 0,1 - 99% RH (0,1% resolution and 3% accuracy). Barometric pressure (88163): 300 - 1100 hPa (resolution 0,1 hPa and 3 hPa accuracy). LED display and alarm, minimum, maximum and mark function. EN 12830. Integrated USB that can download data to PC and generates PDF/Excel reports automatically containing summary, graphs and detailed data. Completely programmable: 6 languages, sampling interval, start delay, alarm delay, unit, alarm range, alarm type, password and user name. IP65 (does not include sensor area). Power supply: 2 x 3,0 V CR2032 (included). 9 month battery life time. Warranty 1 year

reference	range	model	pcs/pack	price/pack
DLOG-0HT-001	-30 °C + 70 °C / 0,1-99% RH	88162	1	
DLOG-PHT-001	-30 °C + 70 °C / 0,1-99% RH / 300-1100 hPa	88163	1	

METRIA



"THERMO DATA LOGGER WITH INTERNAL SENSOR

Thermo data logger storing up to 16.240 readings. Range: -40 °C up to +70 °C, resolution 0.1 °C and accuracy ± 0.3 °C from -10 °C to +70 °C, for the remaining temperatures ± 0.5 °C. Large LCD displays the minimum, maximum, average and time out of specifications. Data can be downloaded to PC with mini USB cable and activation through push button. No interface or proprietary software required, only a PDF reader. IP65. Power supply: 3V Lithium battery. Warranty 2 years

reference	range	type	pcs/pack	price/pack
LOGT-16K-001	-40 +70 °C	16.240 readings	1	

ESCORT





"DATA LOGGER WITH INTERNAL TEMPERATURE AND HUMIDITY SENSOR, LOG210



Temperature and humidity data logger that can store up to 100.000 readings. Temperature measuring range: -40 °C up to 70 °C, resolution 0.1 °C and accuracy $\pm 0,5$ °C from -10 °C to 40 °C, for the remaining temperatures ± 1 °C. Humidity measuring range: 0% to 100% with 0,1% resolution and accuracy $\pm 3\%$ from 40 to 60%, for the remaining range $\pm 5\%$. Large LCD displays the minimum, maximum and average. Integrated USB that can download data to PC and activation through push button. Generates data PDF reports automatically. Includes software and wall mount device. IP65. Power supply: 3,6 V Lithium battery. Warranty 2 years



reference	range	type	pcs/pack	price/pack
LOGH-210-001	-40 +70 °C / 0-100% HR	100.000 readings	1	



"DATA LOGGER WITH INTERNAL TEMPERATURE AND HUMIDITY SENSOR, ILOG



32000 readings. Temperature measuring range -40 °C to 70 °C, resolution 0.1 °C and accuracy ± 0.3 °C. Humidity measuring range 2% to 98%, resolution 0.1% and accuracy $\pm 3\%$. LCD displays the minimum, maximum, average and time out of specifications. Data can be downloaded to PC with LOGH-A01-001 (not included) and managed with Console Plus software. IP51. Power supply: 3,6V Lithium battery LS14250 1/2AA. Warranty 2 years



reference	type	pcs/pack	price/pack
LOGH-32K-001	data logger iLOG	1	
Accessories			
LOGH-A01-001	interface USB connection for iLOG series includes Console Plus software	1	



"DATA LOGGER FOR TEMPERATURE MEASUREMENT, BUTTON TYPE



Temperature data logger that can store up to 8.192 readings. Registers date and time, programmable alarms with timing levels and countdown. Interval between 5 min and 243 h. Waterproof. Stainless steel capsule. ISO 17025. Battery life: 10 years max. between -30 and 50 °C (LOGT-BT1-001) and 30-50 sterilization cycles (LOGT-BT2-001) starting at 25 °C, holding at 121 °C for 15 min. and returning to 25 °C. 16 x 6 mm (\varnothing x h). Requires software and USB reader (not included). Warranty 2 years



reference	range	precision	readability	pcs/pack	price/pack
LOGT-BT1-001	-40 + 85 °C	$\pm 0,5$ °C	0,5 °C	1	
LOGT-BT2-001	0 + 125 °C	$\pm 0,5$ °C	0,1 °C	1	
Accessories					
LOGT-BP1-001	software for only one button and USB reader			1	
LOGT-BP2-001	software for up to five buttons and USB reader			1	
LOGT-BP3-001	software for unlimited buttons and USB reader			1	
LOGT-BTA-001	protection capsule for button type logger up to +140 °C			1	

"DATA LOGGER FOR HIGH TEMPERATURE, HITEMP140

Robust, with good precision, withstands harsh working conditions. 316 stainless steel. Temperature data logger that can store up to 32.700 readings. Interval between 1 s and 24 h. Body working temperature: -40 °C + 140 °C. Probe working temperature: -200 °C + 260 °C (the body can work at this range with the LOGT-HA1-001 accessory, not included). Pt100 sensor with resolution 0,01 °C and precision $\pm 0,1$ °C (from 20 to 140 °C). rigid probe: (51 x 3,2 mm), body: (48 x 24,6 mm). IP68. Power supply: 3,6V high temperature lithium battery. Supplied with calibration certificate. Requires interface and LOGT-HA2-001 program (not included). Weight: 120g. Warranty 2 years. Delivery time 2 weeks

reference	description	pcs/pack	price/pack
LOGT-HIT-001	data logger for high temperature, HITEMP140	1	
Accessories			
LOGT-HA1-001	TS thermal protector for HITEMP140, -200 + 260 °C	1	
LOGT-HA2-001	software and IFC400 USB interface	1	

MADGETECH

CE



"DATA LOGGER FOR ULTRA LOW TEMPERATURE, CRYOTEMP

Temperature data logger that can store up to 32.767 readings. Interval between 5 s and 30 min. Temperature measurement range: -86 °C to 35 °C (can be used up to 55 °C), resolution 0.1 °C and accuracy ± 1 °C. LED traffic light status indicators. Designed with handle for easy attachment. IP64 protection. Requires interface and LOGT-CA1-001 program (not included). Power supply: 3.6 V lithium battery (LTC-7PN). Supplied with calibration certificate. 83 x 54 x 11 mm. Weight: 40g. Warranty 2 years

reference	description	pcs/pack	price/pack
LOGT-CRY-001	data logger for ultra low temperature, CryoTemp	1	
Accessories			
LOGT-CA1-001	software and IFC300 USB interface	1	

MADGETECH

CE



DIGITAL THERMO-HYGROMETER WITH REMOTE SENSOR

Sending the data through radio frequency from a remote probe. Temperature measuring range indoor: -10 °C to 50 °C, resolution 0.1 °C, outdoor: -20 °C to 50 °C, resolution 0.1 °C. Humidity measuring range: indoor 20% to 95%, resolution 1%, outdoor 20% to 99%, resolution 1%. Includes remote sensor with transmission range up to 30 m (open space). Maximum and minimum record with auto-reset every 24h. Power supply: 2x AAA batteries (not included). Dimensions: 137 x 97 x 19 mm

reference	type	pcs/pack	price/pack
HIGR-D23-001	digital thermohygrometer with remote sensor	1	
Accessories and spare parts			
HIGR-A23-001	additional remote sensor	1	

TFA

CE



"PORTABLE THERMOMETER, TEMP 7 VIO PT100 MODEL

Range: -200 °C up to +999 °C, resolution 0.2 °C from 99,9 °C up to +199.9 °C (2 °C for the remaining temperatures). Probe included (Warning: probe measurements limits may be different than the thermometer). Functions: stability indicator, maximum, minimum, hold and automatic switch off. LCD screen. Battery life: >550 hours. Dimensions: 185 x 85 x 45 mm, weight 400 g. Includes a rubber cover and transportation case. IP56. Warranty 3 years. Delivery 1 week

reference	description	pcs/pack	price/pack
THER-D22-001	thermometer with immersion probe \varnothing 3 x 200 mm, -50 °C +400 °C	1	
THER-D26-001	thermometer with penetration probe \varnothing 4 x 150 mm, -50 °C +400 °C	1	

XS

CE





France

COMMERCIAL GRADE DENSITY HYDROMETERS

Not standardized. Reading below meniscus. Calibrated at 20 °C. Unit: g/ml. Length: 300 mm. These instruments are not delivered with calibration certificates

reference	range (g/ml)	accuracy (g/ml)	division (g/ml)	S.T. (mN/m)	pcs/pack	price/pack
HYDR-060-001	0,600 - 0,700	±0,002	0,001	20	1	
HYDR-070-001	0,700 - 0,800	±0,002	0,001	25	1	
HYDR-080-001	0,800 - 0,900	±0,002	0,001	30	1	
HYDR-090-001	0,900 - 1,000	±0,002	0,001	35	1	
HYDR-100-001	1,000 - 1,100	±0,002	0,001	55	1	
HYDR-110-001	1,100 - 1,200	±0,002	0,001	55	1	
HYDR-B65-001	0,650 - 1,000	±0,005	0,005	26/55	1	
HYDR-10B-001	1,000 - 2,000	±0,010	0,01	55/75	1	



France

BAUME HYDROMETERS

Unit: °Bé. Length: 280 mm. These instruments are not delivered with calibration certificates

reference	range (°Bé)	accuracy (°Bé)	division (°Bé)	S.T. (mN/m)	pcs/pack	price/pack
Calibrated at 15°C						
HYBE-010-001	0 - 10	±0,2	0,1	55	1	
HYBE-020-001	10 - 20	±0,2	0,1	55	1	
HYBE-030-001	20 - 30	±0,2	0,1	55	1	
HYBE-040-001	30 - 40	±0,2	0,1	75	1	
HYBE-050-001	40 - 50	±0,2	0,1	75	1	
HYBE-060-001	50 - 60	±0,2	0,1	75	1	
HYBE-070-001	60 - 70	±0,2	0,1	75	1	
Calibrated at 20°C						
HYBE-210-001	0 - 10	±0,2	0,1	55	1	
HYBE-220-001	10 - 20	±0,2	0,1	55	1	



France



QUEVENNE MILK HYDROMETER

Compared to conventional hydrometers, it offers a more accurate option as it has a scale suitable for the range of milk. The instrument has the thermometer scale placed at the top, making reading easier despite the opacity of the milk. For opaque liquids like milk, the reading is taken above the meniscus. Calibrated at 20°C. Units: °C and g/ml. Length: 250 mm. This instrument is not delivered with calibration certificate

reference	range (g/ml)	accuracy (g/ml)	division (g/ml)	S.T. (mN/m)	pcs/pack	price/pack
LACD-Q01-001	1,015 - 1,040	±0,002	0,001	45	1	



France



QUEVENNE MILK THERMO-HYDROMETER

Compared to conventional hydrometers, it offers a more accurate option as it has a scale suitable for the range of milk. The instrument has the thermometer scale placed at the top, making reading easier despite the opacity of the milk. For opaque liquids like milk, the reading is taken above the meniscus. Calibrated at 20 °C. Units: °C and g/ml. Length: 250 mm. This instrument is not delivered with calibration certificate

reference	range (g/ml)	accuracy (g/ml)	division (g/ml)	S.T. (mN/m)	range (°C)	pcs/pack	price/pack
LACD-QT1-001	1,015 - 1,040	±0,001	0,001	45	0 - 40	1	

HIGH PRECISION ALCOHOLOMETER

According to ISO 4801 and NF B 35-515 standards. Calibrated at 20°C. Unit: ethanol in %vol. Length: 350 mm, Ø 30 mm. These instruments are delivered with a certificate of conformity



reference	range (%vol)	accuracy (%vol)	division (%vol)	S.T. (mN/m)	pcs/pack	price/pack
ALCO-000-001	0 - 10	±0,1	0,1	72,6	1	
ALCO-010-001	10 - 20	±0,1	0,1	50,5	1	
ALCO-020-001	20 - 30	±0,1	0,1	41,4	1	
ALCO-030-001	30 - 40	±0,1	0,1	35,4	1	
ALCO-040-001	40 - 50	±0,1	0,1	31,7	1	
ALCO-050-001	50 - 60	±0,1	0,1	29,4	1	
ALCO-060-001	60 - 70	±0,1	0,1	27,9	1	
ALCO-070-001	70 - 80	±0,1	0,1	26,7	1	
ALCO-080-001	80 - 90	±0,1	0,1	25,6	1	
ALCO-090-001	90 - 100	±0,1	0,1	24,2	1	



RESEARCH ALCOHOMETER

Seeker type alcoholometer. Calibrated at 20 °C. Length 290 mm, Ø 30 mm. Double scale. Scale 1: accuracy ± 2; division 1. Scale 2: accuracy ± 1; division 0.5. Does not include certificate



reference	scale 1	scale 2	pcs/pack	price/pack
ALCO-RF1-001	0 - 100 %Vol/GL/Tralles	10 - 44° Cartier	1	



WINE HYDROMETER, TRIPLE SCALE

The instrument allows measuring three parameters. Scale 1: density (g/ml); division 0.001. Scale 2: Baumé degrees (°Bé); division 0.5. Scale 3: volumetric alcohol degree (%vol); division 0.5. Calibrated at 20°C. Length: 290 mm. This instrument is not delivered with calibration certificate



reference	scale 1	scale 2	scale 3	pcs/pack	price/pack
MUST-B01-001	0,980 - 1,130 g/ml	0 - 16 °Bé	3 - 7 %vol	1	



VINOMETER

The instrument allows determining the ethanol concentration in wines and has an adapted measuring range from 0 to 25%. Calibrated at 20°C. Unit: ethanol in %vol. Length: 133 mm. This instrument is not delivered with calibration certificate



reference	range (%vol)	accuracy (%vol)	division (%vol)	pcs/pack	price/pack
VINO-B01-001	0 - 25	±2	1	1	



MECHANICAL TIMER 60 MINUTES

Countdown mechanical timer with alarm



reference	description	pcs/pack	price/pack
TIME-M01-001	mechanical timer 60'	1	





METRIA

COUNTDOWN TIMER AND CLOCK 24 HOURS

Clock function, timer countdown up to 23 h 59' 59" with alarm and chronometer. Three hold positions: with a magnet in metallic surfaces, with a clothing pin and with a kickstand to remain standing. Power supply: 1 battery LR44 (included)

reference	description	pcs/pack	price/pack
TIME-W24-001	24 h clock watch digital timer	1	
10 units "Saving package"			
TIME-W24-010	24 h clock watch digital timer	10	

METRIA

COUNTDOWN TIMER 100 MINUTES

Timer countdown up to 99' 59" with alarm. Three hold positions: with a magnet in metallic surfaces, with a clothing pin and with a kickstand to remain standing. Power supply: 1 battery LR44 (included)



reference	description	pcs/pack	price/pack
TIME-100-001	100 minutes digital timer	1	
10 units "Saving package"			
TIME-100-010	100 minutes digital timer	10	

METRIA

DIGITAL CHRONOMETER, RS-808

Functions: digital chronometer, watch 12/24, alarm, calendar, week system, alarm. Chronometer resolution: 1/100" for the first 30 minutes of timing, and then in 1 second increment up to maximum of 24 hours. Accumulated time (Split) and 2 memories. Power supply: 2 batteries LR44 (included)



reference	description	pcs/pack	price/pack
TIME-D05-001	digital chronometer	1	

METRIA

DIGITAL CHRONOMETER, PC-1001

Functions: chronometer, watch, alarm and calendar. Chronometer resolution: 1/100" for the first 30 minutes of timing, and then in 1 second increment up to maximum of 24 hours. Digital LCD display and lanyard to hang on your neck. Power supply: 2 battery cell LR44 (included). Dimensions: 88,5 x 62,5 x 22,5 mm, weight 55 g



reference	description	pcs/pack	price/pack
TIME-D03-001	digital chronometer 30', 1/100"	1	

METRIA

DIGITAL CHRONOMETER, RS-6010

Functions: chronometer, countdown, watch, alarm, calendar, podometer (pacer). Total time 9 h 59' 59.99", 1/100" intervals. Partial time (Lap) and accumulated time (Split). 10 memories. Auto-switch off for a longer battery cell life. Digital LCD display and lanyard to hang on your neck. Power supply: 1 battery SR44 (included). Dimensions: 85 x 55 x 25 mm, weight 100 g



reference	description	pcs/pack	price/pack
TIME-D04-001	digital chronometer 10 h, 1/100"	1	

PORTABLE DIGITAL REFRACTOMETER, RSD

Digital hand-held refractometer with Automatic Temperature Compensation (ATC) 5 to 40 °C, automatic power management and high precision. Temperature measurement range from 0 to 40 °C (0,5 °C accuracy). Large backlit colour TFT display, user-defined zero setting function, ergonomic durable design and anti-interference from light. Measurement of Brix grade, refractive index (RI), Oechsle, mass S/W, probable alcohol (AP) and KMW (Babo). Net weight 200g, power supply 2 x AAA (1,5 V). Compliance with IP65 standards, CE and ROHS. Warranty 1 year

METRIA



reference	type	range	readability	accuracy	pcs/pack	price/pack
PDRF-R45-001	Brix RI	0-45% 1,3330-1,4098	0,1 0,0001	±0,2 ±0,0003	1	
PDRF-R85-001	Brix RI	0-85% 1,3330-1,5100	0,1 0,0001	±0,5 ±0,0005	1	
PDRF-RM5-001	Oe (Germany)	3-150	1	±1	1	
	Oe(Swiss)	0-150	1	±1		
	Mass S/W	0-35%	0,1	±0,2		
	Vol AP	0-22%	0,1	±0,2		
	KMW	0-25	0,1	±0,2		



ABBE ANALOGIC REFRACTOMETER, RST111

ABBE analogic refractometer for measuring refractive index (RI), Brix % and Temperature with good accuracy and a wide measuring range. Very easy to move due to its reduced dimensions (270x180x370mm) and weight (3,5 kg) and also very easy to use. Includes high resistant aluminium portable case for transportation. Warranty 1 year

METRIA



reference	type	range	accuracy	pcs/pack	price/pack
ABRF-111-001	RI	1,30000-1,70000	±0,0005	1	
	Brix	0-95%	±0,25%		
	Temp.	0-60	±1°C		



PORTABLE ANALOGUE REFRACTOMETER

Analogue hand-held refractometer with Automatic Temperature Compensation (ATC) and high precision. Anti-rolling design, comfortable eyepiece with perfect fit, easy-to-clean prism and protective flap for the prism opening. Measures: Brix grade, Probable Alcohol, specific gravity, Baume grade and KMW grade (Babo). Includes case with screwdriver and pipette. Warranty 1 year

METRIA

reference	type	range	readability	pcs/pack	price/pack
PREF-B20-001	Brix	0-20 %	0,1%	1	
PREF-B32-001	Brix	0-32 %	0,2%	1	
PREF-B50-001	Brix	0-50 %	0,5%	1	
PREF-B82-001	Brix	45-82 %	0,5%	1	
PREF-B92-001	Brix	58-92 %	0,2%	1	
PREF-WN1-001	Wine	0-140 Oe / 0-25 KMW (Babo) / 0-32% Mas Sacch	1 Oe / 0,2 KMW / 0,2%	1	
PREF-WN5-001	Wine	0-190 Oe / 0-38 KMW (Babo) / 0-44% Brix	2 Oe / 0,5 KMW / 0,5%	1	
PREF-WN7-001	Wine	30-140 Oe / 0-25 KMW (Babo) / 0-32% Brix	1 Oe / 0,2 KMW / 0,2%	1	
PREF-AL6-001	Alcohol (AP)	0-25%VOL / 0-20 Baume / 0-40% Brix	0,2% / 0,2 / 0,2%	1	
PREF-AL7-001	Alcohol (AP)	0-32% Brix / 1,000 - 1,120 sg	0,2% / 0,001	1	





“SPECTROPHOTOMETER, VISIBLE, V-10 PLUS



For education, general use and routine analysis. Components that guarantee an excellent performance. Wavelength lecture directly on the screen. Auto zero and blank. Measurement of absorbance, transmittance and concentration. Quantitative: standard curve and coefficient methods. Pre-aligned lamp design, which ensures an easy exchange by the user. Includes software to extend the applications to the curve and standard kinetics. LCD screen (128 x 64 pixels). Sheath. Trackable Standard DAkS Certificate. Wavelength range: 325 - 1000 nm. Bandwidth: 4 nm. Optical system: single beam. Grid: 1200 lines/mm. Wavelength accuracy: ± 2 nm. Repeatability: ± 1 nm. Resolution: 0,5 nm. Photometric mode: %T, Abs, Conc and Factor. Detector: silicon photodiode. Standard cell holder for 4 square 10 mm cells (4 optical glass cells included). Light source: tungsten. Lamp lifespan: 2000 hours approx. USB port (for PC remote control) and parallel port (for direct printing). Optional: professional software for data exportation to spreadsheet, color intensity analysis and tonality according to specific methods for OIV-MA-AS2-07B wines (SPTR-A01-001). Weight: 8 kg. Dimensions (mm): 440 x 360 x 180. 85-265 V / 50-60 Hz. Warranty 2 years. Delivery time 3 weeks



reference	description	pcs/pack	price/pack
SPTR-V01-001	spectrophotometer, visible, ONDA V-10 PLUS	1	
Accessories			
SPTR-A01-001	professional software, specific for wine	1	
SPTR-A02-001	thermal printer for ONDA spectrophotometers	1	
SPTR-A03-001	support for tubes with a diameter of 8 to 24 mm and a maximum height of 110 mm; light beam height at 3.5 cm from the bottom	1	
Spare parts			
SPTR-A04-001	halogen lamp	1	



STANDARD (MACRO) SPECTROPHOTOMETER CUVETTE WITH PTFE LID

Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
Made of quartz						
MALQ-001-002	LB Q	1	10	0,35	2	
MALQ-002-002	LB Q	2	10	0,7	2	
MALQ-005-002	LB Q	5	10	1,7	2	
MALQ-010-002	LB Q	10	10	3,5	2	
MALQ-020-002	LB Q	20	10	7	2	
MALQ-040-002	LB Q	40	10	14	2	
MALQ-050-002	LB Q	50	10	17,5	2	
MALQ-100-001	LB Q	100	10	35,0	1	
Made of optical glass						
MALG-001-002	LB OG	1	10	0,35	2	
MALG-002-002	LB OG	2	10	0,7	2	
MALG-005-002	LB OG	5	10	1,7	2	
MALG-010-002	LB OG	10	10	3,5	2	
MALG-020-002	LB OG	20	10	7	2	
MALG-040-002	LB OG	40	10	14	2	
MALG-050-002	LB OG	50	10	17,5	2	
MALG-100-001	LB OG	100	10	35,0	1	



SEMI-MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE LID

METRIA

Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
SMLQ-010-002	LB Q	10	4	1,4	2	
SMLG-010-002	LB OG	10	4	1,4	2	

**MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE LID**

METRIA

Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
MILQ-010-002	LB Q	10	2	0,7	2	
MILG-010-002	LB OG	10	2	0,7	2	

**STANDARD (MACRO) SPECTROPHOTOMETER CUVETTE WITH PTFE STOPPER**

METRIA

For volatile samples. Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
MASQ-010-002	LB Q	10	10	3,5	2	
MASG-010-002	LB OG	10	10	3,5	2	

**CUVETTE HOLDER**

For 12 cuvettes (path length 10 mm)

reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack
CUVP-012-001	15	170	50	1	

astik's

**SEMI-MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE STOPPER**

METRIA

For volatile samples. Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
SMSQ-010-002	LB Q	10	4	1,4	2	
SMSG-010-002	LB OG	10	4	1,4	2	

**MICRO SPECTROPHOTOMETER CUVETTE WITH PTFE STOPPER**

METRIA

For volatile samples. Available in quartz (LB Q) for use within 200 - 2500 nm (includes Ultraviolet) and optical glass (LB OG) for use within 320 - 2500 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
MISQ-010-002	LB Q	10	2	0,7	2	





METRIA | DISPOSABLE SPECTROPHOTOMETER CUVETTE

Available in optical polystyrene (PS) for use within 340 - 800 nm and in PMMA for use within 280 - 800 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
Standard (macro) type (A)						
MAPS-010-100	PS	10	10	4,5	100	
MAPM-010-100	PMMA	10	10	4,5	100	
Semi-micro type (B)						
SMPS-010-100	PS	10	4	2,5	100	
SMPM-010-100	PMMA	10	4	2,5	100	

METRIA | STANDARD (MACRO) FLUOROMETER CUVETTE WITH PTFE LID

Cuvette with 4 polished faces available in quartz (LB Q) or optical glass (LB OG)

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
MALQ-F10-002	LB Q	10	10	3,5	2	
MALG-F10-002	LB OG	10	10	3,5	2	

METRIA | STANDARD (MACRO) DISPOSABLE FLUOROMETER CUVETTE

Cuvette with 4 polished faces available in optical polystyrene (PS) for use within 340 - 800 nm and in PMMA for use within 280 - 800 nm

reference	composition	light path (mm)	internal width (mm)	vol. (ml)	pcs/pack	price/pack
MAPS-F10-100	PS	10	10	4,5	100	
MAPM-F10-100	PMMA	10	10	4,5	100	

METRIA | PORTABLE AIR QUALITY METER, 77532



Measures CO₂ (0 - 9999 ppm) and temperature (-10 + 60 °C). CO₂ precision: ± 30 ppm ± 5% of measurement (0 - 5000 ppm) and ± 10% of the measurement for the other range. Temperature precision: ± 0,6 °C. Ideal for indoor air quality measurement (IAQ). Uses NDIR technology (non dispersive infrared detector) to ensure long-term reliability and stability. Acoustic alarms, maximum, minimum, average and hold functions. 4 AA batteries (included). Includes hard carry case. Warranty 2 years

reference	description	pcs/pack	price/pack
IAQM-P01-001	Portable air quality meter, 77532	1	

METRIA | AIR QUALITY METER, WALLMOUNT, 7722



Measures CO₂ (0 - 9999 ppm), temperature (-10 + 60 °C) and humidity (0,1 - 99,9% RH). CO₂ precision: ± 50 ppm ± 5% of measurement (0 - 2000 ppm) and ± 10% of the measurement for the other range. Temperature precision: ± 0,6 °C. Humidity precision: ± 3% RH. Ideal for indoor air quality measurement (IAQ). Uses NDIR technology (non dispersive infrared detector) to ensure long-term reliability and stability. Acoustic alarms, maximum, minimum and average functions. Universal adapter for charging. Warranty 2 years

reference	description	pcs/pack	price/pack
IAQM-W01-001	air quality meter, wallmount, 7722	1	
Accessories			
IAQM-A01-001	salt bottle for 33% RH calibration	1	
IAQM-A02-001	salt bottle for 75% RH calibration	1	



“LABORATORY TABLE, C SHAPE

Worktop made with high resistance compact phenolic resin Fundermax Resistance², soft grey, 20 mm thick. Ideal for all types of laboratories and indispensable in physical-chemical laboratories. Tube metal frame made of cold rolled steel 60 x 30 mm, with an antirust epoxy resin protection layer. With a maximum load capacity of 300 kg/linear meter. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack
LABT-C01-001	900 x 750 x 900 mm	without back panel	1	
LABT-C02-001	1200 x 750 x 900 mm	without back panel	1	
LABT-C03-001	1500 x 750 x 900 mm	without back panel	1	
LABT-C04-001	1800 x 750 x 900 mm	without back panel	1	
LABT-C11-001	900 x 750 x 900 mm	with back panel	1	
LABT-C12-001	1200 x 750 x 900 mm	with back panel	1	
LABT-C13-001	1500 x 750 x 900 mm	with back panel	1	
LABT-C14-001	1800 x 750 x 900 mm	with back panel	1	

INBAUTEK



“LABORATORY TABLE, A SHAPE

Worktop made with high resistance compact phenolic resin Fundermax Resistance², soft grey, 20 mm thick. Ideal for all types of laboratories and indispensable in physical-chemical laboratories. Tube metal frame made of cold rolled steel 60 x 30 mm, with an antirust epoxy resin protection layer. With a maximum load capacity of 300 kg/linear meter. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack
LABT-A01-001	900 x 750 x 900 mm	without back panel	1	
LABT-A02-001	1200 x 750 x 900 mm	without back panel	1	
LABT-A03-001	1500 x 750 x 900 mm	without back panel	1	
LABT-A04-001	1800 x 750 x 900 mm	without back panel	1	
LABT-A11-001	900 x 750 x 900 mm	with back panel	1	
LABT-A12-001	1200 x 750 x 900 mm	with back panel	1	
LABT-A13-001	1500 x 750 x 900 mm	with back panel	1	
LABT-A14-001	1800 x 750 x 900 mm	with back panel	1	

INBAUTEK



“WELDED CENTRAL LABORATORY TABLE

Worktop made with high resistance compact phenolic resin Fundermax Resistance², soft grey, 20 mm thick. Ideal for all type of laboratories and indispensable in physical-chemical laboratories. Tube metal frame made of cold rolled steel 40x40 mm, with an antirust epoxy resin protection layer. Can be used as a support surface for laboratory instrumentation and experiment setup. With a maximum load capacity of 400 kg/linear meter. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time 4 weeks

reference	dimensions (length x width x height)	pcs/pack	price/pack
LABT-M01-001	900 x 900 x 900 mm	1	
LABT-M02-001	1200 x 900 x 900 mm	1	
LABT-M03-001	1500 x 900 x 900 mm	1	
LABT-M04-001	1800 x 900 x 900 mm	1	

INBAUTEK





“DOUBLE TABLE FOR LABORATORY OVENS, INCUBATORS AND FURNACES

Table for furnaces, ovens and incubators. Two heights with a separation of 74 cm. Worktop made of high resistance compact phenolic resin Fundermax Resistance² soft grey, 20 mm thick. Ideal for all types of laboratories. Tube metal frame made of cold rolled steel 40 x 40 mm, with an antirust epoxy resin protection layer. With a maximum load capacity of 300 kg. Four adjustable support points to level the table. Delivered assembled. Warranty 5 years. Delivery time: 4 weeks



reference	dimensions (length x width x height)	pcs/pack	price/pack
LABT-H01-001	900 x 750 x 1300 mm	1	
LABT-H02-001	1200 x 750 x 1300 mm	1	
LABT-H03-001	1500 x 750 x 1300 mm	1	



“AUXILIAR LABORATORY CABINET WITH WHEELS AND ONE DOOR

Soft grey color. Right / left door. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brakes. Available in two versions:

> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handle made of natural aluminum
> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint
Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years.

Delivery time: 4 weeks



reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack
LABC-751-001	750 mm	450 x 520 x 635 mm	melamine	1	
LABC-901-001	900 mm	600 x 520 x 805 mm	melamine	1	
LABC-7B1-001	750 mm	450 x 520 x 635 mm	steel	1	
LABC-9B1-001	900 mm	600 x 520 x 805 mm	steel	1	



“AUXILIAR LABORATORY CABINET WITH WHEELS, ONE DRAWER AND ONE DOOR

Soft grey color. Right / left door. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brakes. Available in two versions:

> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum. Melamine drawer with guides and sides of sheet steel coated with antioxidant protection

> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint. Chest of drawer with synchronized slides of high precision and total extraction, soft and silent closing

Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks



reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack
LABC-752-001	750 mm	450 x 520 x 635 mm	melamine	1	
LABC-902-001	900 mm	600 x 520 x 805 mm	melamine	1	
LABC-7B2-001	750 mm	450 x 520 x 635 mm	steel	1	
LABC-9B2-001	900 mm	600 x 520 x 805 mm	steel	1	

“AUXILIAR LABORATORY CABINET WITH WHEELS AND DRAWERS

Soft grey color. Four wheels at the base, two with brakes. Available in two versions:

> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum. Melamine drawer with guides and sides of sheet steel coated with antioxidant protection

-> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint.

Chest of drawers with synchronized slides of high precision and total extraction, soft and silent closing

Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	drawers n°	dimensions (length x width x height)	type	pcs/pack	price/pack
LABC-753-001	750 mm	3	450 x 520 x 635 mm	melamine	1	
LABC-903-001	900 mm	4	600 x 520 x 805 mm	melamine	1	
LABC-906-001	900 mm	4	900 x 520 x 805 mm	melamine	1	
LABC-7B3-001	750 mm	3	450 x 520 x 635 mm	steel	1	
LABC-9B3-001	900 mm	4	600 x 520 x 805 mm	steel	1	
LABC-9B4-001	900 mm	4	900 x 520 x 805 mm	steel	1	

INBAUTEX



“AUXILIAR LABORATORY CABINET WITH WHEELS AND TWO DOORS

Soft grey color. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brake. Available in two versions:

> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum > built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint

Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack
LABC-904-001	900 mm	900 x 520 x 805 mm	melamine	1	
LABC-9B5-001	900 mm	900 x 520 x 805 mm	steel	1	

INBAUTEX



“AUXILIAR LABORATORY CABINET WITH WHEELS, ONE DRAWER AND TWO DOORS

Soft grey color. Hinges with 270° opening. Includes a height adjustable shelf. Four wheels at the base, two with brake. Available in two versions:

> made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). Handles made of natural aluminum. Drawer with guides and sides of sheet steel coated with antioxidant protection

> built with cold-rolled galvanized sheet steel (1 mm thick), finished in thermo-hardened epoxy-polyester paint.

Chest of drawers with synchronized slides of high precision and total extraction, soft and silent closing

Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years. Delivery time: 4 weeks

reference	height of work	dimensions (length x width x height)	type	pcs/pack	price/pack
LABC-905-001	900 mm	900 x 520 x 805 mm	melamine	1	
LABC-9B6-001	900 mm	900 x 520 x 805 mm	steel	1	

INBAUTEX





"HANGING TOP FURNITURE

Soft grey color. Made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). The doors may be blind folding melamine or sliding glass doors. Doors with 270 ° opening hinges. Includes a height adjustable shelf. Delivered assembled with the handle inside the cabinet to avoid damage. Warranty 5 years.

Delivery time: 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack
LABC-607-001	600 x 350 x 700 mm	1 blind folding door	1	
LABC-907-001	900 x 350 x 700 mm	2 blind folding doors	1	
LABC-6V7-001	600 x 350 x 700 mm	1 folding glass door	1	
LABC-9V7-001	900 x 350 x 700 mm	2 sliding glass	1	



"TALL LABORATORY FURNITURE

Soft grey color. Made of melamine (19 mm thick). Fronts edged with aluminum (1 mm thick). The doors may be blind folding melamine or glass doors. Hinges with 270 ° opening. Includes three height adjustable shelves, made of melamine (19 mm thick). Delivered assembled except for glass doors. Warranty 5 years.

Delivery time: 4 weeks

reference	dimensions (length x width x height)	type	pcs/pack	price/pack
LABW-900-001	900 x 500 x 2000 mm	blind folding melamine doors	1	
LABW-1K2-001	1200 x 500 x 2000 mm	blind folding melamine doors	1	
LABW-90V-001	900 x 500 x 2000 mm	glass doors	1	
LABW-1V2-001	1200 x 500 x 2000 mm	glass doors	1	



"LABORATORY SINK UNIT IN POLYPROPYLENE

With anti-splash sides in welded PP. Cabinet sides, base and lid made of water-repellent melamine (19 mm thick) with 1 or 2 doors of 270 ° opening. Handle made of natural aluminum. Laboratory water tap mix. Includes the following accessories: 1 siphon, 2 connecting tube 3/8HM, 50 cm tube PVC Ø40 mm, 1 elbow 90 °, 1 elbow 45 °, 1 handle, filter and overflow pipe exit 1 ½. Delivered assembled. Warranty 5 years. Delivery time: 4 weeks

reference	dimensions (length x width x height)	number of doors	number of wells	number of drainers	pcs/pack	price/pack
LABS-A01-001	600 x 750 x 900 mm	1	1	0	1	
LABS-A02-001	900 x 750 x 900 mm	2	1	1	1	
LABS-A03-001	1200 x 750 x 900 mm	2	1	1	1	
LABS-A04-001	1200 x 750 x 900 mm	2	2	0	1	



clink

AUXILIARY LABORATORY TROLLEY

Made of polished 18/8 304 stainless steel, with 4 rotating wheels of 60 mm, flat superior and inferior shelves. Available with 2 or 3 shelves. Warranty 3 years

reference	dimensions (length x width x height)	shelves	max. weight	pcs/pack	price/pack
LATR-602-001	600 x 400 x 870 mm	2	20 kg / shelf	1	
LATR-603-001	600 x 400 x 870 mm	3	20 kg / shelf	1	



LOW LABORATORY CHAIR WITH WHEELS

Five wheels, rotating, for working at a 75 cm height. Seat/back material: Anti-slip polyurethane, easy to clean. Resistant to abrasion and cleaning products. Adjustable seat by gas lift: 40-58 cm. Seat dimensions (width x depth): 46 x 44 cm. Dimensions of the backrest (width x height): 41 x 31 cm.

Base: black polyamide with fiberglass, diameter of base: 60 cm. Includes armrests. Delivered unassembled. Warranty 1 year

reference	description	pcs/pack	price/pack
LACH-040-001	low laboratory chair with wheels	1	

bb



HIGH LABORATORY CHAIR WITH FOOTREST

Five feet, rotating seat, for working at a 90 cm height. Seat/back material: Anti-slip polyurethane, easy to clean. Resistant to abrasion and cleaning products. Adjustable seat by gas lift: 55-74 cm. Seat dimensions (width x depth): 46 x 44 cm. Dimensions of the backrest (width x height): 41 x 31 cm. With 45 cm diameter footrest. Base: black polyamide with fiberglass, base diameter: 60 cm. Includes armrests and wheels. Delivered unassembled. Warranty 1 year

reference	description	pcs/pack	price/pack
LACH-055-001	high laboratory chair with footrest	1	
LACH-A01-005	chair & stool wheels	5	

bb



HIGH LABORATORY STOOL WITH FOOTREST

Five feet, rotating seat. Seat material: Anti-slip polyurethane, easy to clean. Resistant to abrasion and cleaning products. Adjustable seat by gas lift: 54-85 cm. Diameter of the seat: 33 cm. With footrest of 45 cm diameter. Base: black polyamide with fiberglass, base diameter: 60 cm. Delivered unassembled. Warranty 1 year

reference	description	pcs/pack	price/pack
LASL-054-001	high laboratory stool with footrest	1	
LACH-A01-005	chair & stool wheels	5	

bb



WASTE BIN WITH PEDAL

Made of stainless steel, with extractable plastic container in the interior

reference	capacity	∅ (mm)	h (mm)	pcs/pack	price/pack
LACB-005-001	5 L	20	280	1	
LACB-012-001	12 L	25	390	1	
LACB-020-001	20 L	29	440	1	
LACB-030-001	30 L	29	670	1	

clink





“WASTE FURNITURE

Waste container system for low module made of 19 mm thick melamine, with complete extraction system and cushioned closure. The containers are made of recyclable polypropylene resistant to high and low temperatures, shocks, scratches and chemical products. The lid is fixed and can be used as an internal shelf. GRASS Nova Pro guides that guarantee the minimum opening force, the most effective brake (system by air and not by oils or greases) and a total synchronization both in opening and in closing with up to 40 kg of load. Four wheels at the base, two of them with brakes. Light grey color. 2 buckets included. Delivered assembled. Warranty 5 years. Delivery time 4 weeks



reference	dimensions (length x width x height)	type	pcs/pack	price/pack
LABR-450-001	450 x 520 x 635 mm	two buckets of 30 L	1	
LABR-600-001	600 x 520 x 820 mm	two buckets of 36 L	1	

clink

STEPPERS

Tubular structure of chromium plated steel, with surface made of non-sliding rubber



reference	dimensions (length x width x height)	type	pcs/pack	price/pack
LABN-001-001	450 x 200 x 270 mm	one step	1	
LABN-002-001	450 x 520 x 270 mm	two steps	1	

clink

WALL SUPPORT FOR BASKETS

Stainless steel. Support with hooks for 4 baskets. Two 1500 x 30 x 15 mm bars



reference	description	pcs/pack	price/pack
LASC-004-001	support for 4 baskets (does not include baskets)	1	
LASC-A01-001	basket in stainless steel, 570 x 300 x 200 mm	1	

Our laboratory tables are made of Max Resistance², a patented material according to EN-438-4.

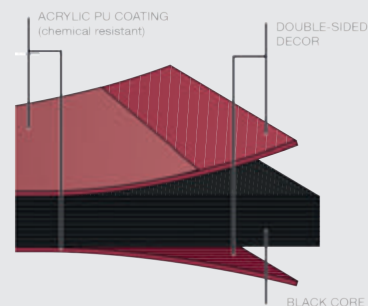
Great robustness, it is not affected by solvents, most of acids, nor the most aggressive chemicals, exceeding the SEFA3 standards.

The absence of pores and micropores makes this surface easy to disinfect and does not favor the growth of bacteria (as effective as stainless steel or tiles), making it ideal for laboratories in the medical, biochemical, food and pharmaceutical fields.

Abrasion resistance is 3 times higher than melamine or EBC (450 U) has a 25% higher scratch resistance (Grade: 3-4, 4-6 N) and 8 mm impact resistance.

Withstands high temperatures up to 180 ° and sudden thermal variations tested under EN 438-2 standard.

MAX RESISTANCE² STRUCTURE





labbox

HEALTH AND SAFETY

Epiibox | VISITOR SAFETY GLASS

Made of polycarbonate with anti-scratches treatment and aeration slots in arms. According to EN 166 1.F CE standards

reference	description	pcs/pack	price/pack
SPEC-001-001	visitor safety glass	1	
12 units "Saving package"			
SPEC-001-012	visitor safety glass	12	

Epiibox | SAFETY GLASS

A



Made of polycarbonate with anti-scratch treatment. Includes an adjustable neck cord. Modern design and ultra light. Model A: According to EN 166 1.F CE standards. Model B: According to EN 166, EN 170 and EN 172 CE standards

reference	description	pcs/pack	price/pack
SPEC-002-001	safety glass (A)	1	
SPEC-UV2-001	safety glass, grey sunscreen with UV filter (B)	1	
12 units "Saving package"			
SPEC-002-012	safety glass (A)	12	



B

Epiibox | SAFETY GOGGLE

Frame made of comfortable and soft PVC, glass made of polycarbonate. High protection against impacts, particules, splashes, etc. Fixing self-adjusting elastic band. According to EN 166 CE standards

reference	description	pcs/pack	price/pack
SPEC-003-001	safety goggle	1	
10 units "Saving package"			
SPEC-003-010	safety goggle	10	

SAFETY GOGGLE PREMIUM LINE, LITE SERIES

Extremely comfortable, resistant frame. Small, ideal for workers who do not need prescription glasses. Forehead section with air vents. Adjustable headband. Optical lens: class 1, antifog treatment and anti-scratch treatment. Medium-energy impact resistance to high-speed particles, protection against large dust particles > 5 microns, protection against liquid droplets. According to EN 166 CE standards

reference	description	pcs/pack	price/pack
SPEC-004-001	safety goggle, LITE series	1	

**Epiibox** | CRYOGENIC PROTECTION GOGGLE

Made of a special designed composite for protecting against drops of liquid gases. Adjustable headband. Can be worn over prescription spectacles and for prolonged use. Protects also against impacts and UV rays. PPE category II, complies with EN 166 and EN 170

reference	description	pcs/pack	price/pack
SPEC-CRY-001	cryogenic protection goggle	1	

NON VENTED SAFETY GLASSES

Frame in PVC and curved polycarbonate lens. With adjustable elastic band and anti-scratch and anti-fog treatment. Protection against splashes, fumes, gases, and vapors. PPE of category II, compliant with standards EN 166:2001 and EN 170:2002

reference	description	pcs/pack	price/pack
SPEC-005-001	non vented safety glasses	1	

SINGER
safety



FACE PROTECTOR

Face protector made of polycarbonate with head self-adjusting elastic band. Internal foam strip. Very convenient front and side protection (protector covering 180 °). High protection against impacts, particles, splashes, etc. According to EN 166 CE standards

reference	description	pcs/pack	price/pack
FACE-001-001	face protector	1	

Epi**box**



REUSABLE HALF-MASK

Made of soft silicone. With harness and two adjustable straps. With two inhalation and one exhalation valve. For bayonet filters. Complies with EN 140 :1998 and (EU) 2016/425. Compatible with our FMAS filters

reference	description	pcs/pack	price/pack
SMAS-R01-001	reusable half-mask	1	
Accessories			
FMAS-001-002	filter ABEK1P3	2	
FMAS-002-002	filter FA2P3	2	

SINGER
safety



DISPOSABLE HYGIENIC MASK

Disposable 3-layer hygienic mask made of non-woven melt blown filter cloth. With adjustable nose clip and elastic rings for support

reference	description	pcs/pack	price/pack
MASK-H01-050	hygienic, 3 layers	50	

Epi**box**



DISPOSABLE RESPIRATOR, FFP1 LEVEL

Protection against solid particles and low toxicity liquids in low concentration (according to FFP1 level protection defined by EN 149:2001 standards), up to 4 x TLV. Spherical shape with adjustable nose clip

reference	type	pcs/pack	price/pack
MASK-001-020	FFP1 spherical shape without valve	20	
MASK-0V1-010	FFP1 spherical shape with valve	10	

Epi**box**



EpiBOX | **DISPOSABLE RESPIRATOR, FFP2 LEVEL**


Protection against solid particles and low or medium toxicity liquids (according to FFP2 level protection defined by EN 149:2001 standards); up to 12 x TLV. Available in spherical shape with valve



reference	type	pcs/pack	price/pack
MASK-002-010	FFP2 spherical shape with valve	10	

EpiBOX | **NR FILTERING MASK, FFP2 LEVEL**


Valveless, 5 layers with high filtration level and low breathing resistance. Foldable and individually packed (according to FFP2 level protection defined by EN149-2001 standards) with earloops and interior nose clip



reference	type	pcs/pack	price/pack
MASK-PB2-025	FFP2 white folded	25	
MASK-PN2-025	FFP2 black folded	25	

EpiBOX | **DISPOSABLE RESPIRATOR, FFP3 LEVEL**


Protection against solid particles and high toxicity liquids (according to FFP3 level protection defined by EN 149:2001 standards); up to 50 x TLV. Folded and adjustable nose clip



reference	type	pcs/pack	price/pack
MASK-003-020	FFP3 folded with valve	20	
MASK-P03-020	FFP3 folded without valve	20	


EpiBOX | **LAB-COAT FOR WOMEN WITH SNAP BUTTON**


With collar flap, 6 metal snap button closure that allows the garment to be quickly removed in case of accident. Two pockets in the lower side, one on the chest. White color



reference	size	waist girth	chest girth	pcs/pack	price/pack
In 100% cotton					
GOCW-S0S-001	S	82 - 88 cm	96 - 102 cm	1	
GOCW-S0M-001	M	90 - 96 cm	104 - 110 cm	1	
GOCW-S0L-001	L	98 - 104 cm	112 - 118 cm	1	
GOCW-SXL-001	XL	106 - 112 cm	120 - 126 cm	1	
GOCW-SXX-001	XXL	114 - 120 cm	128 - 134 cm	1	
In 100% cotton, "saving package"					
GOCW-S0S-010	S	82 - 88 cm	96 - 102 cm	10	
GOCW-S0M-010	M	90 - 96 cm	104 - 110 cm	10	
GOCW-S0L-010	L	98 - 104 cm	112 - 118 cm	10	
GOCW-SXL-010	XL	106 - 112 cm	120 - 126 cm	10	
GOCW-SXX-010	XXL	114 - 120 cm	128 - 134 cm	10	

LAB-COAT FOR WOMEN

With collar flap, closure by 5 buttons. Two pockets in the lower side and one on the chest. White color

Epibox

reference	size	waist girth	chest girth	pcs/pack	price/pack
In 65% polyester/35% cotton					
GOSW-00S-001	S	82 - 88 cm	96 - 102 cm	1	
GOSW-00M-001	M	90 - 96 cm	104 - 110 cm	1	
GOSW-00L-001	L	98 - 104 cm	112 - 118 cm	1	
GOSW-0XL-001	XL	106 - 112 cm	120 - 126 cm	1	
GOSW-0XL-001	XXL	114 - 120 cm	128 - 134 cm	1	
In 65% polyester/35% cotton, "saving package"					
GOSW-00S-010	S	82 - 88 cm	96 - 102 cm	10	
GOSW-00M-010	M	90 - 96 cm	104 - 110 cm	10	
GOSW-00L-010	L	98 - 104 cm	112 - 118 cm	10	
GOSW-0XL-010	XL	106 - 112 cm	120 - 126 cm	10	
GOSW-0XL-010	XXL	114 - 120 cm	128 - 134 cm	10	
In 100% cotton					
GOCW-00S-001	S	82 - 88 cm	96 - 102 cm	1	
GOCW-00M-001	M	90 - 96 cm	104 - 110 cm	1	
GOCW-00L-001	L	98 - 104 cm	112 - 118 cm	1	
GOCW-0XL-001	XL	106 - 112 cm	120 - 126 cm	1	
GOCW-0XL-001	XXL	114 - 120 cm	128 - 134 cm	1	
In 100% cotton, "saving package"					
GOCW-00S-010	S	82 - 88 cm	96 - 102 cm	10	
GOCW-00M-010	M	90 - 96 cm	104 - 110 cm	10	
GOCW-00L-010	L	98 - 104 cm	112 - 118 cm	10	
GOCW-0XL-010	XL	106 - 112 cm	120 - 126 cm	10	
GOCW-0XL-010	XXL	114 - 120 cm	128 - 134 cm	10	

**LAB-COAT FOR MEN WITH SNAP BUTTON**

With collar flap, 6 metal snap button closure that allows the garment to be quickly removed in case of accident. Two pockets in the lower side, one on the chest. White color

Epibox

reference	size	chest girth	pcs/pack	price/pack
In 100% cotton				
GOCM-S0S-001	S	98 - 104 cm	1	
GOCM-S0M-001	M	106 - 112 cm	1	
GOCM-S0L-001	L	114 - 120 cm	1	
GOCM-SXL-001	XL	122 - 128 cm	1	
GOCM-SXX-001	XXL	130 - 136 cm	1	
In 100% cotton, "saving package"				
GOCM-S0S-010	S	98 - 104 cm	10	
GOCM-S0M-010	M	106 - 112 cm	10	
GOCM-S0L-010	L	114 - 120 cm	10	
GOCM-SXL-010	XL	122 - 128 cm	10	
GOCM-SXX-010	XXL	130 - 136 cm	10	



Epibox | LAB-COAT FOR MEN



With collar flap, closure by 5 buttons. Two pockets in the lower side and one on the chest. White color



reference	size	chest girth	pcs/pack	price/pack
In 65% polyester/35% cotton				
GOSM-00S-001	S	98 - 104 cm	1	
GOSM-00M-001	M	106 - 112 cm	1	
GOSM-00L-001	L	114 - 120 cm	1	
GOSM-0XL-001	XL	122 - 128 cm	1	
GOSM-XXL-001	XXL	130 - 136 cm	1	
In 65% polyester/35% cotton, "saving package"				
GOSM-00S-010	S	98 - 104 cm	10	
GOSM-00M-010	M	106 - 112 cm	10	
GOSM-00L-010	L	114 - 120 cm	10	
GOSM-0XL-010	XL	122 - 128 cm	10	
GOSM-XXL-010	XXL	130 - 136 cm	10	
In 100% cotton				
GOCM-00S-001	S	98 - 104 cm	1	
GOCM-00M-001	M	106 - 112 cm	1	
GOCM-00L-001	L	114 - 120 cm	1	
GOCM-0XL-001	XL	122 - 128 cm	1	
GOCM-XXL-001	XXL	130 - 136 cm	1	
In 100% cotton, "saving package"				
GOCM-00S-010	S	98 - 104 cm	10	
GOCM-00M-010	M	106 - 112 cm	10	
GOCM-00L-010	L	114 - 120 cm	10	
GOCM-0XL-010	XL	122 - 128 cm	10	
GOCM-XXL-010	XXL	130 - 136 cm	10	



Epibox | DISPOSABLE COVERALL



White, in PP (40 gr) with zip fastening and hood. Adaptable to ankle and wrists by elastic band. Class I sanitary product and Class I PPE. Latex free. Complies with EU 2016/425, EU 2017/745 and EU 10/2011 directives



reference	size	pcs/pack	price/pack
DSCA-00M-005	M	5	
DSCA-00L-005	L	5	
DSCA-0XL-005	XL	5	
DSCA-XXL-005	XXL	5	
25 units "Saving package"			
DSCA-00M-025	M	25	
DSCA-00L-025	L	25	
DSCA-0XL-025	XL	25	
DSCA-XXL-025	XXL	25	

LABORATORY SCRUB SET

Set of unisex laboratory scrub with long sleeve top. Made of twill (65% polyester/35% cotton), white. Includes a V-neck top with a chest pocket and two waist patch pockets, as well as a pair of elastic waistband pants with 2 italian pockets. Grammage: 195 g

Epibox



reference	size	waist girth	pcs/pack	price/pack
LSSS-0XS-001	XS	72 cm	1	
LSSS-00S-001	S	76 - 80 cm	1	
LSSS-00M-001	M	84 - 88 cm	1	
LSSS-00L-001	L	92 - 96 cm	1	
LSSS-0XL-001	XL	100 - 104 cm	1	
LSSS-XXL-001	XXL	108 - 112 cm	1	
LSSS-3XL-001	XXXL	116 - 120 cm	1	
10 units "Saving package"				
LSSS-0XS-010	XS	72 cm	10	
LSSS-00S-010	S	76 - 80 cm	10	
LSSS-00M-010	M	84 - 88 cm	10	
LSSS-00L-010	L	92 - 96 cm	10	
LSSS-0XL-010	XL	100 - 104 cm	10	
LSSS-XXL-010	XXL	108 - 112 cm	10	
LSSS-3XL-010	XXXL	116 - 120 cm	10	

LABORATORY CLOGS

Made of antistatic SEBS (Styrene-ethylene-butylene-styrene), anatomical, with certified non-slip sole. With openings on the sides to facilitate ventilation. 100% recyclable. The references LACL-ST1-002 and LACL-ST2-002, allow the clog to be fastened to the ankle for greater comfort and safety. Complies with EN ISO 20347:2012. Autoclavable at 134 °C

Epibox



reference	EU size	pcs/pack	price/pack
LACL-W34-001	34/35	1	
LACL-W36-001	36/37	1	
LACL-W38-001	38/39	1	
LACL-W40-001	40/41	1	
LACL-W42-001	42/43	1	
LACL-W44-001	44/45	1	
LACL-W46-001	46/47	1	
LACL-ST1-002	33/43	2	
LACL-ST2-002	44/47	2	

DISPOSABLE CAP

Disposable cap made of white polypropylene, circular shape

Epibox



reference	type	pcs/pack	price/pack
CAPP-001-100	white colour	100	


DISPOSABLE TIE-ON MASK

Tie-on mask, made of 1 single layer of paper with self-adjusting elastic band

reference	type	pcs/pack	price/pack
MASK-000-100	white colour	100	


DISPOSABLE VISITOR COAT

Made of polypropylene and with a velcro closure



reference	type	pcs/pack	price/pack
COAP-002-010	one size, white colour	10	


DISPOSABLE SLEEVE

In blue LDPE. Adaptable by elastic band on both sides Waterproof. Latex free. Size 40 x 20 cm



reference	type	pcs/pack	price/pack
DSSL-001-100	blue colour	100	


DISPOSABLE BOOT COVERS

In blue LDPE. Adaptable by elastic band. Waterproof. Latex free. Size 41 x 50 cm



reference	type	pcs/pack	price/pack
DSBC-001-100	blue colour	100	


DISPOSABLE SHOE COVER

Adaptable to the ankle by elastic band. Waterproof, 15 x 38 cm



reference	type	pcs/pack	price/pack
SHOP-001-100	green colour, PE	100	
SHOP-002-100	blue colour, non-slip soles, TNT	100	
SHOP-003-100	blue colour, CPE	100	


NITRILE DISPOSABLE GLOVES

Powder-free, non sterile. Nitrile is much more chemically resistant than other kind of disposable gloves commonly used in laboratory, such as latex or vinyl. 100% latex protein free: An alternative to common latex gloves to prevent allergies. Ambidextrous. AQL 1,5. According to EU 2016/425, EN 420 and EN 374 1/5 standards



reference	type	pcs/pack	price/pack
GLON-00S-100	powder free, S (6-7) size	100	
GLON-00M-100	powder free, M (7-8) size	100	
GLON-00L-100	powder free, L (8-9) size	100	
GLON-0XL-100	powder free, XL (9-10) size	100	
10 x 100 gloves "Saving package"			
GLON-00S-1K0	powder free, S (6-7) size	10 x 100	
GLON-00M-1K0	powder free, M (7-8) size	10 x 100	
GLON-00L-1K0	powder free, L (8-9) size	10 x 100	
GLON-0XL-1K0	powder free, XL (9-10) size	10 x 100	



GLOVES DISPENSER

With lid and oval opening for dispensing, in 18/8 stainless steel

reference	dimensions (length x width x height)	pcs/pack	price/pack
GDSS-001-001	250 x 135 x 90 mm	1	

clink



NITRILE DISPOSABLE GLOVES "SENSITIVE"

Powder-free, non sterile. More sensitive to touch than usual nitrile gloves. With the advantages of nitrile gloves with at a more competitive price. 100% latex protein free. Ambidextrous. AQL 1,5. According to EU 2016/425, EN 420, and EN 374 1/5 standards

reference	type	pcs/pack	price/pack
GLOS-0XS-100	powder free, XS (5-6) size	100	
GLOS-00S-100	powder free, S (6-7) size	100	
GLOS-00M-100	powder free, M (7-8) size	100	
GLOS-00L-100	powder free, L (8-9) size	100	
GLOS-0XL-100	powder free, XL (9-10) size	100	
10 x 100 gloves "Saving package"			
GLOS-0XS-1K0	powder free, XS (5-6) size	10 x 100	
GLOS-00S-1K0	powder free, S (6-7) size	10 x 100	
GLOS-00M-1K0	powder free, M (7-8) size	10 x 100	
GLOS-00L-1K0	powder free, L (8-9) size	10 x 100	
GLOS-0XL-1K0	powder free, XL (9-10) size	10 x 100	

Epibox

NITRILE DISPOSABLE EXAM GLOVES, STERILE

Powder-free, with internal polymer for easy donning and removal. Anti-slip, resistant and sensitive to touch. Sterile by ethylene oxide. Ambidextrous AQL 1,0. Complies with directive 2016/425 /UE and standards EN ISO 21420, EN 374 1/2/4/5, EN 16523-1 and EN 388. American standards ASTM D6319

reference	type	pair of gloves	price/pack
GLEN-00S-050	sterile powder-free, small size	50	
GLEN-00M-050	sterile powder-free, medium size	50	
GLEN-00L-050	sterile powder-free, large size	50	
8 x 50 gloves "Saving package"			
GLEN-00S-400	sterile powder-free, small size	8 x 50	
GLEN-00M-400	sterile powder-free, medium size	8 x 50	
GLEN-00L-400	sterile powder-free, large size	8 x 50	

Epibox

NITRILE DISPOSABLE EXTRA-LONG GLOVES

Powder free, non-sterile. External microtexturized surface in the fingertips, provides a greater grip strength. Internal surface is chlorinated, smooth and comfortable. Ambidextrous AQL 1,5. They comply with the EN 420, EN 374 1/2/4/5 standards

reference	type	pcs/pack	price/pack
GLOX-B0S-050	28,5 cm long, small size	50	
GLOX-B0M-050	28,5 cm long, medium size	50	
GLOX-B0L-050	28,5 cm long, large size	50	
GLOX-BXL-050	28,5 cm long, extra-large size	50	

Epibox

Epibox**REUSABLE NITRILE GLOVES**

Powder free, non-sterile. The external surface has an anti-slip effect on fingers and palm for better grip. Internal surface is smooth, soft, comfortable, allows you to put on and take off the glove easily. According to EN 420, EN 374 1/2/3 and EN 388 standards



reference	type	pair of gloves	price/-pack
GLOR-00S-001	reusable, S (6-7) size	1	
GLOR-00M-001	reusable, M (7-8) size	1	
GLOR-00L-001	reusable, L (8-9) size	1	

Ansell**CHEMICAL PROTECTIVE GLOVES**

Chlorinated black latex gloves with cotton flocking inside. High mechanical resistance and resistance to many chemicals such as ketones, alcohols and bases. Complies with EN 388, EN 374-1 and EN 374-5



reference	type	pair of gloves	price/-pack
GLOQ-00M-001	medium size, 32,5 cm long	1	

Epibox**LATEX DISPOSABLE EXAM GLOVES**

Available in powdered and powder-free option, non sterile. 100% pure natural latex, natural colour. Ambidextrous. AQL 1.5. According to EU 2016/425, and EN 420, EN 374 1/5 and EN 455 1/2/3 standards

reference	type	pcs/-pack	price/-pack
Powdered			
GLOL-PXS-100	powdered, XS (5-6) size	100	
GLOL-POS-100	powdered, S (6-7) size	100	
GLOL-POM-100	powdered, M (7-8) size	100	
GLOL-POL-100	powdered, L (8-9) size	100	
GLOL-PXL-100	powdered, XL (9-10) size	100	
Powder-free			
GLOL-0XS-100	powder free, XS (5-6) size	100	
GLOL-0OS-100	powder free, S (6-7) size	100	
GLOL-0OM-100	powder free, M (7-8) size	100	
GLOL-0OL-100	powder free, L (8-9) size	100	
GLOL-0XL-100	powder free, XL (9-10) size	100	
10 x 100 Powdered gloves "Saving package"			
GLOL-PXS-1K0	powdered, XS (5-6) size	10 x 100	
GLOL-POS-1K0	powdered, S (6-7) size	10 x 100	
GLOL-POM-1K0	powdered, M (7-8) size	10 x 100	
GLOL-POL-1K0	powdered, L (8-9) size	10 x 100	
GLOL-PXL-1K0	powdered, XL (9-10) size	10 x 100	
10 x 100 Powder-free gloves "Saving package"			
GLOL-0XS-1K0	powder free, XS (5-6) size	10 x 100	
GLOL-0OS-1K0	powder free, S (6-7) size	10 x 100	
GLOL-0OM-1K0	powder free, M (7-8) size	10 x 100	
GLOL-0OL-1K0	powder free, L (8-9) size	10 x 100	
GLOL-0XL-1K0	powder free, XL (9-10) size	10 x 100	



GLOVES DISPENSER WALL MOUNT

Made of 18/8 stainless steel. With the sides open to facilitate the replacement of the consumable, ready to fix on the wall

clink



reference	dimensions (length x width x height)	pcs/pack	price/pack
GDWM-001-001	250 x 130 x 80 mm	1	

CRYOGENIC GLOVES

Used to handle items stored under liquid nitrogen or other very cold temperatures (from -120 °C up to -190 °C). Designed in order to leave plenty of space to the fingers. Water-resistant. Up to mid-arm, 37 cm long. According to EN 511 and EN 388 standards

Epi**box**

reference	type	pair of gloves	price/pack
GLOF-S37-001	small size	1	
GLOF-M37-001	medium size	1	
GLOF-L37-001	large size	1	

THERMAL PROTECTIVE GLOVES

Waterproof gloves for protection against liquid nitrogen (and other cryogenic gases) and heat (-200°C to 250°C). Antistatic and made of waterproof treated leather. An inner membrane allows perspiration but does not allow liquids to penetrate. Soft inner lining in multilayer fabric for thermal protection and comfort. 38 cm long. Conforms to EN 388, EN 511 and EN 407

Epi**box**

reference	type	pair of gloves	price/pack
GLOD-S38-001	small size	1	
GLOD-M38-001	medium size	1	
GLOD-L38-001	large size	1	

AUTOClave GLOVES

Made of Nomex III fibers (mixture of thermo-resistant and infusible aromatic polyamides) and with no asbestos fibers. Under normal service conditions, physical properties stay unchanged for several hours at 260 °C, withstanding as well 370 °C when its degradation starts. When approached to flame, they do not melt, but instead they get scorched making a crust allowing protection. Can also be used sporadically to handle items stored under nitrogen vapour phase (-180 °C). Resistant to bases, acids and organic products but not to large exposures to some concentrated inorganic acids. Available in 30 cm long or 52 cm long.

According to EN 407, EN 388 and EN 21420:2020 standards

Epi**box**

reference	type	pair of gloves	price/pack
GLOT-S30-001	small size, 30 cm long	1	
GLOT-M30-001	medium size, 30 cm long	1	
GLOT-L30-001	large size, 30 cm long	1	
GLOT-S52-001	small size, 52 cm long	1	
GLOT-M52-001	medium size, 52 cm long	1	
GLOT-L52-001	large size, 52 cm long	1	


Epibox | ANTI-ACID PVC GLOVES


Gloves made of red PVC with smooth finishing. Very good resistance to abrasion, concentrated acids, hydrocarbons, oils and grease. According to EN 388 and EN 420 standards

reference	type	pair of gloves	price/pack
GLOP-035-001	one size, length 40 cm	1	


Epibox | EARMUFF


Very light earmuff. Metal free. Light noise reduction (SNR = 27 db). Adjustable height pads and padded harness. According to EN 352-1 CE standards

reference	type	pcs/pack	price/pack
EARP-001-001	SNR = 27 dB	1	


Epibox | SAFE-HANDLE BOTTLE PROTECTOR

Prevents breakage of 2.5 L glass bottles commonly used for most laboratory reagents and solvent manufacturers. If a bottle does break, it helps contain glass shards and liquid spills, protecting lab personnel. Integrated handle helps handling and pouring heavy bottles. Easy-to-use mechanism and fully reusable. Important: suitable only for bottle models with smooth external surface (not suitable for bottles with integrated handle)

reference	description	pcs/pack	price/pack
SAFE-001-001	Safe-Handle bottle protector	1	


plum | QUICKFIX UNO DISPENSER


Dispenser with 45 elastic and comfortable textile plasters. The small dimensions allow attachment to almost any desired location either by screwing it to the wall or fixating it with adhesive strips

reference	dimensions (mm)	type	pcs/pack	price/pack
DPLA-001-001	85 x 130 x 35	dispenser with 45 elastic plasters	1	


plum | QUICKFIX PLASTERS


Adhesive plaster provides long-lasting and durable wound care. The plasters are elastic, skin sensitive and breathable. Option of waterproof plasters for humid work environments. Each plaster is packed individually and ready for use

reference	dimensions (mm)	type	pcs/pack	price/pack
PLAS-E72-270	72 x 25	brown colour, elastic	6 x 45	
PLAS-W72-270	72 x 25	brown colour, waterproof	6 x 45	

ALOE VERA BURN GEL

With a high concentration of Aloe Vera of 97.5%. The gel acts as first aid treatment for minor burns, scalds, sunburns and radiation injured skin. Rapid cooling and soothing effect that relieves the pain. Speeds up the healing process by moisturizing

reference	description	capacity	price/pack
ALOE-002-075	Aloe Vera gel	75 ml	

plum



EYEWASH STATIONARY STAND

Wall stand with two eyewash bottles, explanatory pictograms for instructions and a small mirror. Specially designed for work areas with eye damage risks by chemical products or foreign bodies. Includes two bottles available separately for sale: one including 500 ml of eyewash liquid (sterile NaCl 0.9%) and one including 200 ml of neutral solution (sterile phosphate buffer 4.9%). Neutral solution is to be used to quickly neutralize acids and bases and must be rinsed with the eyewash solution afterwards. Both bottles have an ergonomic mouth, perfectly adapted to the eye. According to CE standards and with expiry date from 2 to 3 years

reference	description	pcs/pack	price/pack
EYES-S01-001	stationary stand eyewash	1	
Spare parts			
EYES-SAL-500	saline solution, 500 ml	1	
EYES-NEU-200	200 ml neutral pH solution	1	

plum



DUO EYEWASH STATIONARY STAND

Wall stand with two DUO eyewash bottles, explanatory pictograms for instructions and a small mirror. Specially designed for work areas with eye damage risks by chemical products or foreign bodies. Includes two bottles available separately for sale: one including 1000 ml of eyewash liquid (sterile NaCl 0.9%) and one including 500 ml of neutral solution (sterile phosphate buffer 4.9%). Neutral solution is to be used to quickly neutralize acids and bases and must be rinsed with the eyewash solution afterwards. The DUO bottles are equipped with a special eye device that allows rinsing both eyes at the same time. According to CE standards and with expiry date from 2 to 3 years




reference	description	pcs/pack	price/pack
EYED-S01-001	DUO eyewash stationary stand	1	
Spare parts			
EYED-SAL-1K0	saline solution, 1000 ml, DUO bottle	1	
EYED-NEU-500	500 ml neutral pH solution, DUO bottle	1	

plum





labkem | **HYDROALCOHOLIC GEL**

Antiseptic gel, without perfume and not greasy. Specially designed for hygiene and disinfection of hands. Formulation with dermoprotective compound, protects the skin and prevents drying, allowing frequent use (up to 10 times/hour). Excellent penetrability and compatibility with the skin, dries quickly after application. Effective against a broad spectrum of bacteria, fungi and viruses. Contains 70% alcohol

reference	description	package	price/pack
ETHG-D01-300	bottle with dispenser	 300 ml	
ETHG-R01-1K0	refill bottle	 1 L	
ETHG-R01-5K0	refill bottle	 5 L	

labkem | **ANTISEPTIC WITH 0,5% CHLORHEXIDINE**

Chlorhexidine/alcohol hand and skin antiseptic. The active ingredients are 0,5% w/v Chlorhexidine Gluconate and Ethanol. Contains emollients to assist in the maintenance of skin integrity. Broad spectrum antibacterial and antiviral agent. Active against most Gram positive and negative bacteria and some lipophilic viruses

reference	description	package	price/pack
ACHL-D05-300	bottle with dispenser	 300 ml	
ACHL-R05-1K0	refill bottle	 1 L	

labkem | **ABSORBENT POWDER FOR SPILLED LIQUIDS, AUXILIARY GRADE**


Naturally occurring absorbent particles specially designed to absorb all kinds of spills or leaks that occur inside or outside in protected areas of the wind. Mineral sepiolite 30/60 assay > 65%, max. bulk density 720 g/l, min. water absorption 110% and min. oil absorption 65%.

INSTRUCTIONS: Add the granules on the spilled liquid, wait for a few minutes until the liquid is completely absorbed and collect it with a shovel. For further information, see Specification Sheet available on the website

reference	description	package	price/pack
ABSU-00P-1K0	mineral sepiolite	 1 kg	
ABSU-00P-5K0	mineral sepiolite	 5 kg	

labkem | **RINSING AGENT, FOR AUTOMATIC WASHING MACHINE**




Acidic neutralizing agent - surfactant free. For use in laboratory glassware washers. LABKEM RINSE AGENT A103 is biodegradable and is used in the neutralizing cycle after the main alkaline washing cycle with LABKEM CLEANER A102. Neutralizes and removes residual alkaline and mineral traces which may cause white stains on glassware. LABKEM RINSE AGENT A103 can also be used in the prewash cycle. Complete rinse without residues. See Specification Sheet to consult the composition and other relevant information available on the website

reference	description	package	price/pack
SOAP-103-5K0	labkem rinse agent A103	 5 L	

DETERGENTS FOR LABORATORY USE, FOR MANUAL CLEANING

Recommended for manual use, soaking and ultrasonic cleaning of glassware and laboratory equipment made of stainless steel, porcelain, ceramic and plastic. LABKEM CLEANER is biodegradable and ensures complete removal: grease, oils, blood, cell tissue, chemicals and biological residues, etc.

Complete rinse without residues. See Specification Sheet to consult the composition and other information (to be downloaded from our website)

reference	description	package	price/pack
SOAP-066-5K0	Labkem cleaner M66 Alkaline liquid detergent	 5 L	
SOAP-067-5K0	Labkem cleaner M67 Alkaline liquid detergent, Phosphate free	 5 L	
SOAP-068-5K0	Labkem cleaner M68 Neutral liquid detergent	 5 L	




labkem



DETERGENTS FOR LABORATORY USE, FOR AUTOMATIC WASHING MACHINE

Recommended for use in laboratory glassware washers, washers-sterilizers, spray washers. LABKEM CLEANER is used to clean glassware, instruments and items made of stainless steel, plastic, ceramic and porcelain. Efficiently removes grease, silicon oil, blood, cell cultures, chemical and biological residues. Complete rinse without residues. See Specification Sheet to consult the composition and other relevant information (to be downloaded from our website).

Caution: SOAP-107-5K0 - Dangerous chemical product (UN 1824). Due to shipping restrictions or local/national regulations, this product may not be available in all countries or for some particular customers. For more information, please contact our Customer Service

reference	description	package	price/pack
SOAP-102-5K0	Labkem cleaner A102 Alkaline liq. detergent, Phosphate free	 5 L	
SOAP-106-5K0	Labkem cleaner A106 Neutral liquid detergent, Phosphate free	 5 L	
SOAP-107-5K0	Labkem cleaner A107 Alkaline powder detergent	 4,5 kg	

labkem



DISINFECTANTS FOR LABORATORIES








Disinfectants for surfaces, material and laboratory equipment. 3 varieties available for different types of laboratories: General, Medical and Molecular Biology.

DSNF-GFS-750 - GERMfree solution for disinfection of instruments and surfaces in general.

DSNF-MYS-250 - MYCOPLASMAfree solution for particularly active disinfection of mycoplasma and a wide variety of microorganisms.

DSNF-ZDS-250 - ZERO DNA solution for cleaning contaminating DNA and RNA particles of examinations, samples and tests in PCR assays. Complete rinse without residues.

See Specification Sheet to consult the composition and other relevant information (to be downloaded from our website)

reference	description	package	price/pack
DSNF-GFS-750	GERMfree solution spray	 750 ml	
DSNF-GFR-750	GERMfree refill	 750 ml	
DSNF-GFR-5K0	GERMfree refill	 5 L	
DSNF-MYS-250	MYCOPLASMA solution spray	 250 ml	
DSNF-ZDS-250	ZERO DNA solution spray	 250 ml	
DSNF-MYR-500	MYCOPLASMA refill	 500 ml	
DSNF-ZDR-500	ZERO DNA refill	 500 ml	

labkem





bb | DRAINING RACK FOR LABWARE

PVC coated wire. Can be hung or placed upon a table. Includes a water collection tray

reference	type	h (mm)	w (mm)	base (mm)	pcs/pack	price/pack
DRAI-055-001	55 positions	650	360	360 x 130	1	
Accessories and spare parts						
DRAI-TRA-001	replacement tray				1	



astikC's | WALL DRAINING RACK FOR LABWARE

Made of ABS and polycarbonate. To be used hanging on the wall. Bottom of the rack is provided with a tray which collects all the waste water with drain outlet to facilitate emptying

reference	type	h (mm)	w (mm)	pcs/pack	price/pack
DRAI-P20-001	20 positions	460	350	1	



bb | TEST TUBE BASKET

Made of polypropylene. Autoclavable at 121 °C



reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack
TTBP-001-001	140	120	110	1	
TTBP-002-001	160	160	160	1	



bb | TEST TUBE BASKET WITH COVER

Made of polypropylene, non-corrosive, with hinged lid. For sterilising tubes and small instruments. Autoclavable at 121 °C



reference	h (mm)	l (mm)	w (mm)	pcs/pack	price/pack
TTBC-001-001	110	120	150	1	
TTBC-002-001	180	170	160	1	
TTBC-003-001	230	230	230	1	



bb | STAINLESS STEEL WIRE BASKET

Designed for transporting, storing, cleaning and sterilising laboratory utensils. Excellent chemical resistance. Both models round and square come with folding handle, and the square model comes also with lid



reference	external dimensions	type	pcs/pack	price/pack
BASS-R15-001	∅ 150 x h 120 mm	round	1	
BASS-R21-001	∅ 210 x h 180 mm	round	1	
BASS-R24-001	∅ 240 x h 180 mm	round	1	
BASS-R30-001	∅ 300 x h 200 mm	round	1	
BASS-S16-001	160 x 160 x 160 mm	square	1	
BASS-S20-001	200 x 200 x 200 mm	square	1	
BASS-S30-001	300 x 200 x 150 mm	square	1	

PROTECTIVE SILICONE MAT FOR GLASS

Made of silicone. Ideal to protect the glass during cleaning and allow it to drain

reference	dimensions (length x width x height)	type	pcs/pack	price/pack
PSIM-W30-001	250 x 300 mm	wavy	1	

bb

**WASTE STERILIZING BAG, HDPE**

Made of polyethylene (HDPE). Translucent. Perfect for the sterilization and disposal of hazardous and contaminated labware. With side gusset. Thickness: 0,03 mm

reference	capacity	dimensions (mm)	pcs/pack	price/pack
WABS-300-100	8 L	300 x 500	100	
WABS-400-100	38 L	400 x 780	100	
WABS-600-100	60 L	600 x 800	100	
"Saving package"				
WABS-300-2K0	8 L	300 x 500	20 x 100	
WABS-400-1K0	38 L	400 x 780	10 x 100	
WABS-600-500	60 L	600 x 800	5 x 100	

astik's

**WASTE DISPOSAL BAG RESISTANT TO AUTOCLAVE, PP**

Made of polypropylene (PP), autoclavable at 134° C. Perfect for the sterilization and disposal of hazardous and contaminated labware. For autoclaving, the bag must not be completely closed.
Thickness: 0,05 mm

reference	capacity	dimensions (mm)	pcs/pack	price/pack
WABP-300-100	8 L	300 x 500	100	
WABP-400-100	38 L	400 x 780	100	
WABP-600-100	60 L	600 x 800	100	
"Saving package"				
WABP-300-1K5	8 L	300 x 500	15 x 100	
WABP-400-600	38 L	400 x 780	6 x 100	
WABP-600-300	60 L	600 x 800	3 x 100	

astik's

**SELF-SEALING STERILIZATION POUCH**

Self-sealing disposable bags, ideal for the sterilization of instruments in laboratories. With a transparent side to facilitate the identification of the content. Suitable for autoclaving and ethylene oxide (EtO) and gamma sterilization

reference	dimensions (mm)	film dimensions (mm)	pcs/pack	price/pack
STPO-070-200	70 x 260	70 x 230	200	
STPO-090-200	90 x 260	90 x 230	200	
STPO-190-200	190 x 360	190 x 330	200	

bb





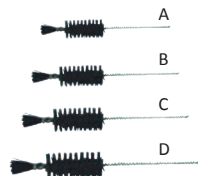
bb SET OF 9 ASSORTED BRUSHES

Includes brushes for general use and test tubes of different sizes in nylon and natural bristle

reference	type	pcs/pack	price/pack
BRU1-KIT-001	9 assorted brushes	1	

bb BRUSHES FOR GENERAL PURPOSES

Natural bristle hand on twisted galvanized iron wire stem



reference	l_{total} (mm)	$\varnothing_{\text{brush}}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack
BRU4-001-001	280	40	80	natural bristle (A)	1	
BRU4-002-001	310	50	100	natural bristle (B)	1	
BRU4-003-001	355	50	110	natural bristle (C)	1	
BRU4-004-001	600	70	150	natural bristle (D)	1	

bb BURETTE BRUSHES

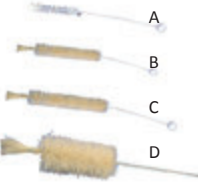
Natural bristle hand on twisted galvanized iron wire stem



reference	l_{total} (mm)	$\varnothing_{\text{brush}}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack
BRU3-005-001	800	25	150	natural bristle	1	

bb TEST TUBE BRUSHES

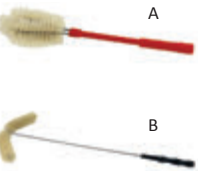
White nylon or natural bristle hand on twisted galvanized iron wire stem



reference	l_{total} (mm)	$\varnothing_{\text{brush}}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack
BRU1-002-002	120	6	40	nylon (A)	2	
BRU3-001-001	170	17	55	natural bristle (B)	1	
BRU3-002-001	200	25	75	natural bristle (C)	1	
BRU3-003-001	240	35	70	natural bristle (D)	1	

bb BRUSH FOR SPECIAL PURPOSES

Natural bristle



reference	l_{total} (mm)	$\varnothing_{\text{brush}}$ (mm)	l_{brush} (mm)	type	pcs/pack	price/pack
BRU2-001-001	380	16	120	for big beakers (A)	1	
BRU2-003-001	580	40	220	for round bottom flasks (B)	1	

BRUSHES WITH SOFT TIP

Nylon brush with twisted galvanised iron wire handle. With extra cushioning at the tip for thorough cleaning of delicate materials

reference	l _{total} (mm)	∅ _{brush} (mm)	l _{brush} (mm)	type	pcs/pack	price/pack
BRU5-005-002	300	5	100	nylon	2	
BRU5-010-002	300	10	100	nylon	2	
BRU5-020-002	300	20	100	nylon	2	
BRU5-030-002	300	30	100	nylon	2	

**MICROFIBER CLOTH**

Multipurpose with great absorption capacity for all types of surfaces. 4 different colors. Composition: 80% polyester and 20% polyamide

reference	dimensions (mm)	weight/surface (g/m ²)	pcs/pack	price/pack
MFCS-001-004	350 x 300	280	4	

**ANTIBACTERIAL MICROFIBER CLOTH**

With Copptech antibacterial technology. Eliminates up to 99.9% of bacteria. Tested according to ISO 20743: 2013. 3 different colours. Composition: 80% polyester and 20% polyamide

reference	dimensions (mm)	weight/surface (g/m ²)	pcs/pack	price/pack
AMFC-001-003	400 x 350	290 ±10%	3	

**ANTIBACTERIAL MICROFIBER MOP**

With Copptech antibacterial technology. Eliminates up to 99.9% of bacteria. Tested according to ISO 20743: 2013. Quick drying and great absorption capacity. Composition: 80% polyester and 20% polyamide

reference	description	pcs/pack	price/pack
AMFM-001-001	antibacterial	1	

**PRAT DUMAS****JOSEPH PAPER**

Extra thin paper, superior quality for wiping or packing laboratory glassware. Chemical and solvent-free. Excellent absorption and perfect wiping, does not go fluffy. Surface weight: 30 g/m². Thickness: 70 μm

reference	l (mm)	w (mm)	pcs/pack	price/pack
JPPF-350-040	350	500	40	
JPPF-350-800	350	500	800	





bb INDUSTRIAL WORK CELLULOSE PAPER

Double layer. Embossing and precut. Paper weight 36 g/m². Ideal for basic drying tasks. 475 m (1610 sheets)

reference	∅ _{hole}	wide	weight	pcs/pack	price/pack
IWCP-001-002	7 cm	26 cm	4,5 kg	2	



bb DRY HANDS CELLULOSE PAPER, MULTIPURPOSE

Double laminated layer. Embossing and precut. Paper weight 36 g/m². Ideal for basic drying tasks. 130 m (440 sheets)

reference	∅ _{hole}	wide	long	weight	pcs/pack	price/pack
DHCP-001-006	7 cm	20 cm	130 m	800 g	6	



bb PAPER ROLL HOLDER

Roll holder in lacquered steel and ABS. The top blade facilitates the cutting of the paper. Compatible with industrial paper rolls up to 31 centimetres wide

reference	weight (kg)	dimensions (length x width x height)	description	pcs/pack	price/pack
SOPO-A31-001	2,2	950 x 400 x 390 mm	green colour, foldable	1	



bb CELLULOSE TISSUES

Double layer. 100% cellulose. 100 service dispenser box. Suitable for all types of environments

reference	l (mm)	w (mm)	surface weight	pcs/pack	price/pack
CELT-001-001	210	200	32 g	1	



bb CARBOARD RECYCLING BIN

With printed icons to mark the content to deposit. 216 x 204 mm top entry and side handles. Weight 755 g/m². Can be used with our reference WABS-600-100

reference	dimensions (length x width x height)	pcs/pack	price/pack
CRBN-001-001	280 x 280 x 700 mm	1	

OUR RANGE OF METRIA SCALES IS EXPANDING.

We are introducing the new analytical scale, PLUS:

- Precision: 0.0001 g
- High stability
- Backlit LCD display
- Spacious draft shield



see p. 248



labbox

CHEMICALS

LABORATORY CHEMICALS AND REAGENTS **labkem**

PRODUCT DISTRIBUTION

BASICEM CHEMICALS FOR USE IN LABORATORIES. INCLUDES THE FOLLOWING GRADES:

- AGR** – **ANALYTICAL GRADE:** FOR ANALYTICAL APPLICATIONS WITH LOW IMPURITY LEVEL (ON THE ORDER OF PPM), ACCORDING ACS OR ISO STANDARDS
- EPR** – **EXTRA PURE:** FOR ORGANIC SYNTHESIS, CHEMICAL PREPARATIVE OR ROUTINE ANALYSIS APPLICATIONS
- GLR** – **GENERAL LABORATORY REAGENT:** FOR GENERAL USE.
- VSA** – **VOLUMETRIC SOLUTION FOR ANALYSIS:** USED IN VOLUMETRIC ANALYSIS, MOSTLY ACID-BASE
- IND** – **INDICATOR:** INDICATORS FOR VOLUMETRIC TITRATIONS
- AUX** – **AUXILIARY GRADE:** AUXILIARY PRODUCTS FOR LABORATORY USES
























LIFEKEM PRODUCTS FOR BIOLOGICAL AND MICROBIOLOGICAL APPLICATIONS. INCLUDES THE FOLLOWING GRADES:

- MIC** – **MICROSCOPY GRADE:** DYES AND STAINS IN POWDER OR READY TO USE IN MICROSCOPY AND HISTOLOGY APPLICATIONS
- HIS** – **HISTOLOGY GRADE:** TO USE IN THE FIELD OF PATHOLOGY
- BAC** – **BACTERIOLOGY GRADE:** CULTURE MEDIA, BASES, BROTHS AND INGREDIENTS FOR BACTERIOLOGICAL APPLICATIONS
- GEN** – **MOLECULAR GENETIC GRADE:** CULTURE MEDIA, BASES AND AGAROSSES FOR MOLECULAR BIOLOGY APPLICATIONS

INSTRUKEM HIGH PERFORMANCE PRODUCTS FOR GC, HPLC, LC-MS AND ICP AND OTHER INSTRUMENTAL ANALYTICAL TECHNIQUES. INCLUDES THE FOLLOWING GRADES:

- GGR** – **GRADIENT GRADE:** HIGH PERFORMANCE SOLVENTS FOR HPLC (HIGH PRESSURE LIQUID CHROMATOGRAPHY)
- PGR** – **PESTICIDE GRADE:** SOLVENTS FOR PESTICIDE ANALYSIS
- LGR** – **LC/MS GRADE:** ULTRA-HIGH PERFORMANCE SOLVENTS FOR LC-MS (LIQUID CHROMATOGRAPHY – MASS SPECTROMETRY)
- TGR** – **TRACE GRADE:** VERY HIGH PURITY ACIDS, WITH AN IMPURITY LEVEL ON THE ORDER OF 0,1-1 PPB, FOR SAMPLE PREPARATION FOR TRACE ANALYSIS BY ICP-MS/OES (INDUCTIVELY COUPLED PLASMA – MASS SPECTROMETRY / OPTICAL EMISSION SPECTROMETRY)
- KFR** – **KARL-FISCHER GRADE:** REAGENTS FOR DETERMINATION OF HUMITY BY KARL-FISCHER METHOD

PACKAGING

	plastic bottle GL45		Bag in Box PET/Al		COEX plastic jerrycan
	plastic bottle		glass bottle PP28		plastic pail
	glass bottle GL45		metal can		vial
	glass bottle		glass dropper bottle		bag
	plastic dropper bottle		specimen container		zipper bag
	plastic ampoule		plastic jerrycan		plastic dispenser bottle
	aluminium container		COEX plastic bottle		plastic spray
	plastic twin neck		plastic Bag		

ABSORBENT POWDER SEE P. 344**ACETIC ACID, GLACIAL**

MW: 60.05 CAS: 64-19-7 EC: 200-580-7 EC INDEX: 607-002-00-6

IMDG: 8 (3) II UN 2789 ADR: 8 (3) II UN 2789 (D/E) IATA: 8 (3) II UN 2789

CH₃COOH

ACETIC ACID, GLACIAL 99.5% GLR	BASICHEM	reference	packaging	price
App. Colourless clear liquid Assay > 99.5% Density at 20°C approx. 1.049 - approx.	1.049 Res. on evap. < 0.005% Cl ⁻ < 0.0002%	SO ₄ < 0.0005% Heavy metals (Pb) < 0.0002% Fe < 0.0005%	ACAC-G0P-1K0 1 L	
		ACAC-G0P-2K5 2,5 L		
		ACAC-G0P-5K0 5 L		
ACETIC ACID, GLACIAL 99.5% AGR	BASICHEM	reference	packaging	price
Assay > 99.5% Acetaldehyde < 0.01% Subst. red. KMnO ₄ < 0.02%	Cl ⁻ < 0.0001% Density at 20°C 1.049 - 1.052g/ml Res. on evap. < 0.002%	Fe < 0.00006% SO ₄ < 0.0002% Heavy metals (Pb) < 0.0001%	ACAC-GGA-1K0 1 L	
		ACAC-GGA-2K5 2,5 L		
ACETIC ACID, GLACIAL 99.8% AGR ACS, ISO, PH. EUR.	BASICHEM	reference	packaging	price
Assay > 99.8% Non-Vol. Mat. < 0.0005% Ag < 0.000001% Al < 0.000005% As < 0.000001% Ba < 0.000001% Be < 0.000001% Bi < 0.00001% Ca < 0.00002% Cd < 0.000005% Co < 0.000001%	Cr < 0.000002% Cu < 0.000001% Fe < 0.00001% Ge < 0.000005% K < 0.00001% Li < 0.000001% Mg < 0.00001% Mn < 0.000001% Mo < 0.000002% Na < 0.00005% Ni < 0.000002%	Pb < 0.000002% Sr < 0.000001% Ti < 0.00001% Tl < 0.000005% V < 0.000001% Zn < 0.000005% Zr < 0.00001% Cl ⁻ < 0.00005% PO ₄ < 0.00005% SO ₄ < 0.00005% Acetaldehyde < 0.0002%	Acetic anhydride < 0.01% Indif. to CrO ₃ Passes test Subst. red. KMnO ₄ < 0.002% H ₂ O < 0.15% Colour (Hazen) < 5 Res. on evap. < 0.001% Heavy met. < 0.00005% Alkalinity < 0.0004meq/g	ACAC-GIA-1K0 1 L
		ACAC-GIA-2K5 2,5 L		
		ACAC-GIA-P04 4x2,5 L		

ACETIC ACID, VOLUMETRIC SOLUTION

MW: 60.05 CAS: 64-19-7 EC: 200-580-7 EC INDEX: 607-002-00-6

CH₃COOH

ACETIC ACID, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Concentration 0.0996 - 0.1004M		ACAC-01V-1K0	1 L	
ACETIC ACID, VOLUMETRIC SOLUTION 1 M (1 N) VSA	BASICHEM	reference	packaging	price
Concentration 0.996 - 1.004M		ACAC-1V0-1K0	1 L	

ACETIC ANHYDRIDE

MW: 102.08 CAS: 108-24-7 EC: 203-564-8 EC INDEX: 607-008-00-9 TARIC code: 29152400 Restriction: Drugs precursor Cat. 2

IMDG: 8 (3) II UN 1715 ADR: 8 (3) II UN 1715 (D/E) IATA: 8 (3) II UN 1715

(CH₃CO)₂O

ACETIC ANHYDRIDE AGR ACS, ISO, PH. EUR.	BASICHEM	reference	packaging	price
Assay > 99% Non-Vol. Mat. < 0.003% Al < 0.0005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002%	Cr < 0.000002% Cu < 0.000002% Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001%	Zn < 0.00001% Cl ⁻ < 0.0002% PO ₄ < 0.001% SO ₄ < 0.0005% Subst. red. KMnO ₄ < 0.01% Res. on evap. < 0.003% Heavy metals (Pb) < 0.00002%	ACAN-00A-1K0 1 L	



PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label



GRADES, FAMILIES and PACKAGING information on p. 352

ACETONE

MW: 58.08 CAS: 67-64-1 EC: 200-662-2 EC INDEX: 606-001-00-8 TARIC code: 29141100 Restriction: Drugs precursor Cat. 3 + Explosives

IMDG: 3 II UN 1090 ADR: 3 II UN 1090 (D/E) IATA: 3 II UN 1090



ACETONE 99.6% GLR			BASICHEM	reference	packaging	price
App. Clear liquid Colour (Hazen) < 10 H ₂ O < 0.3% Acid. (Acetic acid) < 0.002%	Assay > 99.6% Benzene < 0.0005% Mesityl Oxide < 0.005% Cumene < 0.005%	Diacetone alcohol < 0.015% Density at 15°C 0.796 - 0.798g/ml Boiling range 55.8 - 56.6°C Non-Vol. Mat. < 0.0015%		ACET-POP-1K0	1 L	
				ACET-GOP-1K0	1 L	
				ACET-POP-5K0	5 L	
				ACET-POP-10K	10 L	
				ACET-MOP-25K	25 L	
ACETONE 99.5% AGR ACS, ISO, PH. EUR.			BASICHEM	reference	packaging	price
Assay > 99.5% Free Acid < 0.002% Free Alkalinity < 0.001% Water < 0.2% EtOH < 0.01% Formaldehyde < 0.0002%	Subst. red. KMnO ₄ < 0.00025% Methanol < 0.01% Res. on evap. < 0.001% Ni < 0.000005% Fe < 0.00001% Cu < 0.000001%	Mn < 0.000001% Co < 0.000005% Mg < 0.00001% Pb < 0.000001% Zn < 0.000001%		ACET-OIA-1K0	1 L	
				ACET-OIA-2K5	2,5 L	
				ACET-OIA-P04	4x2,5 L	
				ACET-OIA-5K0	5 L	
ACETONE HPLC GGR			INSTRUKEM	reference	packaging	price
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (330 nm) < 1.00 UV-Abs. max. lim. (340 nm) < 0.06 UV-Abs. max. lim. (350 nm) < 0.01 UV Cutoff < 330nm	Assay > 99.7% Colour (Hazen) < 10 Water (KF) < 0.25% Res. on evap. < 0.0001% Titr. acid < 0.0003mEq/g Titr. base < 0.0006mEq/g	Solub. in H ₂ O passes test Subst. red. KMnO ₄ passes test Aldehydes < 0.002% Methanol < 0.05% 2-Propanol < 0.05%		ACET-0GH-2K5	2,5 L	
				ACET-0GH-P04	4x2,5 L	
ACETONE PESTICIDE GRADE PGR			INSTRUKEM	reference	packaging	price
Assay > 99.5% Water (KF) < 0.5%	Colour (Hazen) < 10 Non-Vol. Mat. < 0.0005%			ACET-0GC-2K5	2,5 L	
				ACET-0GC-P04	4x2,5 L	

ACETONITRILE

MW: 41.05 CAS: 75-05-8 EC: 200-835-2 EC INDEX: 608-001-00-3

IMDG: 3 II UN 1648 ADR: 3 II UN 1648 (D/E) IATA: 3 II UN 1648



ACETONITRILE GC/HPLC GGR			INSTRUKEM	reference	packaging	price
UV-Abs. max. lim. (195 nm) < 0.15 UV-Abs. max. lim. (200 nm) < 0.05 UV-Abs. max. lim. (205 nm) < 0.04 UV-Abs. max. lim. (210 nm) < 0.02 UV-abs. max. lim. (220 nm) < 0.01	UV-Abs. max. lim. (254 nm) < 0.009 UV Cutoff < 190nm Grad. Elut. test passes test Assay > 99.9% Colour (Hazen) < 10	H ₂ O (by KF) < 0.01% Res. on evap. < 0.0001% Titr. acid < 0.0008mEq/g Titr. base < 0.0006mEq/g		ACTN-0GH-2K5	2,5 L	
				ACTN-0GH-P04	4x2,5 L	
				ACTN-0GH-4K0	4 L	
				ACTN-0GH-PG4	4x4 L	



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ACETONITRILE LC/MS LGR	INSTRUKEM	reference	packaging	price
LC Grad. Suit. Passes test Assay > 99.9% Colour (Hazen) < 10 Water (KF) < 0.01% Res. on evap. < 0.0001% Titr. acid < 0.008% Titr. base < 0.0006% UV-Abs. max. lim. (195 nm) < 0.15 UV-Abs. max. lim. (200 nm) < 0.05 UV-Abs. max. lim. (205 nm) < 0.04 UV-Abs. max. lim. (210 nm) < 0.02	UV-abs. max. lim. (220 nm) < 0.01 UV-Abs. max. lim. (254 nm) < 0.005 UV Cutoff < 190nm Grad. elut. H. Peak (254 nm) < 0.5mAU Grad. elut. H. Peak (210 nm) < 2mAU Al < 0.0000025% Ba < 0.000005% Cd < 0.000005% Ca < 0.0000025% Cr < 0.000005% Co < 0.000005%	Cu < 0.000005% Fe < 0.000005% Pb < 0.000005% Mg < 0.0000025% Mn < 0.000005% Ni < 0.000005% K < 0.0000025% Ag < 0.000005% Na < 0.000005% Sn < 0.000005% Zn < 0.000005%	ACTN-LCM-2K5 	2,5 L
			ACTN-LCM-P04 	4x2,5 L

AGAR BASES FOR MICROBIOLOGICAL CULTURE *SEE P. 45***AGARS FOR MICROBIOLOGICAL CULTURE** *SEE P. 45***AGAROSE** *SEE P. 32***ALUMINIUM NITRATE NONAHYDRATE**

MW: 375.13 CAS: 7784-27-2 EC: 236-751-8

IMDG: 5.1 III UN 1438 ADR: 5.1 III UN 1438 (E) IATA: 5.1 III UN 1438

Al(NO₃)₃·9H₂O

ALUMINIUM NITRATE NONAHYDRATE AGR	BASICHEM	reference	packaging	price
Assay 98.5 - 101% Insol. matter < 0.01% pH (5%, 20°C) 2.5 - 3.5	Cl ⁻ < 0.001% Ca + K + Na < 0.03% Fe < 0.004%	Heavy metals (Pb) < 0.0005% SO ₄ < 0.005%	ALNA-09A-500 	500 g

ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE

MW: 474.39 CAS: 7784-24-9 EC: 233-141-3

AlK_{0.5}S₂·12H₂O

ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE EPR PH.EUR.	BASICHEM	reference	packaging	price
Assay 99 - 100.5% App. Conforms Identif. A and B and C Conforms	App. of sol. Clear and colourness pH (1/10) 3 - 5 NH ₄ < 0.2%	Fe < 0.01% Heavy metals (Pb) < 0.002%	ALPS-12P-500 	500 g
			ALPS-12P-1K0 	1 kg
ALUMINIUM POTASSIUM SULFATE DODECAHYDRATE AGR	BASICHEM	reference	packaging	price
App. Colourless crystals or white powder Assay > 99.5% Insol. matter < 0.005%	pH (5%, 20°C) 3.0 - 3.5 Cl ⁻ < 0.0005% NH ₄ < 0.005% As < 0.00005%	Cd < 0.0003% Cu < 0.0003% Fe < 0.001% Na < 0.02% Pb < 0.0004%	ALPS-12A-500 	500 g

ALUMINIUM POWDER

MW: 26.98 CAS: 7429-90-5 EC: 231-072-3

IMDG: 4.3 II UN 1396 ADR: 4.3 II UN 1396 IATA: 4.3 II UN 1396

Al

ALUMINIUM POWDER GLR	BASICHEM	reference	packaging	price
Assay > 98.0% Si < 0.1% N Comp. (N) < 0.001%	Insol. in dil. HCl < 0.005% Ti < 0.03% Fe < 0.5%	Cu < 0.02% Mn < 0.02%	ALPW-00P-250 	250 g



ALUMINIUM SHEET

MW: 26.98 CAS: 7429-90-5 EC: 231-072-3

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Al



ALUMINIUM SHEET 100 X 30 X 1 MM GLR	BASICEM	reference	packaging	price
Approx. dim. 100 x 30 x 1 mm		ALST-L01-010	10 un.	

ALUMINIUM SULFATE 18-HYDRATE

MW: 666.42 CAS: 7784-31-8 EC: 233-135-0

Al₂(SO₄)₃·18H₂O

ALUMINIUM SULFATE 18-HYDRATE AGR ACS, BP	BASICEM	reference	packaging	price
Assay 98 - 102% Insol. matter < 0.01% Reaction (pH) > 2.5 Subst. not pptd. by NH ₄ < 0.2%	Cl < 0.001% NH ₄ < 0.002% Fe < 0.002% Heavy metals (Pb) < 0.001%	Ca < 0.01% Na < 0.02% K < 0.005%	ALSU-18A-500 500 g	

4-AMINOPHENOL

MW: 109.13 CAS: 123-30-8 EC: 204-616-2 EC INDEX: 612-128-00-X

IMDG: 6.1 III UN 2512 ADR: 6.1 III UN 2512 (E) IATA: 6.1 III UN 2512

H₂NC₆H₄OH

4-AMINOPHENOL GLR	BASICEM	reference	packaging	price
Assay > 98% Melt. range 185 - 189°C	Appearance/colour White to cream to beige to light brown crystals or - granules or powder	AMPH-00P-250	250 g	

AMMONIA SOLUTION

MW: 17.03 CAS: 1336-21-6 EC: 215-647-6 EC INDEX: 007-001-01-2

IMDG: 8 III UN 2672 ADR: 8 III UN 2672 (E) IATA: 8 III UN 2672

NH₃


AMMONIA SOLUTION 20% AGR	BASICEM	reference	packaging	price
Assay 19.5 - 20.5 CO ₂ < 0.002% Ca + Mg < 0.0008% PO ₄ < 0.0001%	Cl < 0.0001% Subst. red. KMnO ₄ < 0.0002% S < 0.0003% Fe < 0.000025%	Heavy metals (Pb) < 0.00005% Non-Vol. Mat. < 0.003%	AMMO-20A-1K0 1 L	
AMMONIA SOLUTION 25% EPR	BASICEM	reference	packaging	price
Assay 24 - 28% CO ₂ < 0.003% Ca+Mg (Ca) < 0.0004% Cl < 0.0002%	S < 0.001% PO ₄ < 0.0005% Subst. red. KMnO ₄ < 0.0008% Fe < 0.0001%	Non-Vol. Mat. < 0.005% Heavy metals (Pb) < 0.0002%	AMMO-25P-1K0 1 L	
			AMMO-25P-5K0 5 L	
AMMONIA SOLUTION 25% AGR	BASICEM	reference	packaging	price
Assay 24 - 28% Carbonates (CO ₂) < 0.002% Ca + Mg < 0.0002% Subst. red. KMnO ₄ < 0.0008%	Cl < 0.0001% PO ₄ < 0.0001% S < 0.0003% Res. on evap. < 0.003%	Fe < 0.000025% Heavy metals (Pb) < 0.00005%	AMMO-25A-1K0 1 L	
			AMMO-25A-2K5 2,5 L	



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AMMONIA SOLUTION 25% AGR ISO, P.H.EUR.			BASICHEM	reference	packaging	price
Assay > 25%	Fe < 0.00001%	Sr < 0.0001%		AMMO-25I-1K0		1 L
Au < 0.00001%	Ca < 0.0001%	Ca < 0.0001%				
Ga < 0.000002%	Cr < 0.000005%	Pt < 0.00001%				
Cl ⁻ < 0.00005%	Cu < 0.00001%	Ti < 0.00001%				
PO ₄ < 0.00005%	Mn < 0.00001%	Ag < 0.000002%				
S < 0.0002%	Co < 0.00001%	Tl < 0.000005%				
Bi < 0.00001%	Li < 0.000002%	Sn < 0.00001%				
Ni < 0.000005%	Mg < 0.00005%	CO ₃ < 0.001%				
SO ₄ < 0.0002%	Na < 0.0001%	Zn < 0.00001%				
Res. on evap. < 0.002%	K < 0.0001%	Subst. red. KMnO ₄ < 0.0005%				
In < 0.000002%	Mo < 0.00001%					
Ba < 0.00001%	Pb < 0.000005%					

AMMONIUM ACETATE

MW: 77.08 CAS: 631-61-8 EC: 211-162-9




AMMONIUM ACETATE EPR			BASICHEM	reference	packaging	price
Assay > 96.5%	Cl ⁻ < 0.001%			AMAC-00P-1K0		1 kg
pH (5%) 6.7 - 7.3	Fe < 0.001%					



AMMONIUM ACETATE AGR ACS			 BASICHEM	reference	packaging	price
Assay > 98%	Cl ⁻ < 0.0005%	Heavy metals (Pb) < 0.0005%		AMAC-00A-500		500 g
Insol. matter < 0.005%	NO ₃ < 0.001%	Ash < 0.01%				
pH (5%, 25°C) 6.7 - 7.3	SO ₄ < 0.001%	Subst. red. KMnO ₄ < 0.005%				
PO ₄ < 0.0005%	Fe < 0.0005%	H ₂ O < 2.0%				

AMMONIUM CHLORIDE

MW: 53.49 CAS: 12125-02-9 EC: 235-186-4 EC INDEX: 017-014-00-8



AMMONIUM CHLORIDE EPR			BASICHEM	reference	packaging	price
App. White crystals or powder	Ash (SO ₃) < 0.05%	Organic subst. passes test		AMCH-00P-1K0		1 kg
Assay (dried subst.) > 99.0%	SO ₃ < 0.01%	Ca < 0.004%				
Insol. matter < 0.02%	PO ₄ < 0.002%	Fe (III) < 0.001%				
pH (5%) 4.5 - 6.0	Heavy metals (Pb) < 0.002%	Mg < 0.0025%				

AMMONIUM CHLORIDE AGR			BASICHEM	reference	packaging	price
App. White crystals or powder	NO ₃ < 0.0006%	Br and I ⁻ < 0.001%	As < 0.00005%	AMCH-00A-500		500 g
Assay > 99.5%	SO ₃ < 0.002%	SCN < 0.005%	Ca < 0.001%			
Insol. matter < 0.005%	PO ₄ < 0.001%	Heavy met. (Pb) < 0.0005%	Fe (III) < 0.0005%	AMCH-00A-1K0		1 kg
Ash (SO ₃) < 0.05%	ClO ₃ < 0.0005%	Organic subst. Passes test	Mg < 0.001%			

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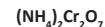


GRADES, FAMILIES and PACKAGING information on p. 352

AMMONIUM DICHROMATE WATERED

MW: 252.07 CAS: 7789-09-5 EC: 232-143-1 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 5.1 II UN 1439 ADR: 5.1 II UN 1439 (E) IATA: 5.1 II UN 1439



AMMONIUM DICHROMATE WATERED (0.5-3% H ₂ O) AGR	BASICEM	reference	packaging	price	
Assay > 99% insol. in water < 0.005% pH (5%, 20°C) 3.0 - 4.0	Cl ⁻ < 0.005% SO ₄ ²⁻ < 0.01% Ca < 0.005%	Cu < 0.005% Fe < 0.002% K < 0.05%	Mg < 0.002% Na < 0.005% Pb < 0.005%	AMDC-W0A-500 	500 g

AMMONIUM HEPTAMOLYBDATE TETRAHYDRATE

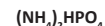
MW: 1235.86 CAS: 12054-85-2 EC: 234-722-4



AMMONIUM HEPTAMOLYBDATE TETRAHYDRATE AGR ISO	BASICEM	reference	packaging	price
Assay > 99% App. Colourless or slightly green crystals Insol. matter < 0.01% Odour ammoniacal Cl ⁻ < 0.001% PO ₄ SiO ₂ (PO ₄) < 0.001%	NO ₃ ⁻ < 0.002% SO ₄ ²⁻ < 0.005% Fe < 0.001% Cu < 0.001% Pb < 0.001%	AMHM-04A-250		250 g

DI-AMMONIUM HYDROGEN PHOSPHATE

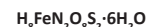
MW: 132.05 CAS: 7783-28-0 EC: 231-987-8



DI-AMMONIUM HYDROGEN PHOSPHATE AGR	BASICEM	reference	packaging	price
Assay > 99% Cl ⁻ < 0.005%	SO ₄ ²⁻ < 0.01% Fe (III) < 0.002%	Heavy metals (Pb) < 0.002% pH (5%, 20°C) 4 - 5	AMPB-00A-1K0 	1 kg

AMMONIUM IRON (II) SULFATE HEXAHYDRATE

MW: 392.14 CAS: 7783-85-9 EC: 233-151-8



AMMONIUM IRON (II) SULFATE HEXAHYDRATE EPR	BASICEM	reference	packaging	price
Assay 98 - 101% Insol. matter < 0.01%	PO ₄ ³⁻ < 0.005% Cl ⁻ < 0.005%	AMIS-06P-1K0		1 kg
AMMONIUM IRON (II) SULFATE HEXAHYDRATE AGR ACS, USP, NF	BASICEM	reference	packaging	price
App. Greenish blue crystals / crystalline powder Assay 99.0 - 101.5% Insol. matter < 0.01% PO ₄ ³⁻ < 0.003%	Ca < 0.005% Cu < 0.003% Fe (III) < 0.01% Mn < 0.01% Mg < 0.002%	K < 0.002% Na < 0.02% Subst. not pptd. by NH ₃ < 0.05% Zn < 0.003%	AMIS-06A-500 	500 g

AMMONIUM IRON (III) SULFATE DODECAHYDRATE

MW: 482.19 CAS: 7783-83-7 EC: 233-382-4



AMMONIUM IRON (III) SULFATE DODECAHYDRATE AGR ACS, USP, NF	BASICEM	reference	packaging	price
Assay 98.50 - 102.00% App. Pale violet crystals Insol. matter < 0.01% Cl ⁻ < 0.001% Ferrous ion Passes test	NO ₃ ⁻ < 0.01% Ca < 0.01% Mg < 0.005% K < 0.005% Na < 0.02%	Cu < 0.003% Zn < 0.003% Subs. not pptd. by ammonia < 0.05%	AMIS-12A-500 	500 g



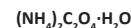
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DI-AMMONIUM OXALATE HYDRATE

MW: 142.11 CAS: 6009-70-7 EC: 214-202-3



DI-AMMONIUM OXALATE HYDRATE AGR ACS	BASICEM	reference	packaging	price
Assay 99 - 101% Insol. matter < 0.005% Res. on ignition < 0.02%	Cl ⁻ < 0.002% Fe < 0.0002% Pb < 0.0005%	SO ₄ < 0.002%	AMOX-01A-500 	500 g

AMMONIUM PERSULFATE

MW: 228.19 CAS: 7727-54-0 EC: 231-786-5 EC INDEX: 016-060-00-6

IMDG: 5.1 III UN 1444 ADR: 5.1 III UN 1444 (E) IATA: 5.1 III UN 1444



AMMONIUM PERSULFATE AGR ACS	BASICEM	reference	packaging	price
Assay > 98.0% Insol. matter < 0.005% Free Acid < 0.044meq/g	Cl ⁻ and ClO ₃ ⁻ < 0.001% Ash (SO ₄) < 0.05% Fe < 0.001%	Heavy metals (Pb) < 0.005% Mn < 0.00005%	AMPS-00A-500 	500 g

AMMONIUM SULFATE

MW: 132.14 CAS: 7783-20-2 EC: 231-984-1 EC INDEX: 016-060-00-6



AMMONIUM SULFATE EPR		BASICEM	reference	packaging	price
Assay > 99% Total N > 21% Loss on ign. < 0.25% Cl ⁻ < 0.001%	Se < 0.003% Fe < 0.005% Pb < 0.0003%		AMSU-00P-500 AMSU-00P-1K0 AMSU-00P-5K0	 	500 g 1 kg 5 kg
AMMONIUM SULFATE AGR ACS	BASICEM	reference	packaging	price	
Assay > 99.0% Insol. matter < 0.005%	Res. on ignition < 0.005% Reaction (pH) 5.0 - 6.0 Cl ⁻ < 0.0005% NO ₃ ⁻ < 0.001%	PO ₄ ⁻ < 0.0005% Fe < 0.0005%	AMSU-00A-500 	500 g	

AMMONIUM THIOCYANATE

MW: 76.12 CAS: 1762-95-4 EC: 217-175-6 EC INDEX: 615-004-00-3



AMMONIUM THIOCYANATE AGR ACS	BASICEM	reference	packaging	price
Assay > 98.5% App. White/Crystal. Powder	pH (5%) 4.5 - 6 Insol. matter < 0.025% Cl ⁻ < 0.005% Fe < 0.0003%	Pb < 0.0005% SO ₄ < 0.005%	AMTH-00A-500 	500 g

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GRADES, FAMILIES and PACKAGING information on p. 352

ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL)

MW: 88.15 CAS: 123-51-3 EC: 250-378-8 EC INDEX: 603-006-00-7

IMDG: 3 III UN 1105 ADR: 3 III UN 1105 (D/E) IATA: 3 III UN 1105



ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL) EPR	BASICHEM	reference	packaging	price
Assay > 99% H ₂ O < 0.3% Free acids < 0.01%	Furfural < 0.003% H ₂ SO ₄ Test Passes test Density at 20°C 0.81 - 0.815g/ml	Res. on evap. < 0.005%	AMYL-00P-1K0 	
ISO-AMYL ALCOHOL (3-METHYL-1-BUTANOL) AGR SEGÚN GERBER	BASICHEM	reference	packaging	price
Assay > 99% H ₂ O < 0.2% Free acids < 0.01%	Furfural < 0.0001% H ₂ SO ₄ Test Passes test Density at 20°C 0.81 - 0.815g/ml	Res. on evap. < 0.003%	AMYL-00A-1K0 	

L(+)-ASCORBIC ACID

MW: 176.13 CAS: 50-81-7 EC: 200-066-2

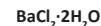


L(+)-ASCORBIC ACID EPR PH.EUR.	BASICHEM	reference	packaging	price
Assay > 99.00% App. White cryst. powder Ash (SO ₃) < 0.1%	Loss on dry. < 0.4% Spec. Opt. Rot. 20.5 - 21.5° As < 0.0003%	Pb < 0.0002% Hg < 0.0001% Heavy met. < 0.001%	ASAC-L0P-250 	
			ASAC-L0P-500 	

BACTERIOLOGICAL PEPTONE SEE P. 45**BARIUM CHLORIDE DIHYDRATE**

MW: 244.28 CAS: 10326-27-9 EC: 233-788-1 EC INDEX: 056-004-00-8

IMDG: 6.1 III UN 1564 ADR: 6.1 III UN 1564 (E) IATA: 6.1 III UN 1564

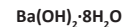


BARIUM CHLORIDE DIHYDRATE EPR	BASICHEM	reference	packaging	price
Assay > 99% Subst. not pptd. by dil. H ₂ SO ₄ < 0.1%	Fe < 0.001% Heavy metals (Pb) < 0.001%		BACL-02T-500 	
			BACL-02T-5K0 	
BARIUM CHLORIDE DIHYDRATE AGR ACS	BASICHEM	reference	packaging	price
Assay 99 - 100.5% App. Crystal powder Insol. matter < 0.005%	Reaction (pH) 5 - 8 Fe < 0.0002% Ca < 0.01%	Cu < 0.0005% Pb < 0.0005% Sr < 0.05%	BACL-02A-500 	

BARIUM HYDROXYDE OCTAHYDRATE

MW: 315.48 CAS: 12230-71-6 EC: 241-234-5

IMDG: 8 (6.1) II UN 2923 ADR: 8 (6.1) II UN 2923 (E) IATA: 8 (6.1) II UN 2923



BARIUM HYDROXYDE OCTAHYDRATE AGR	BASICHEM	reference	packaging	price
App. Colourless or white crystals Assay > 97.0% Insol. in dil. HCl < 0.005%	Cl ⁻ < 0.002% S ⁻ < 0.0005% CO ₃ (BaCO ₃) < 2.0%	Heavy metals (Pb) < 0.0005% Alk. metals/Earth met. < 0.05% Fe < 0.0005%	BAHY-08A-500 	



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REQUIRES REFRIGERATED TRANSPORTATION

BARIUM NITRATE

MW: 261.35 CAS: 10022-31-8 EC: 233-020-5 EC INDEX: 057-002-007

IMDG: 5.1 (6.1) II UN 1446 ADR: 5.1 (6.1) II UN 1446 (E) IATA: 5.1 (6.1) II UN 1446



BARIUM NITRATE AGR ACS	BASICKEM	reference	packaging	price	
Assay > 99% Fe < 0.0002% Heavy metals (Pb) < 0.0005%	Cl ⁻ < 0.0005% Ca < 0.05% Na < 0.005%	K < 0.005% Sr < 0.1%	BANA-00A-500 	500 g	

BENEDICT REAGENT

CAS: 63126-89-6

IMDG: 9 III UN 3082 ADR: 9 III UN 3082 IATA: 9 III UN 3082



BENEDICT REAGENT QUALITATIVE AGR	BASICKEM	reference	packaging	price	
For detect. of sugar in urine App. Blue Solution	This product was manufactured in accordance with procedure SR-50.	BENR-QLA-500		500 ml	

BENZALDEHYDE

MW: 106,12 CAS: 100-52-7 EC: 202-860-4 EC INDEX: 605-012-00-5

IMDG: 9 III UN 1990 ADR: 9 III UN 1990 (E) IATA: 9 III UN 1990



BENZALDEHYDE AGR	BASICKEM	reference	packaging	price	
App. Pale yellow coloured liquid with characteristic odour Assay 98.5 - 100.5% Density at 20°C 1.05 approx.g/ml	Acidity (C_6H_5COOH) < 1.0% Chlorine < 0.2%	BNZL-00A-500		500 ml	

BENZOIC ACID

MW: 122.12 CAS: 65-85-0 EC: 200-618-2



BENZOIC ACID AGR	BASICKEM	reference	packaging	price	
Assay > 99.5% Melt. range 121 - 122°C Subs. dark. by H_2SO_4 Passes test	Cl ⁻ < 0.005% Subst. red. $KMnO_4$ < 0.008% Ash (SO_2) < 0.01%	Fe < 0.0004% SO_2 < 0.003% Heavy metals (Pb) < 0.0005%	BNZA-00A-500 	500 g	

BENZYL ALCOHOL

MW: 108,14 CAS: 100-51-6 EC: 202-859-9 EC INDEX: 603-057-00-5



BENZYL ALCOHOL EPR	BASICKEM	reference	packaging	price	
App. Colourless clear liquid Assay > 99% Density at 20°C 1.043 - 1.050g/ml Colour (Hazen) < 20 Refractive index 1.537 - 1.543 Free ac. (Benz. ac.) < 0.02% Non-Vol. Mat. < 0.05% Ash (SO_2) < 0.1% Water < 0.2% Perox. num. < 5		BNZY-00P-1K0		1 L	




BIURET REAGENT

TARIC code: 38220000

IMDG: 8 III UN 3266 ADR: 8 III UN 3266 (E) IATA: 8 III UN 3266






BIURET REAGENT AGR	BASICHEM	reference	packaging	price
For peptides detect. in urine App. Blue Solution	This product was manufactured in accordance with procedure SR-70	BIUR-00A-500	 500 ml	

BORIC ACID

MW: 61.84 CAS: 10043-35-3 EC: 233-139-2 EC INDEX: 005-007-00-2





BORIC ACID EPR	BASICHEM	reference	packaging	price
App. white/crystalline or Colourless powder Assay > 99.0% Insol. matter < 0.02% Insol. (EtOH) Passes test Non-Volat. (MeOH) < 0.2%	Solub. in EtOH Passes test Cl ⁻ < 0.002% PO ₄ ⁻ < 0.003% SO ₄ ⁻ < 0.01% Heavy met. < 0.002%	As < 0.0002% Ca < 0.01% Fe < 0.0001%	BORA-00P-1K0  1 kg	
BORIC ACID AGR	BASICHEM	reference	packaging	price
App. Colourless crystals or white powder Assay > 99.5% Insol. matter < 0.01% Insol. (MeOH) Passes test	Non-Volat. (MeOH) < 0.05% Cl ⁻ < 0.0003% PO ₄ ⁻ < 0.001% SO ₄ ⁻ < 0.005%	Heavy metals (Pb) < 0.001% As < 0.0001% Ca < 0.005% Fe < 0.0001%	BORA-00A-500  500 g	
		BORA-00A-1K0  1 kg		

BORIC ACID, SOLUTION

MW: 61.84 CAS: 10043-35-3 EC: 233-139-2 EC INDEX: 005-007-00-2



BORIC ACID, SOLUTION 4% AGR	BASICHEM	reference	packaging	price
App. Colourless clear liquid	Concentration 3.9 - 4.1%	Density at 20°C 1.014g/cm ³	BORA-40A-5K0  5 L	
BORIC ACID, SOLUTION 4% AGR WITH MIXED INDICATOR	BASICHEM	reference	packaging	price
Comp. 40g H ₃ BO ₃ Ind. / L H ₂ O	pH 4.8 - 5	Colour Green	BORA-4IA-5K0  5 L	

BROMOCRESOL GREEN *SEE P. 414***BROMOCRESOL PURPLE** *SEE P. 414***BROMOPHENOL BLUE** *SEE P. 414***BROMOTHYMOL BLUE** *SEE P. 415***BROTH BASES FOR MICROBIOLOGICAL CULTURE** *SEE P. 47***BROTHS FOR MICROBIOLOGICAL CULTURE AND MOLECULAR BIOLOGY** *SEE P. 45***BROTHS FOR MOLECULAR BIOLOGY** *SEE P. 33***BUFFERED PEPTONE WATER** *SEE P. 46*

MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

1-BUTANOL

MW: 74.12 CAS: 71-36-3 EC: 200-751-6 EC INDEX: 603-004-00-6

IMDG: 3 III UN 1120 ADR: 3 III UN 1120 (D/E) IATA: 3 III UN 1120



1-BUTANOL 99,5% AGR			BASICHEM	reference	packaging	price
Assay > 99% H ₂ O < 0.1%	Res. on evap. < 0.003% Acid. (Acetic acid) < 0.0005%	Aldehydes and ket. < 0.03%		BUTL-10A-1K0	1 L	
				BUTL-10A-2K5	2,5 L	
1-BUTANOL HPLC GGR			INSTRUKEM	reference	packaging	price
Assay > 99.8% Water (KF) < 0.03% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 230 nm > 65% UV-Tr. (1cm;Wat.) 240 nm > 80% UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 260 nm > 95%	UV-Tr. (1cm;Wat.) 310 nm > 99% Fluorescence (as quinine): F (quin.) 254 nm < 0.0000002% F (quin.) 365 nm < 0.0000002%		BUTL-1GH-2K5	2,5 L	

N-BUTYL ACETATE

MW: 116.16 CAS: 123-86-4 EC: 204-658-1 EC INDEX: 603-005-00-1

IMDG: 3 III UN 1123 ADR: 3 III UN 1123 (D/E) IATA: 3 III UN 1123



N-BUTYL ACETATE 99% EPR			BASICHEM	reference	packaging	price
Assay > 98% H ₂ O < 0.2%	boiling p. 123 - 128°C Density at 20°C approx. 0.881g/ml	Refr. Ind. (n _{20°C/D}) 1,394 Flash point 22°C		BUTY-NOT-1K0	1 L	
				BUTY-NOT-2K5	2,5 L	

CALCIUM CARBONATE

MW: 100.09 CAS: 471-34-1 EC: 207-439-9



CALCIUM CARBONATE AGR REAG.PH.EUR.				BASICHEM	reference	packaging	price
Ident. (A+B) Complies Assay 98.5 - 100.5% Acid Insol. Mat. < 0.2%	SO ₄ < 0.25% Ba Passes test Mg and Alk. salts < 1.5%	Loss on dry. < 2% Mg and alkali metals < 1.5% Cl ⁻ < 0.033%	As < 0.0004% Fe < 0.02% Heavy metals (Pb) < 0.002%		CACB-00A-500	500 g	
					CACB-00A-1K0	1 kg	



CALCIUM CHLORIDE DIHYDRATE

MW: 147.02 CAS: 10035-04-8 EC: 233-140-8 EC INDEX: 017-013-00-2



CALCIUM CHLORIDE DIHYDRATE EPR				BASICHEM	reference	packaging	price
App. Colourless crystals Assay 99 - 103% pH (5%, 20°C) 4.5 - 8.5	SO ₄ < 0.005% F < 0.004% Al < 0.0001%	As < 0.0002% Cu < 0.0025% Fe < 0.001%	Pb < 0.0005% Zn < 0.0025%		CACH-02P-1K0	1 kg	
CALCIUM CHLORIDE DIHYDRATE AGR				BASICHEM	reference	packaging	price
App. Colourless cryst. Assay > 99.5%	pH (5%) 4.5 - 8 SO ₄ < 0.005%	Al < 0.0001% As < 0.003%	Fe < 0.005% Pb < 0.0005%		CACH-02A-500	500 g	

CALCIUM HYDROXYDE

MW: 74.09 CAS: 1305-62-0 EC: 215-137-3

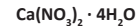


CALCIUM HYDROXYDE AGR ACS				BASICHEM	reference	packaging	price
Assay > 96% CaCO ₃ < 3% Insol. matter < 0.03% Cu < 0.0005%	Fe < 0.05% Pb < 0.0002% Cl < 0.005% SO ₄ < 0.05%	Sr < 0.05% Zn < 0.0005% Heavy metals (Pb) < 0.003% Insol. in HCl < 0.03%	Mg < 0.5% K < 0.05% Na < 0.05%		CAHY-90A-500	500 g	

CALCIUM NITRATE TETRAHYDRATE

MW: 236.15 CAS: 13477-34-4 EC: 233-332-1

IMDG: 5.1 III UN 1454 ADR: 5.1 III UN 1454 (E) IATA: 5.1 III UN 1454



CALCIUM NITRATE TETRAHYDRATE AGR ACS				BASICHEM	reference	packaging	price
Assay 99.0 - 103.0% Insol. matter < 0.005% pH (5%, 25°C) 5.0 - 7.0 Cl < 0.005% Ba < 0.005%	Fe < 0.002% Heavy metals (Pb) < 0.0005% SO ₄ < 0.002% Mg < 0.05% Na < 0.01%		K < 0.005% NO ₂ < 0.001% Sr < 0.05%		CANA-04A-500	500 g	
					CANA-04A-1K0	1 kg	

CALCIUM SULFATE DIHYDRATE

MW: 172.17 CAS: 10101-41-4 EC: 231-900-3



CALCIUM SULFATE DIHYDRATE AGR ACS				BASICHEM	reference	packaging	price
Assay 99.0 - 102.0% Insoluble in HCl < 0.01% CO ₂ passes test NO ₃ passes test	Free alk. (Ca(OH) ₂) < 0.01% Free acid. (H ₂ SO ₄) < 0.01% Cl < 0.005% Total N < 0.001%	Fe < 0.001% Heavy metals (Pb) < 0.002% K < 0.005% Mg < 0.01%	Na < 0.2% Sr < 0.05%		CASU-02A-500	500 g	

CHARCOAL ACTIVATED

MW: 12.01 CAS: 7440-44-0 EC: 231-153-3

C

CHARCOAL ACTIVATED, GRANULATED 1-4 MM CHEM WD-EXTRA/W AUX				BASICHEM	reference	packaging	price
Bulk density 454kg/m ³ Mech. Strength 95.9% Attrition 0.2%	Assay moisture 2.1% Methylene number 25ml Iodine number 998mg/g		Water absorption 0.88ml/g pH (H ₂ O extract) 10.4 Granulation Passes test		CHAR-GWA-1K0	1 kg	
CHARCOAL ACTIVATED, POWDER AUX				BASICHEM	reference	packaging	price
Subs. sol. in HCl < 1.0% Loss on dry. (110 °C) < 10.0%	Ca < 0.02% Cu < 0.001%		Fe < 0.02% Melasses number < 380		CHAR-PWA-500	500 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

CHLOROFORM

MW: 119.38 CAS: 67-66-3 EC: 200-663-8 EC INDEX: 602-006-00-4 TARIC code: 29031300 Restriction: Export restrictions

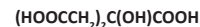
IMDG: 6.1 III UN 1888 ADR: 6.1 III UN 1888 (E) IATA: 6.1 III UN 1888



CHLOROFORM (STABILIZED WITH AMYLENE) EPR		BASICHEM	reference	packaging	price
App. colourless clear liquid Assay > 98% Density at 20°C 1,475 - 1,481g/cm ³ Stabilizer 0.0045 - 0.005% H ₂ O < 0.02% Res. on evap. < 0.002% Ionized Cl < 0.0001%	Ald. < 0.005% Free chlorine < 0.0001% Fosgen Passes test Metallic imp. Passes test Org. subs. Carb. with H ₂ SO ₄ Passes test Free Ac.andFos.(HCl) < 0.0001%		CHLF-SOT-1K0	1 L	
			CHLF-SOT-5K0	5 L	
			CHLF-SOT-20K	20 L	
CHLOROFORM (STABILIZED WITH AMYLENE) AGR		BASICHEM	reference	packaging	price
App. Colourless/clear liquid Assay > 98.5% Density at 20°C 1.475 - 1.481g/ml Stabilizer 0.0045 - 0.0055% H ₂ O < 0.015%	Res. on evap. < 0.0006% Ionized Cl < 0.00003% Ald. < 0.005% Free chlorine < 0.00005% Fosgen Passes test	Metallic imp. Passes test Org. subs. Carb. with H ₂ SO ₄ Passes test Free Ac.andFos.(HCl) < 0.0001%	CHLF-S0A-1K0	1 L	
			CHLF-S0A-2K5	2,5 L	

CITRIC ACID ANHYDROUS

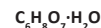
MW: 192.13 CAS: 77-92-9



CITRIC ACID ANHYDROUS AGR PH.EUR.		BASICHEM	reference	packaging	price
Assay (anhydrous substance) 99.7 - 100.3% Identification Conforms Appearance of solution Passes test Readily carbonisable substances Passes test Oxalic acid (H ₂ C ₂ O ₄) < 100mg/kg	Loss on drying < 0.5% Residue on calcination < 0.05% Sulfates (SO ₄) < 100mg/kg Residue on roasting (SO ₄) < 0.05% Arsenic (As) < 1mg/kg	Manufactured by fermentation of carbohydrates containing raw materials like glucose syrup from maize as well as molasses and sugar from sugar beet or sugar cane upon a NON-GMO agreement.	CITA-A0A-1K0	1 kg	
			CITA-A0A-5K0	5 kg	

CITRIC ACID MONOHYDRATE

MW: 210.14 CAS: 5949-29-1 EC: 201-069-1



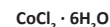
CITRIC ACID MONOHYDRATE EPR PH.EUR.		BASICHEM	reference	packaging	price
Identification Passes test Assay (Acidim, dried basis) 99.5 – 100.5% Appearance of solution Passes test Sulphated ash ≤ 0.05%	Oxalic acid (H ₂ C ₂ O ₄) ≤ 0.036% Arsenic (As) ≤ 0.0003% Sulfates (SO ₄) ≤ 0.015% Heavy metals (Pb) ≤ 0.001%	Subs.darkd.by hot H ₂ SO ₄ Passes test Water (H ₂ O) 7.5 – 9.0%	CITA-01P-1K0	1 kg	
			CITA-01P-5K0	5 kg	
CITRIC ACID MONOHYDRATE AGR		BASICHEM	reference	packaging	price
Assay 99.5 - 100.5% Res. on roast. < 0.03% Insol. matter < 0.005% React. ag. H ₂ SO ₄ Passes test	Cl ⁻ < 0.001% PO ₄ < 0.001% Fe < 0.0005% SO ₄ < 0.01%	Heavy metals (Pb) < 0.0005% Ca < 0.005%	CITA-01A-500	500 g	



COBALT (II) CHLORIDE HEXAHYDRATE

MW: 237.93 CAS: 7791-13-1 EC: 231-589-4 EC INDEX: 027-004-00-5

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



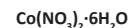
COBALT (II) CHLORIDE HEXAHYDRATE EPR	BASICHEM	reference	packaging	price	
Assay 98 - 102% App. purple crystals Insol. matter < 0.01%	Alk. metals/Earth met. < 0.2% Heavy metals (Cu) < 0.01% Ni < 0.25%	Fe < 0.005% SO ₄ < 0.01% Zn < 0.01%	COCH-06P-1K0 	1 kg	

COBALT (II) CHLORIDE HEXAHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% Heavy metals (Cu) < 0.005% Insol. matter < 0.005%	Ash (SO ₄) < 0.1% Ni < 0.15% N Comp. (N) < 0.005%	Fe < 0.02% SO ₄ < 0.005% Zn < 0.005%	COCH-06A-250 	250 g	

COBALT (II) NITRATE HEXAHYDRATE

MW: 291.04 CAS: 10026-22-9 EC: 233-402-1 EC INDEX: 027-009-00-2

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

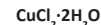


COBALT (II) NITRATE HEXAHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% Insol. matter < 0.005% Reaction (pH) > 2.5 Cl ⁻ < 0.005%	NH ₄ ⁺ < 0.05% Ni < 0.05% Fe < 0.001% SO ₄ < 0.005%	Ca < 0.005% Cu < 0.001% Mg < 0.005% Na < 0.05%	K < 0.01% Pb < 0.001% Zn < 0.005%	CONA-06A-250 	250 g

CONDUCTIVITY STANDARDS SEE P. 311**CONGO RED SEE P. 415****COPPER (II) CHLORIDE DIHYDRATE**

MW: 170.48 CAS: 10125-13-0 EC: 231-210-2

IMDG: 8 III UN 2802 ADR: 8 III UN 2802 (E) IATA: 8 III UN 2802

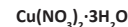


COPPER (II) CHLORIDE DIHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% pH (5% in dry CO ₂) 2.8 - 3.8 Iron (Fe) < 0.007% Nickel (Ni) < 0.005%	Nitrogen (N) compounds < 0.004% Calcium (Ca) < 0.002% Magnesium (Mg) < 0.002% Sulfates (SO ₄) < 0.005%	Arsenic (As) < 0.0001% Lead (Pb) < 0.004%	CUCH-02A-100 	100 g	

COPPER (II) NITRATE TRIHYDRATE

MW: 241.60 CAS: 10031-43-3 EC: 221-838-5

IMDG: 8 II UN 3260 ADR: 8 II UN 3260 IATA: 8 II UN 3260



COPPER (II) NITRATE TRIHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99.0% App. Blue crystals Insol. matter < 0.01%	Cl ⁻ < 0.005% Ca, K, Na < 0.15% Fe < 0.02%	SO ₄ < 0.01%	CUNA-03A-500 	500 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

COPPER SHEET

MW: 65.55 CAS: 7440-50-8 EC: 231-159-6

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Cu



COPPER SHEET 100 X 30 X 0,8 MM GLR	BASICHEM	reference	packaging	price
Approx. dim. 100 x 30 x 0.8 mm		CUSH-001-010	10 un.	

COPPER (II) SULFATE ANHYDRIDE

MW: 159,61 CAS: 7758-98-7 EC: 231-847-6 EC INDEX: 029-004-00-0

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

CuSO₄

COPPER (II) SULFATE ANHYDRIDE AGR	BASICHEM	reference	packaging	price
Assay > 99.0% Cl $< 0.005\%$ Fe $< 0.005\%$	Loss on dry. (250 °C) $< 1.0\%$ Subst. not pptd. by H ₂ S $< 0.2\%$ Insol. matter $< 0.01\%$	N Comp. (N) $< 0.002\%$ Pb $< 0.01\%$ Other metals (Ni) $< 0.01\%$	250 g	
		CUSU-A0A-250		

COPPER (II) SULFATE PENTAHYDRATE

MW: 249.68 CAS: 7758-99-8 EC: 231-847-6 EC INDEX: 029-004-00-0

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

CuSO₄·5H₂O

COPPER (II) SULFATE PENTAHYDRATE EPR	BASICHEM	reference	packaging	price
Assay 99.0 - 101.0% Cl $< 0.01\%$ Pb $< 0.005\%$ Loss on dry. (250 °C) 35.0 - 36.5%	K $< 0.01\%$ App. of sol. conforms Fe $< 0.003\%$ Ca $< 0.005\%$	Ni $< 0.005\%$ Na $< 0.02\%$	500 g	
		CUSU-05T-500		
		CUSU-05T-1K0	1 kg	

COPPER (II) SULFATE PENTAHYDRATE AGR ACS	BASICHEM	reference	packaging	price
Assay 98.0 - 102.0% Insol. matter $< 0.005\%$ Cl $< 0.001\%$	N Comp. (N) $< 0.002\%$ Ni $< 0.005\%$ Fe $< 0.003\%$	Ca $< 0.005\%$ Na $< 0.02\%$ K $< 0.01\%$	500 g	
		CUSU-05A-500		
		CUSU-05A-1K0	1 kg	

CRESOL RED SEE P. 415**CULTURE MEDIA FOR MICROBIOLOGY SEE P. 45****CYCLOHEXANE**

MW: 84,16 CAS: 110-82-7 EC: 203-806-2 EC INDEX: 601-017-00-1 TARIC code: 29021100 Restriction: Hydrocarbons

IMDG: 3 II UN 1145 ADR: 3 II UN 1145 (D/E) IATA: 3 II UN 1145

C₆H₁₂

CYCLOHEXANE GLR	BASICHEM	reference	packaging	price
Assay > 99.9% App. Clear colourless liquid Chlorine $< 0.0001\%$	S comp. $< 0.0001\%$ Benzene $< 0.01\%$ Arom. Comp. $< 0.015\%$	N Comp. (N) $< 0.0001\%$ Non-Vol. Mat. $< 0.002\%$	1 L	
		CYHX-POP-1K0		
		CYHX-POP-5K0	5 L	

CYCLOHEXANE HPLC GGR	INSTRUKEM	reference	packaging	price
Assay > 99.5% Water (KF) $> 0.01\%$ Acidity $> 0.0005\text{meq/g}$ Res. on evap. $> 0.0005\%$	UV-Tr. (1cm;Wat.) 210 nm $< 60\%$ UV-Tr. (1cm;Wat.) 220 nm $< 80\%$ UV-Tr. (1cm;Wat.) 230 nm $< 95\%$ UV-Tr. (1cm;Wat.) 240 nm $< 98\%$	UV-Tr. (1cm;Wat.) 250 nm $< 99\%$ F254 nm (Quinine) $> 0.0000001\%$ F365 nm (Quinine) $> 0.0000001\%$	2,5 L	
		CYHX-00H-2K5		
		CYHX-00H-P04	4x2,5 L	



PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label



GRADES, FAMILIES and PACKAGING information on p. 352

CYCLOHEXANONE

MW: 98,15 CAS: 108-94-1 EC: 203-631-1 EC INDEX: 606-010-00-7

IMDG: 3 III UN 1915 ADR: 3 III UN 1915 (D/E) IATA: 3 III UN 1915



CYCLOHEXANONE AGR	BASICHEM	reference	packaging	price	
App. Clear colourless liquid Assay > 99.5% Density at 20°C 0.945 - 0.947g/ml Refractive index 1.450 - 1.451	H ₂ O < 0.2% Acid. (Acetic acid) < 0.02% C ₆ H ₁₂ </sub < 0.001% Cyclohexanol < 0.2%	Cu < 0.00005% Fe < 0.0001% Pb < 0.00005% Non-Vol. Mat. < 0.02%	CYHN-00A-500 	500 ml	

DETERGENTS FOR LABORATORY USE SEE P. 345

DICHLOROMETHANE

MW: 84.93 CAS: 75-09-2 EC: 200-838-9 EC INDEX: 602-004-00-3

IMDG: 6.1 III UN 1593 ADR: 6.1 III UN 1593 (E) IATA: 6.1 III UN 1593



DICHLOROMETHANE (STABILIZED WITH AMYLENE) 99.9% GLR	BASICHEM	reference	packaging	price		
Assay > 99.95% Colour (Hazen) < 10 H ₂ O < 0.01%	Acidity (HCl) < 0.0005% Res. on evap. < 0.001% Amylene (Stab.) 0.0040 - 0.0060%	DCHM-POP-1K0	1 L			
		DCHM-GOP-1K0	1 L			
		DCHM-POP-5K0	5 L			
		DCHM-POP-10K	10 L			
		DCHM-MOP-25K	25 L			
DICHLOROMETHANE (STABILIZED WITH AMYLENE) AGR	BASICHEM	reference	packaging	price		
Assay > 99.5% Water (KF) < 0.02%	Free acid (HCl) < 0.001% Colour (Hazen) < 10	Free Halides Passes test Non-Vol. Mat. < 0.001%	DCHM-00A-1K0 	1 L		
DICHLOROMETHANE (STABILIZED WITH AMYLENE) AGR ACS, ISO, PH. EUR.	BASICHEM	reference	packaging	price		
Assay > 99.8% Stabiliz. w/ Amylene Free Acid < 0.001% H ₂ O < 0.01% Cl ⁻ < 0.00005% Res. on evap. < 0.002% Ni < 0.000002%	B < 0.000002% Ba < 0.00001% Fe < 0.00001% Al < 0.00005% Ca < 0.00005% Cr < 0.000002% Cu < 0.000002%	Mn < 0.000002% Free chlorine < 0.00002% Co < 0.000002% CCl ₄ < 0.01% Mg < 0.00001% Chloroform < 0.01% Formaldehyde < 0.0005%	Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%	DCHM-OIA-1K0	1 L	
				DCHM-OIA-2K5	2,5 L	
				DCHM-OIA-P04	4x2,5 L	
DICHLOROMETHANE (STABILIZED WITH AMYLENE) HPLC GGR	INSTRUKEM	reference	packaging	price		
Assay > 99.8% Water (KF) < 0.01% Acidity < 0.0005meq/g Alkalinity < 0.0005%	Non-Vol. Mat. < 0.0005% Stabilizer (amylene) 0.005% Res. on ignition < 0.0002% UV-Tr. (1cm;Wat.) 235 nm > 40%	UV-Tr. (1cm;Wat.) 240 nm > 75% UV-Tr. (1cm;Wat.) 250 nm > 98% UV-Tr. (1cm;Wat.) 260 nm > 99%	DCHM-0GH-2K5 	2,5 L		
			DCHM-0GH-P04 	4x2,5 L		



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY




REQUIRES REFRIGERATED TRANSPORTATION

DIETHANOLAMINE

MW: 105.14 CAS: 111-42-2 EC: 203-868-0 EC INDEX: 603-071-00-1



DIETHANOLAMINE 99% AGR	BASICHEM	reference	packaging	price
Assay > 99% H ₂ O < 0.15% Triethanolamine < 0.3%	Colour (Hazen) < 15 Cl ⁻ < 0.001% Ethanolamine < 0.3%	Ash (SO ₄) < 0.002% Fe < 0.0001% Heavy metals (Pb) < 0.0001%	DETA-00A-500  500 ml	





DIETHYLETHER

MW: 74.12 CAS: 60-29-7 EC: 200-467-2 EC INDEX: 603-022-00-4 TARIC code: 29091100 Restriction: Drugs precursor Cat. 3

IMDG: 3 I UN 1155 ADR: 3 I UN 1155 (D/E) IATA: 3 I UN 1155






DIETHYLETHER EPR STABILIZED WITH <0.002% HYDROQUINONE	BASICHEM	reference	packaging	price
Assay > 99.5% Non-Vol. Mat. < 0.002% H ₂ O < 0.2% Peroxides < 0.0002%		DETE-00T-1K0	 1 L	
		DETE-00T-2K5	 2,5 L	
		DETE-00T-P04	 4x2,5 L	

DIETHYLETHER AGR ACS,ISO, STABILIZED WITH BHT	BASICHEM	reference	packaging	price
Assay > 99.5% Non-Vol. Mat. < 0.001% H ₂ O < 0.03% Free Acid < 0.0002% Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.000005% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.000005% Sn < 0.00001% Zn < 0.000005% Acetone < 0.005%	Aldehydes < 0.00007% Carbonyl comp. < 0.001% EtOH < 0.02% Methanol < 0.02% H ₂ O ₂ < 0.0001% S ²⁻ < 0.00006% Colour (Hazen) < 10 Density at 20°C 0.712 - 0.714g/ml Res. on evap. < 0.001% Subs. dark. by H ₂ SO ₄ Passes test	DETE-0IA-1K0	 1 L	
		DETE-0IA-2K5	 2,5 L	
		DETE-0IA-P04	 4x2,5 L	
		DETE-0IA-5K0	 5 L	

DIMETHYL SULFOXIDE

MW: 78.13 CAS: 67-68-5 EC: 200-664-3



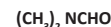
DIMETHYL SULFOXIDE AGR ACS	BASICHEM	reference	packaging	price
Assay > 99.9% Non-Vol. Mat. < 0.001% H ₂ O < 0.1%	Free Acid < 0.0002% Fe < 0.0001% Heavy metals (Pb) < 0.0001% Res. on evap. < 0.01% Acidity < 0.001%	DMSO-00A-1K0	 1 L	
DIMETHYL SULFOXIDE HPLC GGR	INSTRUKEM	reference	packaging	price
UV Absorbance UV-Abs. max. lim. (263 nm) < 1.0 UV-Abs. max. lim. (270 nm) < 0.4 UV-Abs. max. lim. (290 nm) < 0.18 UV-Abs. max. lim. (310 nm) < 0.06	UV-Abs. max. lim. (330 nm) < 0.02 UV-Abs. max. lim. (350 nm) < 0.01 UV Cutoff < 263nm Assay > 99.5% Colour (Hazen) < 10 Water (KF) < 0.05% Res. on evap. < 0.0005% Titr. acid < 0.001ppm	DMSO-0GH-2K5	 2,5 L	
		DMSO-0GH-P04	 4x2,5 L	



N,N-DIMETHYLFORMAMIDE

MW: 73.09 CAS: 68-12-2 EC: 200-679-5 EC INDEX: 616-001-00-X

IMDG: 3 III UN 2265 ADR: 3 III UN 2265 (D/E) IATA: 3 III UN 2265



N,N-DIMETHYLFORMAMIDE 99.9% GLR	BASICHEM	reference	packaging	price
Assay > 99.9% App. Clear liquid Colour (Hazen) < 10 Water < 0.05% Acidity (HCOOH) < 0.001% Alkalinity < 0.001% Methanol < 0.005% Density at 20°C 0.948 - 0.952g/ml		DMFO-POP-1K0	1 L	
		DMFO-POP-5K0	5 L	
		DMFO-POP-25K	25 L	

DIPHENYLAMINE

MW: 169.23 CAS: 122-39-4 EC: 204-539-4 EC INDEX: 612-026-00-5 TARIC code: 29214400 Restriction: Export restrictions

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



DIPHENYLAMINE AGR ACS	BASICHEM	reference	packaging	price
Assay > 99% Melt. range 52.5 - 54°C Sensit. to NO ₃ < 1:1600000 Insol. in EtOH Passes test NO ₂ No reaction Aniline < 0.01% Ash (SO ₂) < 0.03% Ni < 0.001% Fe < 0.001% Cu < 0.001% Pb < 0.001%		DIPA-00A-100	100 g	

ELECTRODE MAINTENANCE SOLUTIONS SEE P. 308**ERIOCHROME BLACK T SEE P. 415****ETHYL ACETATE**

MW: 88,10 CAS: 141-78-6 EC: 205-500-4 EC INDEX: 607-022-00-5

IMDG: 3 II UN 1173 ADR: 3 II UN 1173 (D/E) IATA: 3 II UN 1173



ETHYL ACETATE 99.8% GLR	BASICHEM	reference	packaging	price
Assay > 99.8% App. Clear liquid H ₂ O < 0.03% EtOH < 0.05% Acid. (Acetic acid) < 0.005% Density at 20°C 0.900 - 0.903g/ml		ETAC-POP-1K0	1 L	
		ETAC-POP-5K0	5 L	
		ETAC-POP-10K	10 L	
		ETAC-MOP-25K	25 L	
ETHYL ACETATE AGR ACS ISO PH.EUR.	BASICHEM	reference	packaging	price
Assay > 99.5% H ₂ O < 0.05% Free Acid < 0.005% Methanol < 0.1% Ba < 0.00001% Res. on evap. < 0.002% Ni < 0.000002% B < 0.000002% Fe < 0.00001% Al < 0.00005% Ca < 0.00005% Cr < 0.000002% Cu < 0.000002% EtOH < 0.1% Mn < 0.000002% Co < 0.000002% Mg < 0.00001% Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%		ETAC-0IA-1K0	1 L	
		ETAC-0IA-2K5	2,5 L	
		ETAC-0IA-P04	4x2,5 L	
ETHYL ACETATE HPLC GGR	INSTRUKEM	reference	packaging	price
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005meq/q Non-Vol. Mat. < 0.0005meq/g UV-Abs. max. lim. (270 nm) < 0.025 UV-Abs. max. lim. (260 nm) < 0.15 UV Cutoff < 255 UV-Abs. max. limit (255 nm) < 1.00		ETAC-0GH-2K5	2,5 L	
		ETAC-0GH-P04	4x2,5 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

ETHYLENE GLYCOL

MW: 62.07 CAS: 107-21-1 EC: 203-473-3 EC INDEX: 603-027-00-1



ETHYLENE GLYCOL 99% GLR	BASICHEM	reference	packaging	price	
Assay > 99% App. Clear liquid Colour (Hazen) < 10	Acid. (Acetic acid) < 0.005% Density at 20°C 1.113 - 1.115g/ml Boiling range 190 - 208°C	ETGL-P0P-1K0	1 L		
		ETGL-P0P-5K0	5 L		
		ETGL-M0P-25K	25 L		
ETHYLENE GLYCOL AGR	BASICHEM	reference	packaging	price	
Assay > 99% App. colourless liquid H ₂ O < 0.2% Acid. (Acetic acid) < 0.001%	Cl ⁻ < 0.0005% Density at 20°C 1.113 - 1.115g/ml Res. on ignition < 0.005% SO ₄ < 0.002%	Fe < 0.00005% Heavy metals (Pb) < 0.0001%	ETGL-00A-1K0	1 L	

ETHYLENEDIAMINETETRAACETIC ACID (EDTA)

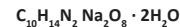
MW: 292.24 CAS: 60-00-4 EC: 200-449-4



ETHYLENEDIAMINETETRAACETIC ACID (EDTA) AGR	BASICHEM	reference	packaging	price	
Assay > 98% App. white/crystal. powder Ash (SO ₄) < 0.1%	Cl ⁻ < 0.005% Ni < 0.001% Fe < 0.001%	Ca < 0.002% Cu < 0.001% Mg < 0.0005%	Pb < 0.001%	EDTA-00A-1K0	1 kg

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT DIHYDRATE

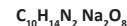
MW: 372.24 CAS: 6381-92-6 EC: 205-358-3



ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT DIHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay 99 - 101% pH (5%) 4 - 5 Insol. matter < 0.005%	CN < 0.001% Cl ⁻ < 0.001% Nitritotriacetic acid < 0.05%	H ₂ O 9 - 10% SO ₄ < 0.02% Fe < 0.0005%	Heavy metals (Pb) < 0.001%	EDTA-01A-500	500 g

ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT, VOLUMETRIC SOLUTIONS

MW: 372.24 CAS: 6381-92-6 EC: 205-358-3



ETHYLENEDIAMINETETRAACETIC ACID (EDTA) DISODIUM SALT VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.0996 - 0.1004M Concentration (N) 0.1992 - 0.2008N	Tolerance (M) 0.0004M Tolerance (N) 0.0008N	EDTA-01V-1K0	1 L	

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FORMIC ACID

MW: 46.03 CAS: 64-18-6 EC: 200-579-1

IMDG: 8 (3) II UN 1779 ADR: 8 (3) II UN 1779 (D/E) IATA: 8 (3) II UN 1779

HCOOH

FORMIC ACID 98% AGR ACS	BASICHEM	reference	packaging	price
Assay > 99% Non-Vol. Mat. < 0.001% NH ₄ < 0.001% Ag < 0.000002% Ba < 0.000002% Al < 0.000005% Be < 0.000002% Bi < 0.00001% Ca < 0.00002% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.0002% Ge < 0.000005% K < 0.00001% Li < 0.000002% Mg < 0.00005% Mn < 0.000005% Mo < 0.000002% Na < 0.00005% Ni < 0.000005% Pb < 0.000002% Sr < 0.000002% Ti < 0.00001% Tl < 0.000005% V < 0.000005% Zn < 0.00005% Zr < 0.00001% Cl < 0.0005% Oxalate < 0.005% SO ₄ < 0.0005% SO ₃ < 0.001% Acetic acid < 0.005% Colour (Hazen) < 10 Res. on evap. < 0.003% Heavy metals (Pb) < 0.001%		FORA-A0A-1K0	1 L	

D(-)-FRUCTOSE

MW: 180.16 CAS: 57-48-7 EC: 200-333-3

C₆H₁₂O₆

D(-)-FRUCTOSE EPR	BASICHEM	reference	packaging	price
App. White powder or crystals Identity Passes test App. and col. of solution Passes test H ₂ O < 0.5% Acidity Passes test Ash (SO ₄) < 0.1% Specific opt. rot. 91 - 93.5°	Cl < 0.005% SO ₄ < 0.005% AS < 0.0001% Ba Passes test Pb < 0.00005%	FRUC-00T-500	500 g	
D(-)-FRUCTOSE AGR	BASICHEM	reference	packaging	price
App. white crystalline powder Assay > 99% Spec. Rot. (20°C;10%H ₂ O) -93.5 - -91° Insol. matter < 0.005% Loss on dry. < 0.5% Cl < 0.002% D(+)-Glucose < 0.1%	Ash (SO ₄) < 0.05% SO ₄ < 0.002% Fe < 0.0001% Cu < 0.0001% As < 0.00005% Pb < 0.00002% Cd < 0.0001% Zn < 0.0005%	FRUC-00A-250	250 g	

D(+)-GLUCOSE ANHYDROUS

MW: 180.16 CAS: 50-99-7 EC: 200-075-1

C₆H₁₂O₆

D(+)-GLUCOSE ANHYDROUS EPR	BASICHEM	reference	packaging	price
App. Colourless cryst. or white powder Insol. matter < 0.01% Spec. Rot. (20°C;10%H ₂ O) 52.5 - 53.3° Loss on dry. (105 °C) < 0.5% Cl < 0.01% Acid. (Acetic acid) < 0.05% Ash (SO ₄) < 0.05% SO ₄ < 0.01% Fe < 0.001% As < 0.0004% Pb < 0.001%		GLUC-A0T-500	500 g	
		GLUC-A0T-1K0	1 kg	

D(+)-GLUCOSE ANHYDROUS FOR CULTURE MEDIA SEE P. 47

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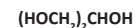
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GLYCEROL

MW: 92.09 CAS: 56-81-5 EC: 200-289-5



GLYCEROL (VEGETAL ORIGIN) USP GLR	BASICHEM	reference	packaging	price	
Assay > 99% App. Clear liquid Colour (Hazen) < 10 Water < 1% Cl ⁻ < 0.001% Specific gravity > 1.249g/cm ³	Fat. ac. and esters < 0.01meq/g Refractive index > 1.47 Chlorinated comp < 0.003% Heavy metals (Pb) < 0.0005% Aldehydes < 0.001%	GLIO-POP-1K0	1 L		
		GLIO-POP-5K0	5 L		
		GLIO-POP-10K	10 L		
		GLIO-MOP-25K	25 L		
GLYCEROL 99% AGR	BASICHEM	reference	packaging	price	
Assay > 99% H ₂ O < 1% Colour (Hazen) < 10 Acidity < 0.05meq/g Alkalinity < 0.03meq/g	Ash (SO ₄) < 0.005% NH ₄ ⁺ < 0.0005% As < 0.0001% Heavy metals (Pb) < 0.0001% Fe < 0.0001%	Cl ⁻ < 0.0001% SO ₄ ²⁻ < 0.0005% R.C.S. Passes test Fat. ac. and esters < 0.05% Glyceraldehyde < 0.003%	GLIO-00A-1K0	1 L	

GLYCINE

MW: 75.06 CAS: 56-40-6 EC: 200-272-2



GLYCINE AGR	BASICHEM	reference	packaging	price	
Appearance White, light yellow or brown crystalline powder App. 10% sol. passes test	Assay 98.5 - 101% Cl ⁻ < 0.001% SO ₄ ²⁻ < 0.005%	Buffering substance For biochemistry, bacteriology and tissue culture. buffering substance	GLIC-00A-500	500 g	

HEPTANE

MW: 100.21 CAS: 142-82-5 EC: 921-510-4 EC INDEX: 601-008-00-2 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1206 ADR: 3 II UN 1206 (D/E) IATA: 3 II UN 1206



N-HEPTANE 99% HPLC GGR	INSTRUKEM	reference	packaging	price	
Assay > 99.0% Water (KF) < 0.02% Colour (Hazen) < 10	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 210 nm > 40% UV-Tr. (1cm;Wat.) 220 nm > 80%	UV-Tr. (1cm;Wat.) 230 nm > 93% UV-Tr. (1cm;Wat.) 240 nm > 97% UV-Tr. (1cm;Wat.) 250 nm > 98%	HPTN-9GH-2K5	2,5 L	
			HPTN-9GH-P04	4x2,5 L	

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MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

HEPTANE, ISOMER MIX

MW: 100.21 EC: 927-510-4 TARIC code: 27101225 Restriction: Hydrocarbons

IMDG: 3 II UN 1206 ADR: 3 II UN 1206 (D/E) IATA: 3 II UN 1206

C₇H₁₆

N-HEPTANE 95% (ISÓMEROS) GLR	BASICHEM	reference	packaging	price
App. Clear colourless liquid colour (Saybolt) > 30 Density at 15 °C 0.69 - 0.698g/ml Boiling range 90 - 100°C Assay (V/V) > 95%	Arom. Comp. (v/v) < 0.005% Benzene < 0.001% S < 0.0001% Cu corros. (ASTM D130) < 1	HPTN-POP-1K0	1 L	
		HPTN-GOP-1K0	1 L	
		HPTN-POP-5K0	5 L	
		HPTN-MOP-25K	25 L	

HEXANE

MW: 86.18 CAS: 110-54-3 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208

C₆H₁₄

N-HEXANE 95% AGR ACS PH.EUR.	BASICHEM	reference	packaging	price	
Assay (C ₆ H ₁₄) > 95% H ₂ O < 0.01% Free Acid < 0.002% Res. on evap. < 0.001% Ni < 0.000002% B < 0.000002% Ba < 0.00001% Fe < 0.00001%	Al < 0.00005% Ca < 0.00005% Arom. Comp. < 0.01% Cr < 0.000002% Cu < 0.000002% Mn < 0.000002% S comp. < 0.005% Thiophene < 0.005%	Co < 0.000002% Mg < 0.00001% Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%	HXAN-50A-2K5	2,5 L	
			HXAN-50A-P04	4x2,5 L	

N-HEXANE 95% HPLC GGR	INSTRUKEM	reference	packaging	price	
Assay > 95.0% Water (KF) < 0.01% Colour (Hazen) < 10 Acidity < 0.0003meq/g	Res. on evap. < 0.0003% UV-Abs. max. lim. (195 nm) < 1.00 UV-Abs. max. lim. (210 nm) < 0.25 UV-abs. max. lim. (220 nm) < 0.075	UV-Abs. max. lim. (254 nm) < 0.005 UV Cutoff < 195nm	HXAN-5GH-2K5	2,5 L	
			HXAN-5GH-P04	4x2,5 L	

N-HEXANE 95% PESTICIDE GRADE PGR	INSTRUKEM	reference	packaging	price
Assay > 95% Water (KF) < 0.02% Colour (Hazen) < 10	Acidity < 0.0005meq/g Res. on evap. < 0.0005%	HXAN-5GC-2K5	2,5 L	
		HXAN-5GC-P04	4x2,5 L	

N-HEXANE 99% AGR ACS PH.EUR.	BASICHEM	reference	packaging	price	
Assay > 99% H ₂ O < 0.01% Free Acid < 0.002% Ni < 0.000002% B < 0.000002% Ba < 0.00001% Res. on evap. < 0.001% Fe < 0.00001%	Al < 0.00005% Ca < 0.00005% Arom. Comp. < 0.01% Cr < 0.000002% Cu < 0.000002% Mn < 0.000002% S comp. < 0.005% Thiophene < 0.005%	Co < 0.000002% Mg < 0.00001% Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%	HXAN-90A-1K0	1 L	
			HXAN-90A-2K5	2,5 L	
			HXAN-90A-P04	4x2,5 L	



HEXANE, ISOMER MIX

MW: 86.18 EC: 925-292-5 EC INDEX: 601-037-00-0 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1208 ADR: 3 II UN 1208 (D/E) IATA: 3 II UN 1208



N-HEXANE 95% (ISOMERS) GLR	BASICHEM	reference	packaging	price
Assay (V/V) > 96% App. Clear colourless liquid Arom. Comp. (v/v) < 0.005% Benzene < 0.001% colour (Saybolt) > 30	S < 0.0001% Cu corros. (ASTM D130) < 1 Density at 15 °C 0.665 - 0.679g/ml Boiling range 62.5 - 70°C Non-Vol. Mat. < 5 mg/100ml	HXAN-POP-1K0	1 L	
		HXAN-GOP-1K0	1 L	
		HXAN-POP-5K0	5 L	
		HXAN-POP-10K	10 L	
		HXAN-MOP-25K	25 L	
N-HEXANE (ISOMERS) HPLC GGR	INSTRUKEM	reference	packaging	price
Assay (Isomer mix) > 99% C ₆ H ₁₄ Isomer Mix > 99% Water (KF) < 0.01% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 210 nm > 60% UV-Tr. (1cm;Wat.) 220 nm > 80% UV-Tr. (1cm;Wat.) 230 nm > 95% UV-Tr. (1cm;Wat.) 240 nm > 98% UV-Tr. (1cm;Wat.) 250 nm > 99%	HXAN-IGH-2K5	2,5 L	
		HXAN-IGH-P04	4x2,5 L	

HYDROCHLORIC ACID

MW: 36.46 CAS: 7647-01-0 EC: 231-595-7 EC INDEX: 017-002-01-X TARIC code: 28061000 Restriction: Drugs precursor Cat. 3

IMDG: 8 II UN 1789 ADR: 8 II UN 1789 (E) IATA: 8 II UN 1789



HYDROCHLORIC ACID 25% AGR	BASICHEM	reference	packaging	price
Assay 24 - 26% Density approx. > 1.124 Ash (SO ₂) < 0.001%	SO ₄ < 0.0002% SO ₃ < 0.0005% Free chlorine < 0.0001%	Heavy metals (Pb) < 0.0001% As < 0.000005% Fe < 0.0001%	1 L	
HYDROCHLORIC ACID 32% GLR	BASICHEM	reference	packaging	price
Assay 30 - 33%	Density at 20°C 1.1494 - 1.1645g/ml	CHAC-32P-1K0	1 L	
HYDROCHLORIC ACID 35-38% EPR	BASICHEM	reference	packaging	price
Assay 35 - 38% Density at 20°C 1.174 - 1.189g/ml Ash (SO ₂) < 0.002	SO ₄ < 0.0005 SO ₃ < 0.001 Free chlorine < 0.0002	Heavy metals (Pb) < 0.0002 As < 0.00001 Fe < 0.0003	1 L 2,5 L	
HYDROCHLORIC ACID 35-38% AGR	BASICHEM	reference	packaging	price
Assay 35 - 38% Density at 20°C 1.174 - 1.189g/ml Ash (SO ₂) < 0.001% SO ₄ < 0.0002% SO ₃ < 0.0005% Free chlorine < 0.0001%	Heavy metals (Pb) < 0.0001% Al < 0.0001% As < 0.000005% Cu < 0.00005% Fe < 0.0001% Mg < 0.00005%	Mn < 0.00005% Ni < 0.00005% Pb < 0.00005% Zn < 0.00005%	1 L 2,5 L	
HYDROCHLORIC ACID 37% AGR ISO	BASICHEM	reference	packaging	price
Assay 36.5 - 38% Res. on ignition < 0.0005% As < 0.000005%	Cd < 0.000001% Cu < 0.000005% Fe < 0.00005%	Pb < 0.000005% Zn < 0.0001% NH ₄ < 0.0003%	Free chlorine < 0.00005% SO ₃ < 0.0002% SO ₄ < 0.0001%	1 L 2,5 L 4x2,5 L



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

HYDROFLUORIC ACID

MW: 20.01 CAS: 7664-39-3 EC: 231-634-8 EC INDEX: 009-003-00-1 TARIC code: 28111100 Restriction: Double use - Ministry of Defence (EU)

IMDG: 8 (6.1) II UN 1790 ADR: 8 (6.1) II UN 1790 (E) IATA: 8 (6.1) II UN 1790

HF



HYDROFLUORIC ACID 40% AGR				BASICHEM	reference	packaging	price
Assay 38 - 40% H ₂ SIF ₆ < 0.1%	Cl ⁻ < 0.001% SO ₄ < 0.001%	SO ₃ < 0.005% Fe < 0.0005%	Pb < 0.0005%		FLAC-00A-1K0	1 L	
HYDROFLUORIC ACID 48% AGR ISO				BASICHEM	reference	packaging	price
Assay > 48% SiF ₆ < 0.005% SO ₂ < 0.0002% Colour (Hazen) < 10 Cl ⁻ < 0.0001% Be < 0.000002% PO ₄ < 0.00005% Bi < 0.00001% SO ₄ < 0.0002%	Ni < 0.000002% Ba < 0.00001% Fe < 0.00002% Al < 0.000005% Ash (SO ₃) < 0.0005% Ca < 0.00005% Cr < 0.000002% Cu < 0.000002% Mn < 0.000005%	Co < 0.000002% Mg < 0.00002% Li < 0.000002% Na < 0.00002% K < 0.00001% Mo < 0.000005% Ge < 0.000005% Pb < 0.000005% Cd < 0.000001%	Sr < 0.000002% Ag < 0.000002% Ti < 0.00001% Tl < 0.000005% V < 0.000005% Zn < 0.000005% Zr < 0.00001%		FLAC-80A-1K0	1 L	

HYDROGEN PEROXIDE 30%

MW: 34.01 CAS: 7722-84-1 EC: 231-765-0 EC INDEX: 008-003-00-9 TARIC code: 28470000 Restriction: Explosives precursor

IMDG: 5.1 (8) II UN 2014 ADR: 5.1 (8) II UN 2014 (E) IATA: 5.1 (8) II UN 2014

H₂O₂

HYDROGEN PEROXIDE 30% (V/V) EPR				BASICHEM	reference	packaging	price
App. Clear colourless liquid Assay 29 - 31% Free acids (H ₂ SO ₄) < 0.01% Res. on evap. < 0.01%	Cl ⁻ < 0.001% PO ₄ < 0.003% SO ₄ < 0.001% Heavy met. < 0.00005%	Total N < 0.005% As < 0.00005% Fe < 0.00005%			HYPE-30P-1K0	1 L	
HYDROGEN PEROXIDE 30% (V/V) AGR				BASICHEM	reference	packaging	price
Assay 29 - 31% Free acids (H ₂ SO ₄) < 0.001% Phosphorous(P) < 0.0001% Bi < 0.000005% Cl ⁻ < 0.0001% Ni < 0.00001%	B < 0.000001% SO ₄ < 0.0001% Fe < 0.00001% Al < 0.00001% Silver (Ag) < 0.00001% Cu < 0.00001%	Si < 0.001% Mn < 0.00001% Co < 0.00001% Pb < 0.00001% Sn < 0.00001%			HYPE-30A-500 HYPE-30A-1K0	500 ml 1 L	

INDICATORS FOR TITRATIONS SEE P. 414**INDIGO CARMINE SEE P. 415****INGREDIENTS FOR MICROBIOLOGICAL CULTURE SEE P. 45****IODINE RESUBLIMED**

MW: 253,8 CAS: 7553-56-2 EC: 231-442-4 EC INDEX: 053-001-00-3

IMDG: 8 (6.1) III UN 3495 ADR: 8 (6.1) III UN 3495 (E) IATA: 8 (6.1) III UN 3495

I₂

IODINE RESUBLIMED AGR			BASICHEM	reference	packaging	price
Assay > 99.8% App. Dark violet granules	Cl ⁻ and Br ⁻ (Cl) < 0.005% Res. on evap. < 0.01%			IODI-R0A-100 IODI-R0A-250	100 g 250 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY





REQUIRES REFRIGERATED TRANSPORTATION

IODINE, VOLUMETIC SOLUTIONS

MW: 253.81 CAS: 7553-56-2 EC: 231-442-4 EC INDEX: 053-001-00-3



IODINE 0.05 M (0.1 N) VOLUMETRIC SOLUTION VSA	 BASICEM	reference	packaging	price
Composition 12.69g I2 Concentration (M) 0.0499 - 0.0501M Concentration (N) 0.0998 - 0.1002N Tolerance (M) 0.0001M	Tolerance (N) 0.0002N Values measured at the moment of production. For titrations, calibrate before use.	IODI-01V-1K0	 1 L	

IRON (III) CHLORIDE ANHYDROUS

MW: 162.21 CAS: 7705-08-0 EC: 231-729-4

IMDG: 8 III UN 1773 ADR: 8 III UN 1773 (E) IATA: 8 III UN 1773



IRON (III) CHLORIDE ANHYDROUS EPR	BASICEM	reference	packaging	price
Assay > 98%	Melt. range 305°C	IRCH-A0T-500	 500 g	

IRON (III) CHLORIDE HEXAHYDRATE

MW: 270,33 CAS: 10025-77-1 EC: 231-729-4

IMDG: 8 III UN 3260 ADR: 8 III UN 3260 (E) IATA: 8 III UN 3260




IRON (III) CHLORIDE HEXAHYDRATE AGR ACS, PH.EUR.	BASICEM	reference	packaging	price
Assay 99 - 102% App. Yellowish lumps Insol. matter < 0.01%	Fe (II) < 0.002% NO ₃ < 0.01% PO ₄ < 0.01%	Ca < 0.01% Cu < 0.003% SO ₄ < 0.01%	Mg < 0.005% Na < 0.05% Zn < 0.003%	IRCH-06A-500  500 g

IRON METAL, POWDER

MW: 55.84 CAS: 7439-89-6 EC: 231-096-4

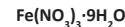



IRON METAL, POWDER, 0.045-0.106 MM GLR	BASICEM	reference	packaging	price
Assay > 95% Granul. (150 µm)%	Granul. (106 µm) < 1% Granul. (75 µm) < 10%	Granul. (45 µm) 15 - 65% Carbon < 0.6%	Fe > 0.95% Type analysis	IRON-001-500  500 g

IRON (III) NITRATE NONAHYDRATE

MW: 404,00 CAS: 7782-61-8 EC: 233-899-5

IMDG: 5.1 III UN 1466 ADR: 5.1 III UN 1466 (E) IATA: 5.1 III UN 1466




IRON (III) NITRATE NONAHYDRATE AGR ACS	BASICEM	reference	packaging	price
Appearance/colour Assay (titr. by Na ₂ S ₂ O ₃) 98.0 - 101.0% Infrared spectr. passes test Ins. mat. (10%, dil. HNO ₃) < 0.005% Cl ⁻ < 0.0005% SO ₄ < 0.01%	Ca < 0.01% Mg < 0.005% K < 0.005% Na < 0.05% Subs. not pptd. by (NH ₄) sol. (SO ₄) < 0.1%	IRNA-09A-500	 500 g	

IRON (III) OXIDE RED

MW: 159.69 CAS: 1309-37-1 EC: 215-168-2



IRON (III) OXIDE RED EPR	BASICEM	reference	packaging	price
Assay 95 - 98% Loss on ign. < 0.5%	H ₂ O solubility < 1% PO ₄ < 0.3%	Mn < 0.25% SO ₄ < 0.5%	IROX-00T-500  500 g	



IRON (II) SULFATE HEPTAHYDRATE

MW: 278,02 CAS: 7782-63-0 EC: 231-753-5



IRON (II) SULFATE HEPTAHYDRATE EPR	BASICHEM	reference	packaging	price
Assay 98.5 - 104.5% pH (5%) 3 - 4 Fe (III) salts (Fe) < 0.2% Cl ⁻ < 0.01%	Heavy metals (Pb) < 0.005% Cu < 0.005% Mn < 0.1% As < 0.0002%	Pb < 0.001% Hg < 0.0003% Zn < 0.05%	IRSU-07T-500 500 g	
IRON (II) SULFATE HEPTAHYDRATE AGR ACS	BASICHEM	reference	packaging	price
Assay > 99.5% App. Green crystalline powder pH (5%) 3 - 4 Cl ⁻ < 0.001% Fe (III) < 0.1% PO ₄ < 0.001%	Org. vol. imp. excl. Passes test Ni < 0.005% Cu < 0.005% Cr < 0.005% Subst. not pptd. by NH ₄ < 0.1% Mn < 0.05%	Mg < 0.002% Na < 0.02% K < 0.002% Zn < 0.005% Ca < 0.005%	IRSU-07A-500 500 g	

IRON (III) SULFATE HYDRATED

MW: 399.88 CAS: 15244-10-7 EC: 233-072-9



IRON (III) SULFATE HYDRATED EPR	BASICHEM	reference	packaging	price
App. Greyish-white to yellowish powder Assay > 20%	Cu < 0.01% Fe (II) < 0.1%	Cl ⁻ < 0.03% NO ₃ < 0.05%	IRSU-01T-500 500 g	

ISOOCTANE

MW: 114.23 CAS: 540-84-1 EC: 208-759-1 EC INDEX: 601-009-00-8 TARIC code: 29011000 Restriction: Hydrocarbons

IMDG: 3 II UN 1262 ADR: 3 II UN 1262 (D/E) IATA: 3 II UN 1262



ISOOCTANE AGR ACS, PH.EUR.	BASICHEM	reference	packaging	price	
Assay (C ₈ H ₁₈) > 99.5% H ₂ O < 0.01% Free Acid < 0.0005% S < 0.005% Res. on evap. < 0.001%	Ni < 0.000002% B < 0.000002% Ba < 0.00001% Fe < 0.00001% Al < 0.00005%	Ca < 0.00005% Cr < 0.000002% Cu < 0.000002% Mn < 0.000002% Co < 0.000002%	Mg < 0.00001% Pb < 0.00001% Cd < 0.000005% Sn < 0.00001% Zn < 0.00001%	ISCT-00A-1K0 1 L	
ISOOCTANE HPLC GGR	INSTRUKEM	reference	packaging	price	
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 UV-Abs. max. lim. (225 nm) < 0.10	UV-Abs. max. lim. (254 nm) < 0.014 UV Cutoff < 205nm Assay (C ₈ H ₁₈) > 99.0% Colour (Hazen) < 10	Water (KF) < 0.02% Res. on evap. < 0.0004% Wat. sol. titr. acid < 0.0003mEq/g S comp. < 0.005%	ISCT-0GH-2K5 2,5 L ISCT-0GH-P04 4x2,5 L		



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

KARL-FISCHER METHANOL DRIED

MW: 32.04 CAS: 67-56-1 EC: 200-659-6

IMDG: 3(6.1) II UN 1230 ADR: 3(6.1) II UN 1230 (D/E) IATA: 3(6.1) II UN 1230

CH₃OH

KARL-FISCHER METHANOL DRIED KFR , VOLUMETRIC METHOD	INSTRUKEM	reference	packaging	price
App. Volatile clear, colourless liquid Identification IR Spectrometry Assay (GC) > 99.8% Density at 20°C < 0.794g/ml	Solub. in H ₂ O Passes test Refr. index [at 20°C] 1.327 - 1.328 H ₂ O < 0.02%	MTLD-KFR-1K0	1 L	

LACTIC ACID

MW: 90.08 CAS: 50-21-5 EC: 201-196-2

IMDG: 8 III UN 3265 ADR: 8 III UN 3265 IATA: 8 III UN 3265

C₃H₅O₃

DL-LACTIC ACID AGR	BASICHEM	reference	packaging	price
Assay > 80% DL-lactic acid sol. > 80% Easy carbonizable subst. Passes test Cl < 0.0005%	Ash (SO ₄) < 0.02% Fe < 0.0007% Heavy metals (Pb) < 0.0005% SO ₄ < 0.005%	Red. sugars Passes test As < 0.00002%	LACA-00A-1K0 1 L	

LACTOSE MONOHYDRATE

CAS: 10039-26-6 MW: 360.32 EC: 200-559-2 TARIC code: 17021100

C₁₂H₂₂O₁₁·H₂O

LACTOSE MONOHYDRATE AGR REAG.PH. EUR.	BASICHEM	reference	packaging	price
Spec. opt. rot. 54.4 - 55.9° H ₂ O (by KF) 4.5 - 5.5%	Acid. or alk. Passes testml Abs. UV Passes test	Ash (SO ₄) < 0.1% Heavy metals (Pb) < 0.0005%	LACT-01A-500 500 g	
			LACT-01A-1K0 1 kg	

LEAD (II) NITRATE

MW: 331.21 CAS: 10099-74-8 EC: 233-245-9 EC INDEX: 082-001-00-6

IMDG: 5.1 II UN 1469 ADR: 5.1 II UN 1469 IATA: 5.1 II UN 1469

Pb(NO₃)₂

LEAD (II) NITRATE EPR	BASICHEM	reference	packaging	price
App. white crystals or powder	Assay > 98%	LENA-00T-500	500 g	
LEAD (II) NITRATE AGR	BASICHEM	reference	packaging	price
App. white crystals or powder Assay > 99% Insol. (HNO ₃) < 0.005%	Cl < 0.001% Ca < 0.005% Cu < 0.0005%	Fe < 0.001% K < 0.005% Na < 0.02%	LENA-00A-500 500 g	



LITHIUM CHLORIDE

MW: 42.39 CAS: 7447-41-8 EC: 231-212-3

LiCl



LITHIUM CHLORIDE AGR ACS	BASICHEM	reference	packaging	price	
Appearance White crystalline powder Assay > 99.0% Insol. matter < 0.01%	Loss on dry. (105 °C) < 1.0% SO ₄ < 0.01% Ca < 0.01% Fe < 0.001%	Heavy metals (Pb) < 0.002% K < 0.01% Na < 0.2% Ba < 0.003%	NO ₃ < 0.001% Tit. base < 0.008meq/g	LICH-00A-100 	100 g

LUGOL SOLUTION

LUGOL SOLUTION AGR	BASICHEM	reference	packaging	price
Appearance Brown liquid Free iodine 0,99%		LUGO-00A-250	250 ml	
		LUGO-00A-1K0	1 L	

MAGNESIUM (METAL)

MW: 24.31 CAS: 7439-95-4 EC: 231-104-6 EC INDEX: 012-001-00-3

IMDG: 4.3 (4.2) I UN 1418 ADR: 4.3 (4.2) I UN 1418 (E) IATA: 4.3 (4.2) I UN 1418

Mg



MAGNESIUM (METAL) POWDER EPR	BASICHEM	reference	packaging	price
Assay (Mg) > 99%	Insol. in HCl < 0.05%	Fe < 0.05%	MGPW-P0T-100 	100 g
MAGNESIUM (METAL) RIBBON EPR	BASICHEM	reference	packaging	price
Assay (Mg) > 99.5% Insol. in HCl < 0.05%	Fe < 0.05% Cu < 0.005%	Pb < 0.01%	MGPW-R0T-025 	25 g

MAGNESIUM CHLORIDE HEXAHYDRATE

MW: 203.30 CAS: 7791-18-6 EC: 232-094-6

MgCl₂·6H₂O

MAGNESIUM CHLORIDE HEXAHYDRATE EPR PH.EUR.	BASICHEM	reference	packaging	price
App. Colourless hygroscopic crystals Assay (EP, USP) 98.0 - 101.0% Identification Conforms App. of sol. Clear and colourless Acid. or alk. Passes test Hg < 0.0001 As (EP)	Fe < 0.001% Al < 0.0001% Ba Br < 0.05% (SO ₄) (EP) < 0.01 Ca (EP) < 0.1 NH ₄ < 0.005%	Potassium (K) < 0.05% H ₂ O 51 - 55% Insol. matter < 0.005% Res. solvents complies pH (solution 50 g/l) 4.5 - 7.5	MGCH-06P-1K0 	1 kg
			MGCH-06P-5K0 	5 kg
MAGNESIUM CHLORIDE HEXAHYDRATE AGR ACS, BP	BASICHEM	reference	packaging	price
Assay 98 - 101% Insol. (EtOH) Passes test Insol. matter < 0.005% pH (5%) 5 - 6.5 H ₂ O 51 - 55% PO ₄ < 0.0005%	Ba < 0.005% Fe < 0.0005% SO ₄ < 0.002% Heavy metals (Pb) < 0.0005% Ca < 0.01% Mn < 0.0005%	N Comp. (N) < 0.002% Na < 0.005% K < 0.005% As < 0.0002% Sr < 0.005%	MGCH-06A-500 	500 g



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

MAGNESIUM NITRATE HEXAHYDRATE

MW: 256,41 CAS: 13446-18-9 EC: 233-826-7



MAGNESIUM NITRATE HEXAHYDRATE AGR ACS	BASICEM	reference	packaging	price	
Assay 98.0 - 102.0% App. Colourless deliquescent crystals pH (5%) 5.0 - 8.2 Insol. matter < 0.005% Cl ⁻ < 0.001% PO ₄ < 0.0005%	NH ₄ < 0.003% Ba < 0.005% SO ₄ < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.01%	Mn < 0.0005% Na < 0.005% K < 0.005% Sr < 0.005%	MGNA-06A-500 	500 g	

MAGNESIUM SULFATE ANHYDROUS

MW: 120.37 CAS: 7487-88-9 EC: 231-298-2



MAGNESIUM SULFATE ANHYDROUS GLR	BASICEM	reference	packaging	price	
Assay > 95% Heavy metals (Pb) < 0.005%	Cl ⁻ < 0.1% Insol. matter < 0.1%	Fe < 0.005%	MGSU-AOP-1K0 	1 kg	
			MGSU-AOP-5K0 	5 kg	

MAGNESIUM SULFATE HEPTAHYDRATE

MW: 246,48 CAS: 10034-99-8 EC: 231-298-2

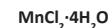


MAGNESIUM SULFATE HEPTAHYDRATE EPR	BASICEM	reference	packaging	price	
Assay 98.5 - 102.0% pH (5%) 5.0 - 8.0 Insol. matter < 0.01%	Cl ⁻ < 0.0035% PO ₄ < 0.005% Heavy metals (Pb) < 0.0005%	As < 0.0002% Ca < 0.05% Fe < 0.002%	MGSU-07P-500 	500 g	
			MGSU-07P-1K0 	1 kg	
MAGNESIUM SULFATE HEPTAHYDRATE AGR	BASICEM	reference	packaging	price	
Assay 99 - 100.5% pH (5%) 5.0 - 8 Insol. matter < 0.005% Cl ⁻ < 0.002%	PO ₄ < 0.001% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.02%	Mn < 0.002% As < 0.0001%	MGSU-07A-500 	500 g	

MANGANESE (II) CHLORIDE TETRAHYDRATE

MW: 197,90 CAS: 13446-34-9 EC: 231-869-6

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



MANGANESE (II) CHLORIDE TETRAHYDRATE AGR	BASICEM	reference	packaging	price	
Assay 98 - 101% Insol. matter < 0.003% Subst. Red. I ₂ < 0.0065% Ni < 0.002%	Ba < 0.01% Fe < 0.001% Ca < 0.04% Cu < 0.0002%	SO ₄ < 0.0025% Mg < 0.04% Na < 0.02% K < 0.01%	Pb < 0.0002% Zn < 0.02%	MNCH-04A-500 	500 g

MANGANESE (IV) OXIDE

MW: 86,94 CAS: 1313-13-9 EC: 215-202-6 EC INDEX: 025-001-00-3



MANGANESE (IV) OXIDE AGR	BASICEM	reference	packaging	price	
App. A black coloured heavy powder Assay > 80.0% Free moist. < 3%	Insoluble in HCl < 0.5% Fe < 0.1% Pb < 0.09%	Cu < 0.002% SO ₄ < 1.2% pH (5%) 4.5 - 6.5	MNOX-00A-500 	500 g	



MANGANESE (II) SULFATE MONOHYDRATE

MW: 169,02 CAS: 10034-96-5 EC: 232-089-9 EC INDEX: 025-003-00-4

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



MANGANESE (II) SULFATE MONOHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% Insol. matter < 0.01% Loss on ign. 10 - 12% Subst. Red. $KMnO_4$ (O) passes test% Cl ⁻ < 0.002%	Ni < 0.005% Fe < 0.001% Ca < 0.005% Cu < 0.001% Mg < 0.005%	Na < 0.05% K < 0.01% Pb < 0.001% Zn < 0.005%	MNSU-01A-500 	500 g	

D(-)-MANNITOL

MW: 182,17 CAS: 69-65-8 EC: 200-711-8



D(-)-MANNITOL FOR BACTERIOLOGY AGR ACS	BASICHEM	reference	packaging	price	
Assay > 99% Melt. range 165 - 169°C Spec. opt. rot. 23 - 25° Cl ⁻ < 0.001% Insol. matter < 0.01% Red. sugars ($C_6H_{12}O_6$) < 0.05%	Loss on dry. (105 °C) < 0.05% Acid. (Acetic acid) < 0.005% SO_4 < 0.005% Ash (SO_4) < 0.02% Fe < 0.0005% Subs. dark. by H_2SO_4 Passes test	Ca < 0.001% Cu < 0.0005% D(-)-Sorbitol(GC) < 1% As < 0.0001% Pb < 0.0005%	MANL-00A-500 	500 g	

MARBLE

MW: 100.09 CAS: 471-34-1 EC: 207-439-9



MARBLE PIECES 1-2 MM AUX	BASICHEM	reference	packaging	price	
Type analysis	Particle size 1 - 2mm	MARB-001-1K0		1 kg	

MERCURY (II) CHLORIDE

MW: 271,50 CAS: 7487-94-7 EC: 231-299-8 EC INDEX: 080-010-00-X TARIC code: 28521000 Restriction: Export restrictions

IMDG: 6.1 II UN 1624 ADR: 6.1 II UN 1624 (D/E) IATA: 6.1 II UN 1624



MERCURY (II) CHLORIDE AGR	BASICHEM	reference	packaging	price		
Assay > 99.5% Insol. Mat. (Ether) < 0.01% Insol. matter < 0.01% Subs. not red. by $HCOOH$ <	0.02% NO_3 < 0.001% Res. on evap. < 0.02% Fe < 0.001%	Ca < 0.001% Cu < 0.0005% Mg < 0.001% Na < 0.005%	K < 0.005% Pb < 0.0005%	HGCH-00A-100 	100 g	

MERCURY (II) IODIDE RED

MW: 454,40 CAS: 7774-29-0 EC: 231-873-8 EC INDEX: 080-002-00-6 TARIC code: 28521000 Restriction: Export restrictions

IMDG: 6.1 II UN 1638 ADR: 6.1 II UN 1638 IATA: 6.1 II UN 1638



MERCURY (II) IODIDE RED AGR	BASICHEM	reference	packaging	price	
Assay > 99% Soluble Hg salts (Hg) < 0.05% Solub. (10% KI) Passes test	Hg (I) < 0.1% Ni < 0.001% Cu < 0.001%	Pb < 0.001%	HGIO-00A-025 	25 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

METHANOL

MW: 32.04 CAS: 67-56-1 EC: 200-659-6 EC INDEX: 603-001-00-X

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230

CH₃OH

METHANOL 99.8 % GLR	BASICHEM	reference	packaging	price	
App. Colourless/transp liq. Acetone < 0.003% H ₂ O < 0.1% Cl ⁻ < 0.00005% Density at 20°C < 0.7965g/ml Assay > 99.8%	Res. on evap. < 0.0015% Subst. red. KMnO ₄ (≥ 30min) Passes test Acidity < 0.003 Absence of benzene Fe < 0.00001	MTOL-POP-1K0	1 L		
		MTOL-POP-5K0	5 L		
		MTOL-POP-10K	10 L		
		MTOL-MOP-25K	25 L		
METHANOL AGR ACS,ISO,PH.EUR.	BASICHEM	reference	packaging	price	
Assay > 99.8% Non-Vol. Mat. < 0.001% H ₂ O < 0.05% Free Alkalinity < 0.00005% Free Acid < 0.002% Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000001% Fe < 0.00001%	Mg < 0.00001% Mn < 0.000001% Ni < 0.000002% Pb < 0.000002% Sn < 0.00001% Zn < 0.00001% Cl ⁻ < 0.00005% SO ₄ < 0.0001% Acetaldehyde < 0.001% Acetone < 0.001% Ethanol < 0.1% Formaldehyde < 0.01% Subst. red. KMnO ₄ < 0.00025% Density 0.791 - 0.793g/ml	Carbonyl comp. < 0.005% Res. on evap. < 0.001% R.C.S. Subs. dark. by H ₂ SO ₄ Solub. in H ₂ O Colour (Hazen) < 10Apha Acidity < 0.0003Meq/g Alkalinity < 0.0002Meq/g Abs. (230 nm) < 0.15nm Abs. (250 nm) < 0.05nm Abs. (270 nm) < 0.02nm Abs. (290 nm) < 0.01nm	MTOL-OIA-1K0	1 L	
			MTOL-OIA-2K5	2,5 L	
			MTOL-OIA-P04	4x2,5 L	
			MTOL-OIA-5K0	5 L	
METHANOL GC/HPLC GGR	INSTRUKEM	reference	packaging	price	
UV-abs. max. lim. (220 nm) < 0.25 UV-Abs. max. lim. (230 nm) < 0.15 UV-Abs. max. lim. (254 nm) < 0.02 UV-Abs. max. lim. (280 nm) < 0.01 Grad. Elut. test passes test UV Cutoff < 205nm Assay > 99.9%	Colour (Hazen) < 10 H ₂ O (by KF) < 0.05% Res. on evap. < 0.0003% Titr. acid < 0.0003mEq/g Titr. base < 0.0002mEq/g Carbonyl comp. < 0.001% Subs. dark. by H ₂ SO ₄ passes test	Subst. red. KMnO ₄ passes test Solub. in H ₂ O passes test ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (205 nm) < 1.00 LC Grad. Suit.	MTOL-0GH-2K5	2,5 L	
			MTOL-0GH-P04	4x2,5 L	
			MTOL-0GH-4K0	4 L	
			MTOL-0GH-PG4	4x4 L	
METHANOL LC/MS LGR	INSTRUKEM	reference	packaging	price	
Assay > 99.9% App. Clear colourless liquid H ₂ O (by KF) < 0.05% Colour (Hazen) < 10 Acid. (Acetic acid) < 0.0003% Alkal. (Ammonia) < 0.0002% Res. on evap. < 0.001% Grad. elut. H. Peak (254 nm) < 0.002AU T220nm > 60% T235nm > 85% T260nm > 98% LC Grad. Suit. Passes test Ni < 0.000002% Ba < 0.00001% Fe < 0.00001%	Al < 0.00005% Ca < 0.00001% Cr < 0.000002% Cu < 0.000001% Mn < 0.000001% Co < 0.000002% Mg < 0.00001% Na < 0.00001% K < 0.00001% Pb < 0.000002% Cd < 0.000005% Ag < 0.00001% Sn < 0.00001% Zn < 0.00001%		MTOL-LCM-2K5	2,5 L	
			MTOL-LCM-P04	4x2,5 L	



METHYL ETHYL KETONE

MW: 72.11 CAS: 78-93-3 EC: 201-159-0 EC INDEX: 606-002-00-3 TARIC code: 29141200 Restriction: Drugs precursor Cat. 3



IMDG: 3 II UN 1193 ADR: 3 II UN 1193 (D/E) IATA: 3 II UN 1193

METHYL ETHYL KETONE 99.5% GLR	BASICHEM	reference	packaging	price
Assay > 99.5% App. Transp./yellowish liq. H_2O < 0.05% Acid. (Acetic acid) < 0.003% Colour (Hazen) < 10	Density at 20°C 0.804 - 0.807g/ml Ethan. impurities < 0.5% Res. on evap. < 0.005% Distillation range 78.5 - 81.0°C	MEKT-POP-1K0	1 L	
		MEKT-POP-5K0	5 L	
		MEKT-MOP-25K	25 L	

METHYL ORANGE *SEE P. 416***METHYL RED** *SEE P. 416***METHYLENE BLUE** *SEE P. 416***NAPHTALENE**

MW: 128,17 CAS: 91-20-3 EC: 202-049-5 EC INDEX: 601-052-00-2

IMDG: 4.1 III UN 1334 ADR: 4.1 III UN 1334 (E) IATA: 4.1 III UN 1334



NAPHTALENE 99.7% AGR	BASICHEM	reference	packaging	price
Melt. range 79.5 - 81°C	Assay > 99.7%	NANE-00A-500	500 g	

1-NAPHTOL

MW: 144,17 CAS: 90-15-3 EC: 201-969-4 EC INDEX: 604-029-00-5

IMDG: 6.1 III UN 2811 ADR: 6.1 III UN 2811 (E) IATA: 6.1 III UN 2811



1-NAPHTOL AGR	BASICHEM	reference	packaging	price	
Melt. range 95 - 97°C Assay > 99% Insol. (MeOH) < 0.01%	Cl ⁻ < 0.005% 2-Naphtol < 0.2% Naphthalene < 0.2%	H ₂ O < 0.2% Ash (SO ₂) < 0.01% Fe < 0.001%	Heavy metals (Pb) < 0.001%	NAOL-01A-100 100 g	

NESSLER'S REAGENT

CAS: 7783-33-7 EC: 231-990-4

IMDG: 8 (6.1) II UN 2922 ADR: 8 (6.1) II UN 2922 (E) IATA: 8 (6.1) II UN 2922



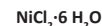
NESSLER'S REAGENT AGR	BASICHEM	reference	packaging	price
For NH ₃ App. Pale yellow coloured solution Sensit. to NH ₃ Passes test	This reagent should be allowed to settle before use. It is packed with a small amount of precipitate to maintain its sensitivity during storage.	NESS-00A-250	250 ml	



NICKEL (II) CHLORIDE HEXAHYDRATE

MW: 237,69 CAS: 7791-20-0 EC: 231-743-0 EC INDEX 028-011-00-6 UN 3288 TARIC code: 28273500

IMDG: 6.1 III UN 3288 ADR: 6.1 T5 III UN 3288 IATA: 6.1 III UN 3288

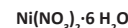


NICKEL (II) CHLORIDE HEXAHYDRATE AGR			BASICHEM	reference	packaging	price
Assay > 98%	Fe < 0.002%	Pb < 0.002%		NICH-06A-500	500 g	
App. Green/Crystal. powder	Cu < 0.001%	Cd < 0.005%				
Insol. matter < 0.005%	Co < 0.005%	Zn < 0.001%				

NICKEL (II) NITRATE HEXAHYDRATE

MW: 290,81 CAS: 13478-00-7 EC: 236-068-5

IMDG: 5.1 III UN 2725 ADR: 5.1 III UN 2725 (E) IATA: 5.1 III UN 2725



NICKEL (II) NITRATE HEXAHYDRATE EPR			BASICHEM	reference	packaging	price
Assay > 98.0	Cu < 0.002	Zn < 0.05		NINA-06T-250	250 g	
Cl < 0.003	Co < 0.02	SO ₄ < 0.01				
Fe < 0.005	Pb < 0.001					

NITRIC ACID

MW: 63.01 CAS: 7697-37-2 EC: 231-714-2 EC INDEX: 007-004-00-1 TARIC code: 28080000 Restriction: Explosives precursor

IMDG: 8 (5.1) II UN 2031 ADR: 8 (5.1) II UN 2031 (E) IATA: 8 (5.1) II UN 2031



NITRIC ACID 65% EPR			BASICHEM	reference	packaging	price
Assay > 65%	Heavy metals (Pb) < 0.0003%	Mn < 0.00005%		NIAC-50P-1K0	1 L	
Density at 20°C approx. - 1.4g/ml	As < 0.000003%	Ni < 0.0001%				
Ash (SO ₂) < 0.005%	Cr < 0.0002%	Pb < 0.0001%				
Cl < 0.0003%	Cu < 0.00005%	Zn < 0.00005%				
PO ₄ < 0.001%	Fe < 0.0005%					
SO ₄ < 0.001%	Mg < 0.0001%					
NITRIC ACID 65% AGR ISO			BASICHEM	reference	packaging	price
Assay > 65%	Ca < 0.0001%	Fe < 0.00002%	Cl < 0.00005%	NIAC-5IA-1K0	1 L	
Res. on ignition < 0.0005%	Cd < 0.000001%	Pb < 0.00005%	PO ₄ < 0.00005%	NIAC-5IA-2K5	2,5 L	
As < 0.000001%	Cu < 0.000005%	Zn < 0.00001%	SO ₄ < 0.0001%	NIAC-5IA-P04	4x2,5 L	
NITRIC ACID 70% AGR			BASICHEM	reference	packaging	price
Assay > 69%	Res. on ignition < 0.00025%	Mn < 0.000001%	Zn < 0.000005%	NIAC-00A-1K0	1 L	
PO ₄ < 0.0002%	Fe < 0.00001%	Mg < 0.00001%		NIAC-00A-2K5	2,5 L	
Density at 20°C 1.41g/ml	Cu < 0.000001%	As < 0.000001%		NIAC-00A-P04	4x2,5 L	
Cl < 0.00005%	SO ₄ < 0.0002%	Pb < 0.000001%				
NITRIC ACID 67-69% TGR FOR TRACE ANALYSIS (PPB)			INSTRUKEM	reference	packaging	price
Assay 67 - 69%	Ba < 0.00000001%	Li < 0.00000001%	Pt < 0.00000005%	NIAC-TGR-2K5	2,5 L	
Use within 15 months of opening, up to unopened expiration date	B < 0.0000001%	Mg < 0.0000001%	Ag < 0.00000001%			
Sb < 0.00000005%	Ni < 0.00000005%	Na < 0.00000001%	Rh < 0.00000005%			
Cl < 0.00002%	Fe < 0.0000001%	As < 0.00000005%	Sn < 0.00000005%			
Be < 0.00000001%	Al < 0.0000001%	Mo < 0.00000001%	Zn < 0.00000005%			
Colour (Hazen) < 10	Ca < 0.0000001%	Pb < 0.00000001%	W < 0.00000001%			
S < 0.00003%	Cr < 0.0000001%	Pd < 0.00000005%	P < 0.000001%			
Bi < 0.00000001%	Cu < 0.00000005%	Hg < 0.00000001%				
	Mn < 0.00000001%	Sr < 0.00000001%				
	Co < 0.00000005%	Cd < 0.00000005%				



PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label



GRADES, FAMILIES and PACKAGING information on p. 352

NITRIC ACID, VOLUMETRIC SOLUTIONS



MW: 63.01 CAS: 7697-37-2 EC: 231-714-2 EC INDEX: 007-004-00-1 TARIC code: 28080000 Restriction: Explosives precursor

IMDG: 8 (5.1) II UN 2031 ADR: 8 (5.1) II UN 2031 (E) IATA: 8 (5.1) II UN 2031

HNO_3



NITRIC ACID, VOLUMETRIC SOLUTION 1.0 M (1.0 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N	Tolerance (M) 0.001M Tolerance (N) 0.001N	NIAC-1V0-1K0	1 L	

P-NITROANILINE

MW: 138.12 CAS: 100-01-6 EC: 202-810-1 EC INDEX: 612-012-00-9

IMDG: 6.1 II UN 1661 ADR: 6.1 II UN 1661 (D/E) IATA: 6.1 II UN 1661

$\text{C}_6\text{H}_6\text{N}_2\text{O}_2$



P-NITROANILINE AGR	BASICHEM	reference	packaging	price
Assay > 99%	Melt. range 147 - 149°C Ash < 0.05%	NIAN-POA-100	100 g	

2-NITROBENZALDEHYDE

MW: 151.12 CAS: 552-89-6 EC: 209-025-3

$(\text{NO}_2)\text{C}_6\text{H}_4\text{CHO}$



2-NITROBENZALDEHYDE 99% AGR	BASICHEM	reference	packaging	price
Assay (Hydroxylamine titration) > 99%	Melting range 41 - 45°C	NIBZ-00A-025	25 g	

OLEIC ACID

MW: 282.47 CAS: 112-80-1 EC: 204-007-1

$\text{C}_{17}\text{H}_{33}\text{COOH}$

OLEIC ACID EPR	BASICHEM	reference	packaging	price
App. Pale yellow oily liquid Ash < 0.01% Min. acid Passes test	Iodine number 89 - 95% Neut. fat Passes test Acid num. 196 - 204 Peroxides < 10%	OLAC-00T-500	500 ml	

ORTOPHOSPHORIC ACID 85%

MW: 98.00 CAS: 7664-38-2 EC: 231-633-2 EC INDEX: 015-011-00-6

IMDG: 8 III UN 1805 ADR: 8 III UN 1805 (E) IATA: 8 III UN 1805

H_3PO_4




ORTOPHOSPHORIC ACID 85% EPR	BASICHEM	reference	packaging	price
Assay 84 - 87% Density at 20°C 1.700g/ml		ORAC-00P-1K0	1 L	
		ORAC-00P-2K5	2,5 L	
ORTOPHOSPHORIC ACID 85% AGR	BASICHEM	reference	packaging	price
Assay 84 - 87% SO_4 < 0.01%	Fe < 0.002% Pb < 0.002% Density at 20°C < 1.7g/ml	ORAC-00A-1K0	1 L	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY

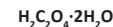




REQUIRES REFRIGERATED TRANSPORTATION

ORTOPHOSPHORIC ACID 85% AGR ACS, ISO, PH.EUR.			BASICHEM	reference	packaging	price
Assay > 85%	SO ₄ < 0.003%	Mg < 0.001%		ORAC-OIA-1K0		1 L
Volatile Acids < 0.001%	SiO ₂ < 0.025%	Na < 0.025%				
Subst. red. KMnO ₄ < 0.001%	Ni < 0.0001%	K < 0.0005%				
Cl < 0.0002%	Fe < 0.0005%	As < 0.00005%				
Sb < 0.0002%	Heavy metals (Pb) < 0.0005%	Pb < 0.0001%				
Colour (Hazen) < 10	Ca < 0.005%	Cd < 0.0001%				
F < 0.0001%	Cu < 0.0001%	Zn < 0.0002%				
NO ₃ < 0.0003%	Mn < 0.00005%					
H ₃ PO ₃ < 0.002%	Co < 0.0001%					

OXALIC ACID DIHYDRATE

MW: 126,07 CAS: 6153-56-6 EC: 205-634-3 EC INDEX: 607-006-00-8



OXALIC ACID DIHYDRATE AGR			BASICHEM	reference	packaging	price
Assay 99.5 - 102.5	Fe < 0.0002%	Cu < 0.0005%		OXAC-02A-500		500 g
Insol. matter < 0.005%	Res. on ignition < 0.01%	Mg < 0.002%		OXAC-02A-1K0		1 kg
Total N < 0.001%	Heavy metals (Pb) < 0.0005%	Pb < 0.0005%				
Cl < 0.0005%	SO ₄ < 0.005%					
Subs. dark. by H ₂ SO ₄	Ca < 0.001%					

OXALIC ACID, VOLUMETRIC SOLUTIONS



MW: 126,07 CAS: 6153-56-6



OXALIC ACID, VOLUMETRIC SOLUTION 0.05 M (0.1 N) VSA			BASICHEM	reference	packaging	price
Concentration (M) 0.0499 - 0.0501M	Tolerance (M) 0.0001M			OXAC-01V-1K0		1 L
Concentration (N) 0.0998 - 0.1002N	Tolerance (N) 0.0002N					

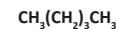
PARAFFIN, LIGHT LIQUID

CAS: 8042-47-5 EC: 232-455-8


PARAFFIN, LIGHT LIQUID GLR PH.EUR.			BASICHEM	reference	packaging	price
Identification Conforms	Acid. or alk. Passes test	PAH Passes test		PALI-POP-1K0		1 L
App. Colourless/transp./oily liquid free from fluoresc.in daylight	Rel. dens. 0.81 - 0.875	Readily carbonis. subs. Passes test		PALI-POP-5K0		5 L
	Viscosity 50 - 64 mPa.	Solid paraffins Passes test				

N-PENTANE

MW: 72.15 CAS: 109-66-0 EC: 203-692-4 EC INDEX: 601-006-00-1 TARIC code: 29011000 Restriction: Hydrocarbons



IMDG: 3 II UN 1265 ADR: 3 II UN 1265 (D/E) IATA: 3 II UN 1265

N-PENTANE AGR			BASICHEM	reference	packaging	price
Assay > 99	Ni < 0.000002%	Cr < 0.0000002%		PENT-00A-1K0		1 L
H ₂ O < 0.01%	Res. on evap. < 0.001%	Cu < 0.0000002%				
S < 0.005%	Fe < 0.00001%	Mn < 0.000002%				
Acidity < 0.0005%	Al < 0.00005%	Co < 0.000002%				
Ba < 0.00001%	Ca < 0.00005%	Mg < 0.00001%				
		Pb < 0.00001%				
		Cd < 0.000005%				
		Sn < 0.00001%				
		Zn < 0.00001%				

PEPTONE FROM CASEIN *SEE P. 48*



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GRADES, FAMILIES and PACKAGING information on p. 352

PERCHLORIC ACID 60%

MW: 100.46 CAS: 7601-90-3 EC: 231-512-4 EC INDEX: 017-006-00-4

IMDG: 5.1 (8) | UN 1873 ADR: 5.1 (8) | UN 1873 (B/E) IATA: 5.1 (8) | UN 1873

HClO₄

PERCHLORIC ACID 60% AGR ACS ISO PH.EUR.	BASICHEM	reference	packaging	price
Assay > 60% Be < 0.000002% Ge < 0.000005% Cl < 0.0003% Bi < 0.00001% SiO ₂ < 0.0005% Ni < 0.00001% Ba < 0.000002% SO ₄ < 0.001% Fe < 0.0001% Al < 0.000005% Ca < 0.00005% Cu < 0.00001% Mn < 0.000002% Co < 0.000005% Li < 0.000002% Mg < 0.00005% Na < 0.00005% K < 0.00001% Mo < 0.000005% As < 0.000005% Pb < 0.000005% Ti < 0.00001% Hg < 0.000005% Tl < 0.000005% Cd < 0.000005% Sr < 0.000002% V < 0.000005% Zr < 0.00001% ClO ₃ < 0.001% Ag < 0.000005% N < 0.001% Zn < 0.00001%		ACPE-60A-1K0	1 L	

PETROLEUM ETHER 40-60

CAS: 64742-49-0 EC: 265-151-9 EC INDEX: 649-328-00-1 TARIC code: 27101225 Restriction: Hydrocarbons

IMDG: 3 II UN 1268 ADR: 3 II UN 1268 (D/E) IATA: 3 II UN 1268



PETROLEUM ETHER 40-60 EPR	BASICHEM	reference	packaging	price
Res. on evap. < 0.001% H ₂ O < 0.01% Benzene < 0.001% S < 0.005% Destil.Range 40 - 60°C APP 0°C Passes test		PEET-40P-1K0	1 L	
		PEET-40P-2K5	2,5 L	
		PEET-40P-P04	4x2,5 L	
PETROLEUM ETHER 40-60 AGR	BASICHEM	reference	packaging	price
Non-Vol. Mat. < 0.001% H ₂ O < 0.01% Free Acid < 0.002% Colour < 10APHA Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.000002% Sn < 0.00001% Zn < 0.00001% Benzene < 0.01% Iodine Number < 0.3 S < 0.005% Density 0,640 - 0,65g/ml Boiling range > 90% Res. on evap. < 0.001%		PEET-40A-1K0	1 L	
		PEET-40A-2K5	2,5 L	
		PEET-40A-P04	4x2,5 L	
PETROLEUM ETHER 40-60 HPLC GGR	INSTRUKEM	reference	packaging	price
Water < 0.01% Acidity < 0.0005meq/q Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 210 nm > 60% UV-Tr. (1cm;Wat.) 220 nm > 80% UV-Tr. (1cm;Wat.) 230 nm > 90% UV-Tr. (1cm;Wat.) 240 nm > 98% UV-Tr. (1cm;Wat.) 250 nm > 99%		PEET-4GH-2K5	2,5 L	
		PEET-4GH-P04	4x2,5 L	

PH STANDARDS SEE P. 308-309

1,10-PHENANTHROLINE MONOHYDRATE SEE P. 416

PHENOL CRYSTALLIZED

MW: 94,11 CAS: 108-95-2 EC: 203-632-7 EC INDEX: 604-001-00-2

IMDG: 6.1 II UN 1671 ADR: 6.1 II UN 1671 (D/E) IATA: 6.1 II UN 1671

C₆H₅OH


PHENOL CRYSTALLIZED EPR	BASICHEM	reference	packaging	price
Assay (GC) > 98.0 Solidif. point 38 - 42°C App. White or pink crystals or mass		PHOL-00T-500	500 g	



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

PHENOL CRYSTALLIZED AGR ACS			BASICHEM	reference	packaging	price
Assay (GC) > 99.5 Solub. (5% in wat.) Clear/colourless solution Freezing point 40.5 - 41°C Res. on evap. < 0.02%	Insol. matter < 0.005% Cl ⁻ < 0.005% Fe < 0.0001% Pb < 0.001%	H ₂ O < 0.5% Stabilizer < 0.15% Phenol becomes pink on exposure to air and light.		PHOL-00A-500	 500 g	


PHENOL RED *SEE P. 417*

PHENOLPHTALEIN *SEE P. 417*

POTASSIUM BROMIDE

MW: 119,00 CAS: 7758-02-3 EC: 231-830-3


KBr 

POTASSIUM BROMIDE AGR			BASICHEM	reference	packaging	price
Assay > 99.5 Loss on dry. (105 °C) < 0.5% Insol. matter < 0.005% pH (5%) 5.0 - 8.8	Total N < 0.001% BrO ₃ ⁻ < 0.001% Cl ⁻ < 0.1% I ⁻ < 0.02%	SO ₄ ²⁻ < 0.005% Heavy metals (Pb) < 0.0005% Ba < 0.002% Ca < 0.001%	Fe < 0.0005% Mg < 0.001% Na < 0.05%	POBR-00A-500	 500 g	

POTASSIUM CARBONATE

MW: 138,21 CAS: 584-08-7 EC: 209-529-3


K₂CO₃


POTASSIUM CARBONATE AGR			BASICHEM	reference	packaging	price
Assay > 99% Insol. matter < 0.01% Total N < 0.001% Cl ⁻ and ClO ₃ ⁻ < 0.002%	PO ₄ ³⁻ < 0.001% Ca + Mg < 0.008% SiO ₂ < 0.004% SO ₄ ²⁻ < 0.004%	Fe < 0.001% Heavy metals (Pb) < 0.0005% As < 0.00005%		POCA-00A-500	 500 g	

POTASSIUM CHLORIDE

MW: 74.55 CAS: 7447-40-7 EC: 231-211-8

KCl

POTASSIUM CHLORIDE AGR ISO, ACS, PH. EUR.			BASICHEM	reference	packaging	price
Assay > 99.5% Ba < 0.001% Ca < 0.001% Fe < 0.0002%	Mg < 0.0005% Na < 0.02% Heavy met. (Pb) < 0.00005% Br < 0.01%	I ⁻ < 0.002% PO ₄ ³⁻ < 0.0005% SO ₄ ²⁻ < 0.002% N < 0.001%	Loss on dry. < 0.2% pH 5 - 8%	POCL-00A-1K0	 1 kg	


POTASSIUM CHLORIDE, ELECTRODE SOLUTIONS *SEE P. 308*

POTASSIUM CHROMATE

MW: 194,19 CAS: 7789-00-6 EC: 232-140-5 EC INDEX: 024-006-00-8 TARIC code: 28415000 Restriction: REACH Authorization

IMDG: 6.1 III UN 3288 ADR: 6.1 III UN 3288 (D/E) IATA: 6.1 III UN 3288

K₂CrO₄
  

POTASSIUM CHROMATE AGR ACS			BASICHEM	reference	packaging	price
Assay > 99.5 Insol. matter < 0.005%	pH (5%) 9 - 9.8 Cl ⁻ < 0.001%	Ca < 0.005% Na < 0.05%	Pb < 0.005% SO ₄ ²⁻ < 0.01%	POCH-00A-500	 500 g	

POTASSIUM CHROMATE SOLUTION, INDICATOR *SEE P. 417*



POTASSIUM DICHROMATE

MW: 294.19 CAS: 7778-50-9 EC: 231-906-6 EC INDEX: 024-002-00-6 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 6.1 (5.1) II UN 3086 ADR: 6.1 (5.1) II UN 3086 (D/E) IATA: 6.1 (5.1) II UN 3086



POTASSIUM DICHROMATE AGR ACS, ISO, PH.EUR.	BASICHEM	reference	packaging	price	
Assay > 99.8% Loss on dry. < 0.05% Ca < 0.002% Cu < 0.001%	Fe < 0.001% Na < 0.01% Pb < 0.005% Cl < 0.001%	SO ₄ < 0.005% Insol. matter < 0.005%	PODC-00A-250 	250 g	

POTASSIUM DICHROMATE, VOLUMETRIC SOLUTION

MW: 294.19 CAS: 7778-50-9 EC: 231-906-6 EC INDEX: 024-002-00-6 TARIC code: 28415000 Restriction: REACH Autorization



POTASSIUM DICHROMATE, VOLUMETRIC SOLUTION 0.0167 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Comp. 4.9032g K ₂ Cr ₂ O ₇ /L Concentration (20°C) (M) 0.01663 - 0.0167M Concentration (20°C) (N) 0.0998 - 0.1002N	Tolerance (M) 0.000033M Tolerance (N) 0.0002N	PODC-01V-1K0	 1 L	

POTASSIUM DIHYDROGEN PHOSPHATE

MW: 136,08 CAS: 7778-77-0 EC: 231-913-4



POTASSIUM DIHYDROGEN PHOSPHATE AGR	BASICHEM	reference	packaging	price	
Assay > 99.5% pH (5%) 4.3 - 4.5 Insol. matter < 0.01%	Cl < 0.0005% Total N < 0.001% Loss on dry. < 0.2%	Fe < 0.001% Heavy metals (Pb) < 0.001% SO ₄ < 0.002%	Na < 0.02%	PODP-00A-500 	500 g

POTASSIUM HEXACYANOFERRATE (II) TRIHYDRATE

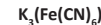
MW: 422,39 CAS: 14459-95-1 EC: 237-722-2



POTASSIUM HEXACYANOFERRATE (II) TRIHYDRATE AGR	BASICHEM	reference	packaging	price
Appearance/colour > Pale yellow crystalline powder Assay (by cerimetry) 98.5 - 102% Insol. matter < 0.005%	Cl < 0.01% SO ₄ < 0.01%	POHF-23A-500		500 g

POTASSIUM HEXACYANOFERRATE (III)

MW: 329,25 CAS: 13746-66-2 EC: 237-323-3



IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



POTASSIUM HEXACYANOFERRATE (III) AGR	BASICHEM	reference	packaging	price
Assay (by iodometry) > 99.0% App. Red crystals	Insol. matter < 0.005% Cl < 0.01%	SO ₄ < 0.01% (Fe(CN) ₆) ²⁻ < 0.05%	POHF-30A-500 	500 g

DI-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS

MW: 174.18 CAS: 7758-11-4 EC: 231-834-5



DI-POTASSIUM HYDROGEN PHOSPHATE ANHYDROUS AGR	BASICHEM	reference	packaging	price
App. Colourless crystals or powder Assay > 99% Insol. matter < 0.01% Loss on dry. < 1.0%	pH (5%, 20°C) 8.5 - 9.6 Total N < 0.002% Cl < 0.005% SO ₄ < 0.005%	Heavy metals (Pb) < 0.001% As < 0.0002% Fe < 0.001% Na < 0.5%	POHP-00A-500 	500 g



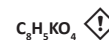
MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

POTASSIUM HYDROGEN PHTHALATE

MW: 204,22 CAS: 877-24-7 EC: 212-889-4



POTASSIUM HYDROGEN PHTHALATE AGR	BASICEM	reference	packaging	price	
App. White crystalline powder Assay (after drying) > 99.5% Insol. matter < 0.005% Loss on dry. (110 °C) < 0.2%	Cl ⁻ < 0.002% Phthalic acid < 0.005% SO ₄ < 0.005% Cu < 0.0005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005% Na < 0.01%	POPH-00A-500 	500 g	

POTASSIUM HYDROXYDE

MW: 56,11 CAS: 1310-58-3 EC: 215-181-3 EC INDEX: 019-002-00-8

IMDG: 8 II UN 1813 ADR: 8 II UN 1813 (E) IATA: 8 II UN 1813

KOH

POTASSIUM HYDROXYDE 85% EPR IN GRANULES OR FLAKES	BASICEM	reference	packaging	price	
Appearance/colour White to gray granule or flakes Assay > 85% Total N < 0.001%	Cl ⁻ < 0.01% PO ₄ < 0.003% SiO ₂ < 0.01% SO ₄ < 0.005%	CO ₃ (K ₂ CO ₃) < 1.5% Heavy metals (Pb) < 0.002% Al < 0.01% Ca < 0.003%	Fe < 0.001%	POHY-P0T-500 	500 g
			POHY-P0T-1K0 	1 kg	
POTASSIUM HYDROXYDE 85% AGR IN GRANULES OR FLAKES	BASICEM	reference	packaging	price	
Appearance/colour White to gray granule or flakes Assay > 85% Total N < 0.001% Cl ⁻ < 0.004% PO ₄ < 0.001%	SiO ₂ < 0.005% SO ₄ < 0.002% CO ₃ (K ₂ CO ₃) < 1.5% Heavy metals (Pb) < 0.001% Ag < 0.0005% Al < 0.001%	Ba < 0.0005% Ca < 0.001% Cd < 0.0005% Co < 0.0005% Cu < 0.0005% Fe < 0.001%	Mg < 0.0005% Mn < 0.0005% Na < 0.5% Ni < 0.0005% Sr < 0.0005% Zn < 0.0005%	POHY-P0A-500 	500 g
			POHY-P0A-1K0 	1 kg	
			POHY-P0A-5K0 	5 kg	

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTIONS

MW: 56.11 CAS: 1310-58-3 EC: 215-181-3 EC INDEX: 019-002-00-8

IMDG: 8 III UN 1814 ADR: 8 III UN 1814 (E) IATA: 8 III UN 1814

KOH

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICEM	reference	packaging	price
Concentration (20°C) (M) 0.0996 - 0.1004M Concentration (20°C) (N) 0.0996 - 0.1004N	Tolerance (M) 0.0004M Tolerance (N) 0.0004N		POHY-01V-1K0 	1 L
POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 1 M (1 N) VSA	BASICEM	reference	packaging	price
App. Colourless clear liquid Concentration (25°C) (M) 0.996 - 1.004M Concentration (25°C) (N) 0.996 - 1.004N	Tolerance (M) 0.004M Tolerance (N) 0.004N		POHY-1V0-1K0 	1 L

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTIONS IN ETHANOL

MW: 56.11

IMDG: 3 (8) II UN 2924 ADR: 3 (8) II UN 2924 (D/E) IATA: 3 (8) II UN 2924

KOH

POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) IN ETHANOL VSA	BASICEM	reference	packaging	price
Comp. 5.612 g KOH / L C ₂ H ₅ OH Concentration (20°C) (M) 0.0998 - 0.1002M Concentration (20°C) (N) 0.0998 - 0.1002N	Tolerance (M) 0.0002M Tolerance (N) 0.0002N		POHY-E1V-1K0 	1 L
POTASSIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.5 M (0.5 N) IN ETHANOL VSA	BASICEM	reference	packaging	price
Comp. 28.055g KOH / L C ₂ H ₅ OH Concentration (20°C) (M) 0.499 - 0.501M Concentration (20°C) (N) 0.499 - 0.501N	Tolerance (M) 0.001M Tolerance (N) 0.001N		POHY-E5V-1K0 	1 L



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GRADES, FAMILIES and PACKAGING information on p. 352

POTASSIUM IODIDE

KI

MW: 166,00 CAS: 7681-11-0 EC: 231-659-4



POTASSIUM IODIDE EPR PH.EUR.	BASICHEM	reference	packaging	price	
App. White granular material of small uniform particle size with free flowing characteristics Odour Odourless Assay > 99% Insol. matter < 0.01% pH (5%) 6 - 9.2	Loss on dry. (150 °C) < 0.3% IO ₃ < 0.001% Cl ⁻ and Br ⁻ (Cl) < 0.05% N Comp. (N) < 0.001% SO ₄ < 0.01% Heavy metals (Pb) < 0.001% PO ₄ < 0.005%	Ba < 0.005% Ca < 0.005% Na < 0.01% Mg < 0.005% Fe < 0.0006% Org. Volat. impur. conforms	POIO-00P-250	250 g	
			POIO-00P-500	500 g	
			POIO-00P-1K0	1 kg	

POTASSIUM IODIDE AGR ISO	BASICHEM	reference	packaging	price	
App. White granular material of small uniform particle size with free flowing characteristics Odour Odourless Assay > 99% Insol. matter < 0.005% pH (5%) 6 - 9.2	Loss on dry. (150 °C) < 0.2% IO ₃ < 0.0003% Cl ⁻ and Br ⁻ (Cl) < 0.01% SO ₄ < 0.005% N Comp. (N) < 0.001% Heavy metals (Pb) < 0.0005% PO ₄ < 0.001%	Ba < 0.002% Ca < 0.002% Na < 0.005% Mg < 0.001% Fe < 0.0003% Org. Volat. impur. conforms	POIO-00A-250	250 g	
			POIO-00A-1K0	1 kg	

POTASSIUM NITRATE

MW: 101,10 CAS: 7757-79-1 EC: 231-818-8 TARIC code: 28342100 Restriction: Explosives precursor

KNO₃

IMDG: 5.1 III UN 1486 ADR: 5.1 III UN 1486 (E) IATA: 5.1 III UN 1486



POTASSIUM NITRATE EPR	BASICHEM	reference	packaging	price	
Assay > 98.5% App. White powder Insol. matter < 0.005% H ₂ O < 0.5% Cl ⁻ < 0.002%	PO ₄ < 0.001% NH ₄ < 0.005% SO ₄ < 0.02% Fe < 0.001% Heavy metals (Pb) < 0.0005%	Ca < 0.002% Mg < 0.002% Na < 0.03% NO ₂ < 0.001%	PONA-00P-1K0	1 kg	

POTASSIUM NITRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% App. white powder Insol. matter < 0.005% H ₂ O < 0.2% Cl ⁻ < 0.001% pH (5%, 20°C) 5.5 - 8	PO ₄ < 0.0003% IO ₃ < 0.0005% SO ₄ < 0.003% Fe < 0.0002% NH ₄ < 0.005% Ca < 0.002%	Cu < 0.001% Mg < 0.001% Na < 0.02% NO ₂ < 0.0005% Pb < 0.001% Zn < 0.001%	PONA-00A-500	500 g	
			PONA-00A-1K0	1 kg	

POTASSIUM PERMANGANATE

MW: 158,04 CAS: 7722-64-7 EC: 231-760-3 EC INDEX: 025-002-00-9 TARIC code: 28416100 Restriction: Drugs precursor Cat. 2

KMnO₄

IMDG: 5.1 II UN 1490 ADR: 5.1 II UN 1490 (E) IATA: 5.1 II UN 1490



POTASSIUM PERMANGANATE AGR	BASICHEM	reference	packaging	price
Assay > 99.0% Insol. matter < 0.2%	Cl ⁻ < 0.005% SO ₄ < 0.02%	KMNO-00A-500	500 g	
		KMNO-00A-1K0	1 kg	



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POTASSIUM PERMANGANATE, VOLUMETRIC SOLUTIONS

MW: 158.04 CAS: 7722-64-7 EC: 231-760-3 TARIC code: 28416100 Restriction: Drugs precursor Cat. 2

KMnO₄

IMDG: 9 III UN 3082 ADR: 9 III UN 3082 (E) IATA: 9 III UN 3082



POTASSIUM PERMANGANATE 0.02 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Comp. 3.161 g KMnO ₄ / L Concentration (20°C) (M) 0.01996 - 0.02004M Concentration (20°C) (N) 0.0998 - 0.1002N	Tolerance (M) 0.00004M Tolerance (N) 0.0002N	KMNO-01V-1K0	1 L	

POTASSIUM SODIUM TARTRATE TETRAHYDRATE

MW: 282.22 CAS: 6381-59-5 EC: 205-698-2

C₄H₄KNaO₆·4H₂O

POTASSIUM SODIUM TARTRATE TETRAHYDRATE AGR	BASICHEM	reference	packaging	price
Assay 99 - 102% App. Colourless crystals or white powder Insol. matter < 0.01% Cl < 0.001% pH (5%, 20°C) 7 - 8.5 Subst. red. KMnO ₄ Passes test	NH ₄ < 0.002% SO ₄ < 0.01% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.002%	POST-00A-500 POST-00A-1K0	500 g 1 kg	

POTASSIUM SULPHATE

MW: 174.27 CAS: 7778-80-5 EC: 231-915-5

K₂SO₄

POTASSIUM SULPHATE AGR	BASICHEM	reference	packaging	price
Assay (by acidimetry) > 99% App. White/colourless cryst. Insol. matter < 0.01% pH (5%) 5.5 - 8.5 Cl < 0.001%	Total N < 0.001% Fe < 0.0005% Heavy metals (Pb) < 0.001% Ca < 0.005% Cu < 0.0005%	Mg < 0.002% Na < 0.02% As < 0.0001% Cd < 0.0005%	POSU-00A-500 500 g	

POTASSIUM THIOCYANATE

MW: 97,18 CAS: 333-20-0 EC: 206-370-1 EC INDEX: 615-004-00-3

KSCN

POTASSIUM THIOCYANATE AGR ACS	BASICHEM	reference	packaging	price
App. Colourless to white deliquescent crystals Assay > 98.5% Insol. matter < 0.005% pH (5%) 5.3 - 8.5 Cl < 0.005% SO ₄ < 0.005%	NH ₄ < 0.003% Fe < 0.0002% Heavy metals (Pb) < 0.0005% Na < 0.005% I consuming subst. Passes ACS test	POTH-00A-500	500 g	

1-PROPANOL

MW: 60,10 CAS: 71-23-8 EC: 200-746-9 EC INDEX: 603-003-00-0

CH₃CH₂CH₂OH

IMDG: 3 II UN 1274 ADR: 3 II UN 1274 (D/E) IATA: 3 II UN 1274



1-PROPANOL HPLC GGR	INSTRUKEM	reference	packaging	price
Assay > 99.5% Water (KF) < 0.05% Acidity < 0.0005meq/g Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 250 nm > 90% UV-Tr. (1cm;Wat.) 290 nm > 98% UV-Tr. (1cm;Wat.) 300 nm > 99%	PROL-1GH-2K5 PROL-1GH-P04	2,5 L 4 x 2,5 L	



2-PROPANOL

MW: 60,10 CAS: 67-63-0 EC: 200-661-7 EC INDEX: 603-117-00-0

IMDG: 3 II UN 1219 ADR: 3 II UN 1219 (D/E) IATA: 3 II UN 1219



2-PROPANOL 99.9% GLR		BASICHEM	reference	packaging	price
Assay > 99.9% App. Colourless transparent liquid Colour (Hazen) < 10 Water < 0.1%	Acid. (Acetic acid) < 0.001% Density at 20°C 0.784 - 0.786g/ml Refractive index 1.376 - 1.378 Non-Vol. Mat. < 0.001g/100ml		PROL-POP-1K0	1 L	
			PROL-GOP-1K0	1 L	
			PROL-POP-5K0	5 L	
			PROL-POP-10K	10 L	
			PROL-MOP-25K	25 L	
2-PROPANOL AGR ACS, PH. EUR.		BASICHEM	reference	packaging	price
Assay > 99.8% Non-Vol. Mat. < 0.0005% H ₂ O < 0.1% Colour < 10Apha Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002%	Fe < 0.00001% Mg < 0.00001% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001% Na < 0.0001% S < 0.00005% Zn < 0.00001% Acetone < 0.002% Ethanol < 0.01% Methanol < 0.1% Carbonyl comp. < 0.002%	Subst. red. KMnO ₂ < 0.0005% Density 0.784 - 0.786g/ml Res. on evap. < 0.001% Solub. in H ₂ O Acidity < 0.0001meq/g Alkalinity < 0.0001meq/g Benzene < 0.002% Abs. (230 nm) < 0.3nm Abs. (250 nm) < 0.1nm Abs. (270 nm) < 0.03nm Abs. (290 nm) < 0.020nm Abs. (310 nm) < 0.01nm	PROL-0IA-1K0	1 L	
			PROL-0IA-2K5	2,5 L	
			PROL-0IA-P04	4x2,5 L	
			PROL-0IA-5K0	5 L	
			2-PROPANOL HPLC GGR		INSTRUKEM
ACS Spec. passes test UV Absorbance UV-Abs. max. lim. (205 nm) < 1.0% UV-Abs. max. lim. (220 nm) < 0.25% UV-Abs. max. lim. (230 nm) < 0.13% UV-Abs. max. lim. (254 nm) < 0.02%	Assay > 99.8% Colour (Hazen) < 10 Water (KF) < 0.1% Res. on evap. < 0.0005% Acidity < 0.0001mEq/g Carbonyl comp. < 0.002%		PROL-2GH-2K5	2,5 L	
			PROL-2GH-P04	4x2,5 L	
2-PROPANOL LC/MS LGR		INSTRUKEM	reference	packaging	price
Assay > 99.9% Filtered through 0.2 µm App. Clear colourless liquid H ₂ O (by KF) < 0.05% Colour (Hazen) < 5 Acid. (Acetic acid) < 0.002% Alkal. (Ammonia) < 0.002% Res. on evap. < 0.0005% Grad. elut. H. Peak (210 nm) < 0.002AU	Grad. elut. H. Peak (254 nm) < 0.002AU T210nm > 40% T220nm > 80% T230nm > 90% T250nm > 98% Ca < 0.00001% Mg < 0.00001% Na < 0.00001% K < 0.00001%		PROL-LCM-2K5	2,5 L	
			PROL-LCM-P04	4x2,5 L	

PROPIONIC ACID 99%

MW: 74.08 CAS: 79-09-4 EC: 201-176-3 EC INDEX: 607-089-00-0

IMDG: 8 (3) II UN 3463 ADR: 8 (3) II UN 3463 (D/E) IATA: 8 (3) II UN 3463



PROPIONIC ACID 99% EPR		BASICHEM	reference	packaging	price
Assay > 99% Assay > 99%	Density at 20°C 0.991 - 0.994g/ml Refractive index 1.386 - 1.388		PRAC-00T-500	500 ml	



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PUMICE STONE

CAS: 1332-09-8


PUMICE STONE, GRAINS 2-4 MM GLR	BASICEM	reference	packaging	price
Grains 2 - 4mm		PUMI-00P-250	 250 g	

PYRIDINE

MW: 79,10 CAS: 110-86-1 EC: 203-809-9 EC INDEX: 613-002-00-7

IMDG: 3 II UN 1282 ADR: 3 II UN 1282 (D/E) IATA: 3 II UN 1282



 C_5H_5N 

PYRIDINE AGR	BASICEM	reference	packaging	price
Assay > 99.5% Non-Vol. Mat. < 0.002 H_2O < 0.1% NH_3 < 0.001% Al < 0.00005% B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002% Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001% Zn < 0.00001% Cl < 0.0005% SO_4 < 0.005% Subst. red. $KMnO_4$ < 0.0005% Piperidine < 0.01% 2-Picoline < 0.2% Solub. (1 mg/mL H_2O) Passes test Res. on evap. < 0.002%		PYRI-00A-1K0	 1 L	

SALICYLIC ACID

MW: 138,12 CAS: 69-72-7 EC: 200-712-3





 HOC_6H_4COOH 

SALICYLIC ACID EPR	BASICEM	reference	packaging	price
App. White crystals Assay > 98.0% Melt. range 158 - 161°C Ash (SO_2) < 0.02%		SAAC-00P-500	 500 g	
SALICYLIC ACID AGR	BASICEM	reference	packaging	price
Assay > 99.5% Melt. range 159 - 161°C Solub. in EtOH Passes test Subs. carbon. by H_2SO_4 Passes test Cl ⁻ < 0.005% Ash (SO_2) < 0.02% Fe < 0.0005% SO_4 < 0.005% Heavy metals (Pb) < 0.0005%		SAAC-00A-500	 500 g	

SAND, CLEANED AND DRIED

MW: 60,1 CAS: 14808-60-7 EC: 238-878-4

 SiO_2

SAND, CLEANED AND DRIED, FINE, 0.1-0.6 MM AUX	BASICEM	reference	packaging	price
Round particles Assay (SiO_2) > 98.5% Density 2.5g/ml Part. Size 0.1 - 0.6mm Loss on ign. < 0.35% pH (20% suspension) 6.77 Al_2O_3 < 0.6% Fe_2O_3 < 0.15% CaO < 0.1% MgO < 0.35% Na_2O < 0.28% K_2O < 0.25% TiO_2 < 0.07% Heavy met. Exempt		SAND-001-1K0	 1 kg	
		SAND-001-5K0	 5 kg	
SAND, CLEANED AND DRIED, COARSE, 1-2 MM AUX	BASICEM	reference	packaging	price
Round particles Assay (SiO_2) > 98.5% Density 2.49g/ml Part. Size 1 - 2mm Loss on ign. < 0.35% pH (20% suspension) 6.87 Al_2O_3 < 0.6% Fe_2O_3 < 0.15% CaO < 0.1% MgO < 0.35% Na_2O < 0.28% K_2O < 0.25% TiO_2 < 0.07% Heavy met. Exempt		SAND-002-1K0	 1 kg	
		SAND-002-5K0	 5 kg	

SILICA GEL FOR DESICCATOR SEE P. 93**SILICA GEL FOR CHROMATOGRAPHY** SEE P. 220**SILICONE GREASE** SEE P. 139

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GRADES, FAMILIES and PACKAGING information on p. 352

SILICONE OIL *SEE P. 280***SILVER NITRATE**

MW: 169,87 CAS: 7761-88-8 EC: 231-853-9 EC INDEX: 047-001-00-2

IMDG: 5.1 II UN 1493 ADR: 5.1 II UN 1493 (E) IATA: 5.1 II UN 1493

AgNO₃

SILVER NITRATE AGR ACS	BASICHEM	reference	packaging	price
Assay > 99.9% Clarity of sol. Passes test Insol. matter < 0.003% Silver (Ag) > 63.4% Cl ⁻ < 0.0001%	pH 3.8 - 6 H ₂ O < 0.05% Fe < 0.0001% Ca < 0.0005% Cu < 0.0001%	NO ₂ < 0.0002% Pb < 0.0002% Subst not pptd by HCl < 0.01%	SINA-00A-025 25 g	
			SINA-00A-100 100 g	

SILVER NITRATE, VOLUMETRIC SOLUTION

MW: 169.87 CAS: 7761-88-8

IMDG: 8 III UN 3082 ADR: 8 III UN 3082 (E) IATA: 8 III UN 3082

AgNO₃

SILVER NITRATE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Composition 16.987g AgNO ₃ /L Concentration (20°C) (M) 0.0998 - 0.1002M Concentration (20°C) (N) 0.0998 - 0.1002N	Tolerance (M) 0.0002M Tolerance (N) 0.0002N	SINA-01V-1K0	1 L	

SILVER SULFATE

MW: 311.8 CAS: 10294-26-5 EC: 233-653-7

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

Ag₂SO₄

SILVER SULFATE AGR	BASICHEM	reference	packaging	price
Assay > 99.5% NO ₃ < 0.001%	Ni < 0.001% Cl ⁻ < 0.001%	Fe < 0.001% Cu < 0.0005%	Pb < 0.001% Zn < 0.0005%	SISU-00A-025 25 g

SODIUM ACETATE ANHYDROUS

MW: 82.03 CAS: 127-09-3 EC: 204-823-8

CH₃COONa

SODIUM ACETATE ANHYDROUS EPR	BASICHEM	reference	packaging	price
Assay 99 - 101% Formic acid < 0.1% As < 0.0002% Hg < 0.00001% Heavy met. < 0.001%	pH (1%) 8 - 9.5 Loss on dry. < 0.5% Pb < 0.0002% Cd < 0.0001% Ca + Mg < 0.005%	Cl ⁻ < 0.03% Fe < 0.0003% K < 0.05% SO ₄ < 0.005% Acetic acid < 0.5%	App. white/hygrosc. powd. Insol. matter < 0.05%	SOAC-A0P-500 500 g
			SOAC-A0P-1K0 1 kg	
SODIUM ACETATE ANHYDROUS AGR	BASICHEM	reference	packaging	price
Assay > 99% pH (5%) 7 - 9.2 Insol. matter < 0.01% Cl ⁻ < 0.002%	PO ₄ < 0.0005% Fe < 0.0005% Al < 0.001% Ca < 0.001%	SO ₄ < 0.002% Cu < 0.0005% Mg < 0.0005% K < 0.03%	Pb < 0.0005%	SOAC-A0A-500 500 g

SODIUM ACETATE TRIHYDRATE

MW: 136.08 CAS: 6131-90-4 EC: 204-823-8

CH₃COONa·3H₂O

SODIUM ACETATE TRIHYDRATE EPR	BASICHEM	reference	packaging	price
Assay > 98% App. colourless crystals Insol. matter < 0.01% pH (5%, 20°C) 7.5 - 9.5	Cl ⁻ < 0.005% Fe < 0.001% Al < 0.001% SO ₄ < 0.01%	Ca < 0.005% Cu < 0.005% Mg < 0.002% Pb < 0.005%	Zn < 0.005%	SOAC-03P-1K0 1 kg



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SODIUM ACETATE TRIHYDRATE AGR				BASICHEM	reference	packaging	price
Assay > 99%	Subst. red. KMnO_4 < 0.005%	Fe < 0.0005%	Mg < 0.0005%		SOAC-03A-500		500 g
pH (5%, 20°C) 7.5 - 9.2	Cl ⁻ < 0.001%	SO_4 < 0.002%	K < 0.005%				
Insol. matter < 0.005%	PO_4 < 0.0005%	Ca < 0.001%	Pb < 0.0005%				

SODIUM CARBONATE ANHYDROUS

MW: 105,99 CAS: 497-19-8 EC: 207-838-8 EC INDEX: 011-005-00-2

 Na_2CO_3 








SODIUM CARBONATE ANHYDROUS EPR				BASICHEM	reference	packaging	price
Assay > 99%	SO_4 < 0.04%	Hg < 0.0001%			SOCA-00P-500		500 g
Loss on dry. < 1.0%	Fe < 0.0035%	Pb < 0.0002%					
Cl ⁻ < 0.3%	As < 0.0002%	Density approx. 0.48 - 0.61g/ml					
					SOCA-00P-1K0		1 kg
					SOCA-00P-5K0		5 kg

SODIUM CARBONATE ANHYDROUS AGR				BASICHEM	reference	packaging	price
Assay 99.5 - 100.5%	EP and USP Conforms	Heavy metals (Pb) < 0.001%			SOCA-A0A-500		500 g
Loss on dry. (300 °C) < 1%	FCC (FDA) Conforms	As < 0.0003%					
H_2O < 0.5%	Fe < 0.001%	Pb < 0.0002%					
Cl ⁻ < 0.0125%	SO_4 < 0.003%	Hg < 0.0001%					

SODIUM CHLORIDE

MW: 58,44 CAS: 7647-14-5 EC: 231-598-3

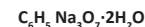
NaCl


SODIUM CHLORIDE EPR				BASICHEM	reference	packaging	price	
Assay > 99.8%	Heavy metals (Pb) < 0.001%				SOCH-00T-500		500 g	
Res. on roast. < 1.5%								SO_4 < 0.01%
Insol. matter < 0.01%					Ba < 0.008%	Mg < 0.005%		
Total N < 0.002%					K < 0.05%	As < 0.0001%		
I ⁻ < 0.012%					SOCH-00T-1K0		1 kg	
Ba < 0.01%								
Fe < 0.001%								
SODIUM CHLORIDE AGR				BASICHEM	reference	packaging	price	
App. Colourless crystals / white powder	Heavy met. < 0.0005%				SOCH-00A-500		500 g	
Assay > 99.9%								As < 0.00005%
Insol. matter < 0.005%								Ba < 0.003%
pH (5%, 20°C) 5.0 - 8.0					Ca < 0.004%	Fe < 0.0005%		
Loss on roast. < 1.0%					K < 0.03%	Mg < 0.002%		
N < 0.001%					Abs. of Cu/Ni Passes test			
Halid. (Br, I, F) < 0.1%								
SO_4 < 0.003%								
					SOCH-00A-1K0		1 kg	
					SOCH-00A-5K0		5 kg	
SODIUM CHLORIDE FOR SALT SPRAY CHAMBER ASTM B117-19 / ISO-9227:2022 AGR				BASICHEM	reference	packaging	price	
Assay > 99.6%	Cu, Ni, Pb < 0.005%	Total Imp. < 0.2%	The salt does not contain anti-caking agents		SOCH-05A-5K0		5 kg	
NaI < 0.1%								
Halid. (Br, I, F) < 0.1%								
Cu < 0.00003%								
Ni < 0.001%								
					SOCH-05A-25K		25 kg	



TRI-SODIUM CITRATE DIHYDRATE

MW: 294,10 CAS: 6132-04-3 EC: 200-675-3




TRI-SODIUM CITRATE DIHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% pH (5%, 20°C) 7 - 9 Insol. matter < 0.005%	Cl ⁻ < 0.001% Ammo. salts (NH ₄) ⁺ < 0.001% PO ₄ ³⁻ < 0.002%	Fe < 0.0005% SO ₄ ²⁻ < 0.005% Pb < 0.0005%	SOCI-02A-500	 500 g	

SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS

MW: 119.98 CAS: 7558-80-7 EC: 231-449-2




SODIUM DIHYDROGEN PHOSPHATE ANHYDROUS AGR	BASICHEM	reference	packaging	price	
Assay > 99% App. White powder Insol. matter < 0.005%	pH (5%, 20°C) 4 - 4.5 Cl ⁻ < 0.003% Fe < 0.003%	Heavy metals (Pb) < 0.002% Ca < 0.005% SO ₄ ²⁻ < 0.005%	Cu < 0.005% K < 0.03% Zn < 0.005%	SODH-00A-500	 500 g

SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE

MW: 156,01 CAS: 13472-35-0




SODIUM DIHYDROGEN PHOSPHATE DIHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% App. colourless/white powd. Insol. matter < 0.005% pH (5%, 20°C) 4.1 - 4.5	Cl ⁻ < 0.001% Loss on dry. 22.8 - 24% Total N < 0.002% Fe < 0.002%	SO ₄ ²⁻ < 0.005% Heavy metals (Pb) < 0.001% Ca < 0.005% Mg < 0.001%	As < 0.0002%	SODH-02A-500	 500 g

SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE

MW: 137.99 CAS: 10049-21-5 EC: 231-449-2



SODIUM DIHYDROGEN PHOSPHATE MONOHYDRATE AGR	BASICHEM	reference	packaging	price	
Assay > 99% Insol. matter < 0.005% pH (5%, 20°C) 4.5	Total N < 0.002% Cl ⁻ < 0.001% Fe < 0.002%	Heavy metals (Pb) < 0.001% SO ₄ ²⁻ < 0.005% Ca < 0.005%	Mg < 0.001% As < 0.0001%	SODH-01A-500	 500 g

SODIUM HEXAMETAPHOSPHATE

CAS: 68915-31-1 EC: 272-808-3 TARIC code: 28353900






SODIUM HEXAMETAPHOSPHATE GLR	BASICHEM	reference	packaging	price
Assay (as P ₂ O ₅) 65 – 70%			SOHM-00P-500	 500 g

SODIUM HYDROGEN CARBONATE

MW: 84,01 CAS: 144-55-8 EC: 205-633-8



SODIUM HYDROGEN CARBONATE EPR	BASICHEM	reference	packaging	price
App. White powder Assay 99 - 101% Insol. matter < 0.02% pH (5%, 20°C) 8 - 8.6 Cl ⁻ < 0.01%	SO ₄ ²⁻ < 0.01% NH ₄ ⁺ < 0.002% Heavy metals (Pb) < 0.001% As < 0.0002% Al < 0.0002%	Ca < 0.01% Fe < 0.002% K < 0.04%	SOHC-00P-500	 500 g
			SOHC-00P-1K0	 1 kg
SODIUM HYDROGEN CARBONATE AGR	BASICHEM	reference	packaging	price
Assay 99 - 101% Subst. Red. I ₂ < 0.005% Insol. matter < 0.01% Cl ⁻ < 0.01%	PO ₄ ³⁻ < 0.002% NH ₄ ⁺ < 0.001% Fe < 0.001% SO ₄ ²⁻ < 0.005%	Heavy metals (Pb) < 0.0005% Ca < 0.005% Mg < 0.005% K < 0.005%	SOHC-00A-500	 500 g



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REQUIRES REFRIGERATED TRANSPORTATION

DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE

MW: 177.99 CAS: 10028-24-7 EC: 231-448-7



 $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$

DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE EPR		BASICHEM		reference	packaging	price
Assay > 98% Insol. matter < 0.01% pH (5%, 20°C) 8.7 - 9.3	Loss on dry. 19.5 - 21% Cl ⁻ < 0.002% Fe < 0.002%	Heavy metals (Pb) < 0.002% Cu < 0.002% SO ₄ < 0.02%	K < 0.01% Zn < 0.002%	SOPH-02P-1K0	 1 kg	
DI-SODIUM HYDROGEN PHOSPHATE DIHYDRATE AGR		BASICHEM		reference	packaging	price
Assay 99 - 101% Insol. matter < 0.005% pH (5%, 20°C) 8.9 - 9.2	Loss on dry. 19.5 - 21% Cl ⁻ < 0.001% Fe < 0.001%	Heavy metals (Pb) < 0.001% Cu < 0.001% SO ₄ < 0.005%	K < 0.005% Zn < 0.001%	SOPH-02A-500	 500 g	

DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE

MW: 358,14 CAS: 10039-32-4 EC: 231-448-7

 $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$

DI-SODIUM HYDROGEN PHOSPHATE DODECAHYDRATE EPR		BASICHEM		reference	packaging	price
Assay 98 - 102% App. White crystals/powder Insol. matter < 0.01% Cl ⁻ < 0.005%	Total N < 0.002% pH (5%, 20°C) 9 - 9.5 Fe < 0.002% SO ₄ < 0.02%	Heavy metals (Pb) < 0.002% As < 0.0005%		SOPH-12P-500	 500 g	
				SOPH-12P-1K0	 1 kg	









SODIUM HYDROXIDE

MW: 40,00 CAS: 1310-73-2 EC: 215-185-5 EC INDEX: 011-002-00-6

NaOH

IMDG: 8 II UN 1823 ADR: 8 II UN 1823 (E) IATA: 8 II UN 1823



SODIUM HYDROXIDE PEARLS 1-2 MM EPR		BASICHEM		reference	packaging	price
Assay > 98.0% Na ₂ CO ₃ < 1.0% Total N < 0.0007%	Cl ⁻ < 0.015% PO ₄ < 0.002% SiO ₂ < 0.008%	SO ₄ < 0.005% Heavy met. < 0.002% Al < 0.002%	Ca < 0.005% Fe < 0.0015%	SOHY-P0T-500	 500 g	
				SOHY-P0T-1K0	 1 kg	
SODIUM HYDROXIDE PEARLS 1-2 MM AGR		BASICHEM		reference	packaging	price
Assay > 98% Na ₂ CO ₃ < 0.7% Total N < 0.0005% Cl ⁻ < 0.005% PO ₄ < 0.001% SiO ₂ < 0.005%	SO ₄ < 0.003% Heavy metals (Pb) < 0.001% Ag < 0.0005% Al < 0.001% Ba < 0.0005% Ca < 0.001%	Cd < 0.0005% Co < 0.0005% Cu < 0.0005% Fe < 0.0005% Mg < 0.0005% Mn < 0.0005%	Ni < 0.0005% Pb < 0.0005% Sr < 0.0005% Zn < 0.0005%	SOHY-P0A-500	 500 g	
				SOHY-P0A-1K0	 1 kg	
				SOHY-P0A-5K0	 5 kg	
SODIUM HYDROXIDE AGR MICROPEARLS LOW IN METALS		BASICHEM		reference	packaging	price
Assay > 99.0% Na ₂ CO ₃ < 0.4% NaCl < 0.03% Na ₂ SO ₄ < 0.012%	As < 0.0001% Fe < 0.001% Hg < 0.00005% Ni < 0.005%	Pb < 0.00005% Ca < 0.001% Cr < 0.0002% Si < 0.002%		SOHY-M0P-500	 500 g	
				SOHY-M0P-1K0	 1 kg	
				SOHY-M0P-5K0	 5 kg	

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GRADES, FAMILIES and PACKAGING information on p. 352

SODIUM HYDROXIDE SOLUTION

MW: 40,00 CAS: 1310-73-2 EC: 215-185-5

NaOH

IMDG: 8 II UN 1824 ADR: 8 II UN 1824 (E) IATA: 8 II UN 1824



SODIUM HYDROXIDE 32% W/W AGR	BASICHEM	reference	packaging	price	
Assay (W/V) ~32% Composition 432g NaOH/l N < 0.0001% Cl ⁻ < 0.001%	Na ₂ CO ₃ < 0.5% S < 0.0001% CN < 0.0001% SiO ₂ < 0.01%	SO ₃ < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.0002% Al < 0.0005%	SOHY-32A-5K0	5 L	
SODIUM HYDROXIDE 40% W/W AGR	BASICHEM	reference	packaging	price	
App. Colourless liquid Assay 39 - 41% Density (20 °C/4 °C) Approx. -	1.43g/cm Cl ⁻ < 0.005% SO ₄ < 0.01%	Na ₂ CO ₃ < 0.1% Fe < 0.0005% Pb < 0.001%	SOHY-40A-5K0 SOHY-40A-10K	5 L 10 L	

SODIUM HYDROXIDE, VOLUMETRIC SOLUTIONS

MW: 40,00 CAS: 1310-73-2 EC: 215-185-5 EC INDEX: 011-002-00-6

NaOH

IMDG: 8 II UN 1824 ADR: 8 II UN 1824 (E) IATA: 8 II UN 1824



SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.0001M Tolerance (N) 0.0001N	SOHY-01V-1K0	1 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 0.5 M (0.5 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.4995 - 0.5005N	Tolerance (M) 0.0005M Tolerance (N) 0.0005N	SOHY-05V-1K0	1 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 1.0 M (1.0 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.999 - 1.001M Concentration (N) 0.999 - 1.001N	Tolerance (M) 0.001M Tolerance (N) 0.001N	SOHY-1V0-1K0	1 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 2.0 M (2.0 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 1.998 - 2.002M Concentration (N) 1.998 - 2.002N	Tolerance (M) 0.002M Tolerance (N) 0.002N	SOHY-2V0-1K0 SOHY-2V0-5K0	1 L 5 L	
SODIUM HYDROXIDE, VOLUMETRIC SOLUTION 5.0 M (5.0 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 4.995 - 5.005M Concentration (N) 4.995 - 5.005N	Tolerance (M) 0.005M Tolerance (N) 0.005N	SOHY-5V0-1K0	1 L	
SODIUM HYDROXIDE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.1 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Concentration after dilution to 1L (20°C) (M) 0.0998 - 0.1002M Concentration after dilution to 1L (20°C) (N) 0.0998 - 0.1002N		SOHY-01C-1K0	1 amp.	
SODIUM HYDROXIDE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 1.0 M (1.0 N) VSA	BASICHEM	reference	packaging	price
Concentration after dilution to 1L (20°C) (M) 0.998 - 1.002M Concentration after dilution to 1L (20°C) (N) 0.998 - 1.002N		SOHY-1C0-1K0	1 amp.	



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REQUIRES REFRIGERATED TRANSPORTATION

SODIUM IODIDE

MW: 149,89 CAS: 7681-82-5 EC: 231-679-3

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077

NaI



SODIUM IODIDE AGR ACS			BASICKEM	reference	packaging	price
Assay > 99.5% App. white crystalline powder. pH (5%) 6 - 9 Cl ⁻ and Br ⁻ (Cl) < 0.01%	IO ₃ < 0.0003% PO ₄ < 0.001% Loss on dry. (105 °C) < 0.5% SO ₄ < 0.005%	Fe < 0.0005% Heavy metals (Pb) < 0.0005% Ca < 0.002% K < 0.01%		SOIO-00A-100	100 g	

SODIUM METABISULFITE

MW: 190.11 CAS: 7681-57-4 EC: 231-673-0 EC INDEX: 016-063-00-2

Na₂S₂O₅

SODIUM METABISULFITE AGR			BASICKEM	reference	packaging	price
Assay > 98% App. white/crystalline powder Insol. matter < 0.005%	Cl ⁻ < 0.005% Fe < 0.0005% Heavy metals (Pb) < 0.002%	As < 0.00005%		SOMB-00A-1K0	1 kg	

SODIUM MOLYBDATE DIHYDRATE

MW: 241,95 CAS: 10102-40-6 EC: 231-551-7

Na₂MoO₄·2H₂O

SODIUM MOLYBDATE DIHYDRATE AGR ACS			BASICKEM	reference	packaging	price
Assay 99 - 102% Insol. matter < 0.005% Reaction (pH) 7 - 10.5	Cl ⁻ < 0.001% NO ₃ < 0.005% PO ₄ < 0.001%	NH ₄ < 0.01% SO ₄ < 0.02% Fe < 0.001%	Cu < 0.002% Pb < 0.001%	SOMO-02A-100	100 g	

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GRADES, FAMILIES and PACKAGING information on p. 352

SODIUM NITRATE

MW: 84,99 CAS: 7631-99-4 EC: 231-554-3 TARIC code: 31025000 Restriction: Explosives precursor

IMDG: 5.1 III UN 1498 ADR: 5.1 III UN 1498 IATA: 5.1 III UN 1498



SODIUM NITRATE 99% EPR		BASICEM	reference	packaging		price
Assay > 99.5%	Cl ⁻ < 0.005%	Heavy metals (Pb) < 0.001%	SONA-00T-500		500 g	
Insol. matter < 0.01%	ClO ₃ ⁻ and ClO ₂ ⁻ (Cl) < 0.006%	Ca < 0.004%				
H ₂ O < 1.0%	PO ₄ ⁻ < 0.001%	Fe < 0.002%				
NO ₂ < 0.0005%	SO ₄ ⁻ < 0.02%	Mg < 0.003%				
SODIUM NITRATE AGR		BASICEM	reference	packaging		price
Assay > 99.5%	PO ₄ ⁻ < 0.0002%	Ca < 0.002%	SONA-00A-500		500 g	
App. white powder	ClO ₃ ⁻ and ClO ₂ ⁻ (Cl) < 0.003%	Mg < 0.001%				
Insol. matter < 0.005%	SO ₄ ⁻ < 0.003%	K < 0.005%				
pH (5%, 20°C) 5 - 7.5	Fe < 0.0002%	NO ₂ < 0.0002%				
Cl ⁻ < 0.0005%	Heavy metals (Pb) < 0.0005%					
H ₂ O < 1%	NH ₄ salts < 0.002%					

SODIUM NITRITE

MW: 69,00 CAS: 7632-00-0 EC: 231-555-9

IMDG: 5.1 (6.1) III UN 1500 ADR: 5.1 (6.1) III UN 1500 IATA: 5.1 (6.1) III UN 1500



SODIUM NITRITE AGR		BASICEM	reference	packaging		price
Assay > 98%	Fe < 0.001%	SO ₄ ⁻ < 0.015%	SONI-00A-500		500 g	
Insol. matter < 0.005%	Heavy metals (Pb) < 0.0005%					
Cl ⁻ < 0.01%	K < 0.005%					

SODIUM OXALATE

MW: 134,00 CAS: 62-76-0 EC: 200-550-3 EC INDEX: 607-007-00-3



SODIUM OXALATE AGR		BASICEM	reference	packaging		price
Assay > 99.8%	Cl ⁻ < 0.002%	Heavy metals (Pb) < 0.001%	SOOX-00A-500		500 g	
pH (3%) 7.5 - 8.5	Loss on dry. (105 °C) < 1%	SO ₄ ⁻ < 0.02%				
Total N < 0.001%	Fe < 0.0005%	K < 0.005%				

SODIUM SULFATE ANHYDROUS

MW: 142,04 CAS: 7757-82-6 EC: 231-820-9



SODIUM SULFATE ANHYDROUS EPR		BASICEM	reference	packaging		price
App. White powder	Loss on roast. < 1%	Ca < 0.01%	SOSU-00T-500		500 g	
Assay > 99%	Cl ⁻ < 0.005%	Fe < 0.001%				
Insol. matter < 0.02%	Heavy metals (Pb) < 0.0005%	K < 0.01%	SOSU-00T-1K0		1 kg	
pH (5%, 20°C) 5.2 - 7.5	As < 0.0002%	Mg < 0.002%				
SODIUM SULFATE ANHYDROUS AGR		BASICEM	reference	packaging		price
Assay > 99%	Total N < 0.0005%	Mg < 0.001%	SOSU-AGA-500		500 g	
Insol. matter < 0.01%	PO ₄ ⁻ < 0.005%	K < 0.005%				
pH (5%, 20°C) 5.2 - 7.5	Fe < 0.0005%	As < 0.0001%				
Res. on roast. < 0.5%	Heavy metals (Pb) < 0.0005%		SOSU-AGA-1K0		1 kg	
Cl ⁻ < 0.002%	Ca < 0.005%					



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REQUIRES REFRIGERATED TRANSPORTATION

SODIUM SULFITE ANHYDROUS

MW: 126,04 CAS: 7757-83-7 EC: 231-821-4




SODIUM SULFITE ANHYDROUS AGR	BASICHEM	reference	packaging	price
Appearance Colourless clear crystals - colourless clear crystals Assay > 96% insol. in water < 0.01% Cl ⁻ < 0.01%	Thiosulphate < 0.04% Carbonates (Na ₂ CO ₃) < 0.15% As < 0.00004% Ca < 0.005% Cu < 0.0005%	Fe < 0.001% Pb < 0.0005% Zn < 0.0005%	SOSL-00A-500  500 g	

DI-SODIUM TETRABORATE DECAHYDRATE

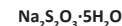
MW: 381.37 CAS: 1303-96-4 EC: 215-540-4 EC INDEX: 005-011-01-1







DI-SODIUM TETRABORATE DECAHYDRATE AGR	BASICHEM	reference	packaging	price
App. Colourless crystals/ white powder Assay 99.5 - 100.5% insol. in water < 0.005% pH (25°C) 9.15 - 9.20	Cl ⁻ < 0.001% PO ₄ ³⁻ < 0.001% SO ₄ ²⁻ < 0.005% Heavy metals (Pb) < 0.001%	Ca < 0.005% Fe < 0.0005%	BORX-00A-500  500 g	

SODIUM THIOSULFATE PENTAHYDRATE

MW: 248,21 CAS: 10102-17-7 EC: 231-867-5







SODIUM THIOSULFATE PENTAHYDRATE EPR	BASICHEM	reference	packaging	price
App. Colourless crystals Assay 99 - 101% Insol. matter < 0.01%	pH (5%, 20°C) 6 - 7.5 SO ₄ ²⁻ < 0.1% S < 0.0005%	Heavy metals (Pb) < 0.001% Ca < 0.005% Fe < 0.001%	K < 0.01% Mg < 0.005%	SOTH-05T-500  500 g
			SOTH-05T-1K0  1 kg	
SODIUM THIOSULFATE PENTAHYDRATE AGR	BASICHEM	reference	packaging	price
App. Colourless cryst. Assay 99.5 - 100.5% Insol. matter < 0.005% Reaction (pH) 6.0 - 7.5	N Comp. (N) < 0.002% Cl ⁻ < 0.01% SO ₄ ²⁻ < 0.05% S < 0.0001%	Pb < 0.0005% Ca < 0.002% Fe < 0.0005% K < 0.005%	Mg < 0.001%	SOTH-05A-500  500 g
			SOTH-05A-1K0  1 kg	

SODIUM THIOSULFATE, VOLUMETRIC SOLUTIONS

MW: 158,11 CAS: 10102-17-7 EC: 231-867-5





SODIUM THIOSULFATE, VOLUMETRIC SOLUTION 0.1 M (0.1 N) VSA	 BASICHEM	reference	packaging	price
Concentration (M) 0.0999 - 0.1001M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.0001M Tolerance (N) 0.0001N	SOTH-01V-1K0	 1 L	
SODIUM THIOSULFATE, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.1 M (0.1 N) VSA	 BASICHEM	reference	packaging	price
Conc. after dil. to 1L (20°C) (M) 0.0998 - 0.1002M	Conc. after dil. to 1L (20°C) (M) 0.0998 - 0.1002M	SOTH-01C-1K0	 1 amp.	

SODIUM TRISILICATE, SOLUTION

CAS: 1344-09-8 EC: 215-687-4



SODIUM TRISILICATE, SOLUTION GLR	 BASICHEM	reference	packaging	price
App. Colourless-grey liquid M. module SiO ₂ /Na ₂ O 2.4 - 2.6 SiO ₂ and Na ₂ O > 39%	Density at 20°C 1.45 - 1.48g/ml Fe ₂ O ₃ < 0.01% CaO < 0.1%	Viscosity (20°C) > 100cP Insol. in water, filt. glass < 0.02% Insol. in water, sediment. glass < 0.1%	SOTS-00P-1K0  1 L	



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GRADES, FAMILIES and PACKAGING information on p. 352

SOLVENTS FOR CHROMATOGRAPHY *SEE P. 222***STAINS AND DYES FOR HISTOLOGY/PATHOLOGY** *SEE P. 52***STARCH**

MW: (162,1)n CAS: 9005-84-9 EC: 232-686-4






STARCH AGR	 BASICHEM	reference	packaging		price
App. White powder Solub. in H ₂ O Passes test Sensitivity Passes test	Loss on dry. < 12% pH (6%,20°C) Approx. 6.5% Reducing subst. Passes test	Ash (SO ₄) < 0.4%	STAR-00A-500	 500 g	

STARCH, INDICATOR *SEE P. 418***D(+)-SUCROSE**

CAS: 57-50-1 MW: 342,29 EC: 200-334-9 TARIC code: 17019910





D(+)-SUCROSE AGR	BASICHEM	reference	packaging		price
Assay > 99.8% Insol. matter < 0.003% Res. on ignition < 0.01%	Cl < 0.001% SO ₄ < 0.005% Inv. sugr < 0.1%	SUCR-00A-500	 500 g		
		SUCR-00A-1K0	 1 kg		
		SUCR-00A-5K0	 5 kg		

SULFAMIC ACID

MW: 97,09 CAS: 5329-14-6 EC: 226-218-8 EC INDEX: 016-026-00-0

IMDG: 8 III UN 2967 ADR: 8 III UN 2967 (E) IATA: 8 III UN 2967



SULFAMIC ACID AGR	BASICHEM	reference	packaging		price
Assay 99.3 - 100.3% Insol. matter < 0.01% Res. on ignition < 0.01% Cl < 0.001%	Ni < 0.001% Fe < 0.0005% Heavy metals (Pb) < 0.001% Cu < 0.001%	SO ₄ < 0.05% Pb < 0.001%	SLAC-00A-250	 250 g	
			SLAC-00A-500	 500 g	

SULFUR POWDER

MW: 32,06 CAS: 7704-34-9 EC: 231-722-6

IMDG: 4.1 III UN 1350 ADR: 4.1 III UN 1350 (E) IATA: 4.1 III UN 1350



SULFUR POWDER AGR	BASICHEM	reference	packaging		price	
Assay > 99.9% App. Fine yellow powder	Acids (H ₂ SO ₄) < 0.005% Organic comp. < 0.015%	Ash < 0.02% Water < 0.1%	Solub. in NaOH Passes test As < 0.00001%	SUPW-00A-500	 500 g	



SULFURIC ACID

MW: 98.08 CAS: 7664-93-9 EC: 231-639-5 TARIC code: 28070000 Restriction: Drugs precursor Cat. 3 + Explosives

H₂SO₄

IMDG: 8 II UN 1830 ADR: 8 II UN 1830 (E) IATA: 8 II UN 1830

SULFURIC ACID 25% AGR	BASICHEM	reference	packaging	price
Assay > 25% Density at 20°C 1.176 - 1.180g/ml Res. on ignition < 0.001% NO ₂ < 0.0005% Cl ⁻ < 0.0001% NH ₄ < 0.0003%	Heavy metals (Pb) < 0.0002% Fe < 0.0001%	SUAC-25A-1K0	1 L	
SULFURIC ACID 91% FOR GERBER METHOD AGR	BASICHEM	reference	packaging	price
Assay > 91% Subst. red. KMnO ₄ < 0.0003% Se < 0.0003% NO ₃ < 0.001%	Cl ⁻ < 0.0001% NH ₄ < 0.0003% Res. on ignition < 0.001% Fe < 0.0001%	SUAC-90A-1K0 SUAC-90A-5K0	1 L 5 L	
SULFURIC ACID 95% (NITROGEN-FREE) AGR	BASICHEM	reference	packaging	price
Assay > 95% Density at 20°C approx 1.83g/ml Residue on roasting < 0.001% Substances reducing KMnO ₄ < 0.0003% Total Nitrogen does not contain% Chlorides (Cl) < 0.0001% Heavy metals (Pb) < 0.0002% Aluminum (Al) < 0.0001%	Arsenic (As) < 0.000005% Barium (Ba) < 0.00005% Calcium (Ca) < 0.00005% Cadmium (Cd) < 0.00005% Cobalt (Co) < 0.00005% Chromium (Cr) < 0.00005% Copper (Cu) < 0.00005% Iron (Fe) < 0.0001%	Magnesium (Mg) < 0.00005% Manganese (Mn) < 0.00005% Nickel (Ni) < 0.00005% Lead (Pb) < 0.0002% Selenium (Se) < 0.0003% Strontium (Sr) < 0.00005% Zinc (Zn) < 0.00005%	1 L	
SULFURIC ACID 95-98% EPR	BASICHEM	reference	packaging	price
Assay > 95% Subst. red. KMnO ₄ < 0.001% NO ₃ < 0.002% Cl ⁻ < 0.0005% NH ₄ < 0.001%	Res. on ignition < 0.005% Density at 20°C 1.832g/ml Fe < 0.0005% Heavy metals (Pb) < 0.0005% As < 0.00001%	SUAC-00T-1K0 SUAC-00T-2K5 SUAC-00T-5K0	1 L 2,5 L 5 L	
SULFURIC ACID 95-98% AGR	BASICHEM	reference	packaging	price
App. Clear/colourless liq. Assay > 95% Density at 20°C > 1.832g/ml Res. on ignition < 0.001% Subst. red. KMnO ₄ < 0.0003%	Cl ⁻ < 0.0001% NO ₃ < 0.001% Ni < 0.00005% Fe < 0.0001% Heavy metals (Pb) < 0.0002%	Ca < 0.00005% Cu < 0.00005% Mg < 0.00005% As < 0.000005% Pb < 0.0002%	SUAC-95A-1K0 SUAC-95A-2K5	1 L 2,5 L
SULFURIC ACID 95-97% AGR ISO	BASICHEM	reference	packaging	price
Assay 95 - 97% Res. on ignition < 0.0005% Cl ⁻ < 0.000005% NO ₃ < 0.00002% NH ₄ < 0.0001%	Subst. red. KMnO ₄ < 0.0002% As < 0.000003% Se < 0.0003% Cd < 0.00001% Cu < 0.00001%	Fe < 0.00002% Pb < 0.00001% Zn < 0.00001%	SUAC-6IA-1K0 SUAC-6IA-2K5 SUAC-6IA-P04	1 L 2,5 L 4x2,5 L
SULFURIC ACID 98% AGR	BASICHEM	reference	packaging	price
Assay > 98% Density at 20°C approx 1.836g/ml Res. on roast. < 0.001% Cl ⁻ < 0.0001% Subst. red. KMnO ₄ < 0.0003% NH ₄ < 0.0003% NO ₃ < 0.001%	Heavy metals (Pb) < 0.0002% Al < 0.0001% As < 0.000005% Ba < 0.00005% Ca < 0.00005% Cd < 0.00005% Cr < 0.00005%	Fe < 0.0001% Mg < 0.0002% Mn < 0.00005% Ni < 0.00005% Pb < 0.0002% Zn < 0.00005%	1 L	



SULFURIC ACID, VOLUMETRIC SOLUTIONS



MW: 98.08 CAS: 7664-93-9 EC: 231-639-5 TARIC code: 28070000 Restriction: Drugs precursor Cat. 3 + Explosives

H₂SO₄



IMDG: 8 II UN 2796 ADR: 8 II UN 2796 (E) IATA: 8 II UN 2796

SULFURIC ACID, VOLUMETRIC SOLUTION 0.05 M (0.1 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.04995 - 0.05005M Concentration (N) 0.0999 - 0.1001N	Tolerance (M) 0.00005M Tolerance (N) 0.0001N	SUAC-01V-1K0	1 L	
SULFURIC ACID, VOLUMETRIC SOLUTION 0.5 M (1.0 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.4995 - 0.5005M Concentration (N) 0.999 - 1.001N	Tolerance (M) 0.0005M Tolerance (N) 0.001N	SUAC-1V0-1K0	1 L	
SULFURIC ACID, VOLUMETRIC SOLUTION 1.0 M (2.0 N) VSA	BASICHEM	reference	packaging	price
Concentration (M) 0.999 - 1.001M Concentration (N) 1.998 - 2.002N	Tolerance (M) 0.001M Tolerance (N) 0.002N	SUAC-2V0-1K0	1 L	

SULFURIC ACID, CONCENTRATED VOLUMETRIC SOLUTIONS



MW: 98.08 CAS: 7664-93-9 EC: 231-639-5 TARIC code: 28070000 Restriction: Drugs precursor Cat. 3 + Explosives

H₂SO₄



IMDG: 8 II UN 2796 ADR: 8 II UN 2796 (E) IATA: 8 II UN 2796

SULFURIC ACID, CONCENTRATED TO PREPARE 1 L OF SOLUTION 0.5 M (1 N) VSA	BASICHEM	reference	packaging	price
Conc. after dil. to 1L (20°C) (M) 0.499 - 0.501M	Conc. after dil. to 1L (20°C) (N) 0.998 - 1.002N	SUAC-1C0-1K0	1 amp.	

SUPPLEMENTS FOR CULTURE MEDIA *SEE P. 46*

L(+)-TARTARIC ACID

MW: 150,08 CAS: 87-69-4 EC: 201-766-0

C₄H₆O₆



L(+)-TARTARIC ACID AGR	BASICHEM	reference	packaging	price
Assay > 99.5% Ash (SO ₄) < 0.02% Insol. matter < 0.005%	SO ₄ < 0.01% Fe < 0.0005% Heavy metals (Pb) < 0.0005% Pb < 0.0005%	TRAC-L0A-500	500 g	

TETRACHLOROETHYLENE

MW: 165,83 CAS: 127-18-4 EC: 204-825-9 EC INDEX: 602-028-00-4

C₂Cl₄



IMDG: 6.1 III UN 1897 ADR: 6.1 III UN 1897 IATA: 6.1 III UN 1897

TETRACHLOROETHYLENE 99.9% GLR	BASICHEM	reference	packaging	price
Assay > 99.9% App. Colourless/clear liquid Colour (Hazen) < 15 H ₂ O < 0.003%	Alkalinity < 0.003% Density at 20°C 1.62 - 1.625g/ml Stabilizer (N-methylmorpholine) 0.0006 - 0.002% Res. on evap. < 0.003%	TTCE-G0P-1K0	1 L	
		TTCE-P0P-5K0	5 L	
		TTCE-M0P-25K	25 L	



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REQUIRES REFRIGERATED TRANSPORTATION

TETRAHYDROFURAN

MW: 72.11 CAS: 109-99-9 EC: 203-726-8 EC INDEX: 603-025-00-0

IMDG: 3 II UN 2056 ADR: 3 II UN 2056 IATA: 3 II UN 2056

C₄H₈O

TETRAHYDROFURAN HPLC GGR	INSTRUKEM		reference	packaging	price
Assay > 99.8% Water (KF) < 0.02% Acidity < 0.0005meq/g	Res. on evap. < 0.0005% UV-Tr. (1cm;Wat.) 240 nm > 70% UV-Tr. (1cm;Wat.) 250 nm > 80%	UV-Tr. (1cm;Wat.) 260 nm > 90% UV-Tr. (1cm;Wat.) 270 nm > 98% UV-Tr. (1cm;Wat.) 280 nm > 99%	TETR-0GH-2K5	 2,5 L	
			TETR-0GH-P04	 4 x 2,5 L	

THYMOL BLUE SEE P. 418**TIN (II) CHLORIDE DIHYDRATE**

MW: 225,63 CAS: 10025-69-1 EC: 231-868-0

IMDG: 8 II UN 3260 ADR: 8 II UN 3260 (E) IATA: 8 II UN 3260

SnCl₂·2H₂O

TIN (II) CHLORIDE DIHYDRATE AGR	BASICHEM		reference	packaging	price
App. Colourless crystals Assay > 99% Insoluble in HCl < 0.05% Na+K+Ca < 0.02%	Fe < 0.002% As < 0.00005% Heavy met. < 0.01% SO ₄ < 0.0025%		TICH-02A-100	 100 g	

TIN, GRANULATED

MW: 118,71 CAS: 7440-31-5 EC: 231-141-8

Sn

TIN, GRANULATED AGR	BASICHEM		reference	packaging	price
Assay > 99% As < 0.04% Cu < 0.02%	Fe < 0.01% Pb < 0.05% Sb < 0.04%		TIMT-G0A-250	 250 g	

TOLUENE



MW: 92.14 CAS: 108-88-3 EC: 203-625-9 EC INDEX: 601-021-00-3 TARIC code: 29023000 Restriction: Drugs precursor Cat. 3 + Hydrocarbons

IMDG: 3 II UN 1294 ADR: 3 II UN 1294 (D/E) IATA: 3 II UN 1294

C₆H₅CH₃

TOLUENE GLR	BASICHEM		reference	packaging	price
Assay > 99.8% App. Clear liquid Colour (Hazen) < 20 Non-arom. Hydrocarb. < 0.2% Benzene < 0.02%	Acidity < 0.001% S comp.(SH ₂ , SO ₂) Not det. Density at 15 °C 0.869 - 0.873g/ml Boiling range 110.5 - 110.7°C Acid Wash Test < 1		TOLN-G0P-1K0	 1 L	
			TOLN-M0P-5K0	 5 L	
			TOLN-M0P-25K	 25 L	
TOLUENE AGR ACS, ISO, PH. EUR.	BASICHEM		reference	packaging	price
Assay > 99.5% Non-Vol. Mat. < 0.001% H ₂ O < 0.02% Colour < 10Apha Free Acid < 0.001% Free Alkalinity < 0.001% Al < 0.00005%	B < 0.000001% Ba < 0.00001% Ca < 0.00005% Cd < 0.000005% Co < 0.000002% Cr < 0.000002% Cu < 0.000002%	Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.00001% Sn < 0.00001% Zn < 0.00001%	S < 0.003% Thiophene < 0.0001% Density 0.865 - 0.869g/ml Res. on evap. < 0.001% R.C.S. Subs. dark. by H ₂ SO ₄	TOLN-00A-1K0	 1 L
			TOLN-00A-2K5	 2,5 L	
			TOLN-00A-P04	 4x2,5 L	




TOLUENE HPLC GGR			INSTRUKEM	reference	packaging	price
Assay > 99.8%	Res. on evap. < 0.0005%	UV-Tr. (1cm;Wat.) 330 nm > 97%		TOLN-0GH-2K5	 2,5 L	
Water (KF) < 0.02%	UV-Tr. (1cm;Wat.) 290 nm > 50%	UV-Tr. (1cm;Wat.) 350 nm > 98%		TOLN-0GH-P04	 4x2,5 L	
S compounds < 0.003%	UV-Tr. (1cm;Wat.) 300 nm > 80%					
Acidity < 0.0005meq/g	UV-Tr. (1cm;Wat.) 310 nm > 90%					

TRICHLOROACETIC ACID 99%

MW: 163,39 CAS: 76-03-9 EC: 200-927-2 EC INDEX: 607-004-00-7

IMDG: 8 II UN 1839 ADR: 8 II UN 1839 (E) IATA: 8 II UN 1839

CCl₃COOH


TRICHLOROACETIC ACID 99% AGR ACS			BASICHEM	reference	packaging	price
Assay > 99%	Cl ⁻ < 0.002%	Fe < 0.001%		TRCH-00A-500	 500 g	
Freezing point > 56°C	Subs. dark. by H ₂ SO ₄ Passes test	Res. on ignition < 0.02%				
Insol. matter < 0.005%	PO ₄ ³⁻ < 0.0005%	Heavy met. < 0.002%				
NO ₃ ⁻ < 0.002%	SO ₄ ²⁻ < 0.02%					

TRIETHYLAMINE

MW: 101,19 CAS: 121-44-8 EC: 204-469-4 EC INDEX: 612-004-00-5

IMDG: 3 (8) II UN 1296 ADR: 3 (8) II UN 1296 (D/E) IATA: 3 (8) II UN 1296




(C₂H₅)₃N

TRIETHYLAMINE 99.5% AGR			BASICHEM	reference	packaging	price
Assay > 99.5%	Cd < 0.000002%	Pb < 0.000002%		TRIE-00A-500	 500 ml	
Colour (Hazen) < 15APHA	Ca < 0.00005%	Mg < 0.000002%				
H ₂ O < 0.1%	Cr < 0.000002%	Mn < 0.000002%				
Res. on evap. < 0.01%	Co < 0.000002%	Ni < 0.000002%				
Al < 0.000005%	Cu < 0.000002%	K < 0.000005%				
Ba < 0.000002%	Fe < 0.00002%	Na < 0.00005%				
		Sr < 0.000002%				
		Zn < 0.00001%				
		UV Absorbance Passes test				
		Density at 20°C 0.727g/ml				

UREA

MW: 60,06 CAS: 57-13-6 EC: 200-315-5

CH₄N₂O

UREA EPR PH.EUR.			BASICHEM	reference	packaging	price
Assay (HPLC) 98.0 - 102.0%	Melt. range 132.0 - 135.0°C	NH ₃ < 0.05%		UREA-00P-500	 500 g	
ind. impurities	Insol. (EtOH) < 0.04%	Biuret < 0.1%		UREA-00P-1K0	 1 kg	
Total Imp.	Ash (SO ₄) < 0.1%					
Assay 98.5 - 101.5%	Loss on dry. (105 °C) < 1.0%					
UREA AGR ACS, BP, USP			BASICHEM	reference	packaging	price
App. White granules/crystal. powder	Alkalinity < 0.05ml N%	Fe < 0.0001%		UREA-00A-500	 500 g	
Assay > 99%	Ash (SO ₄) < 0.005%	Pb < 0.0002%				
Melt. range 131 - 134°C	Cl ⁻ < 0.0005%	Biuret < 0.1%				
Solub. in H ₂ O < 0.003%	SO ₄ ²⁻ < 0.001%					
Acidity < 0.05ml N%	Cu < 0.0001%					

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VANILLIN 99.9%

MW: 152,15 CAS: 121-33-5 EC: 204-465-2



VANILLIN 99.9% AGR				BASICHEM	reference	packaging	price
Assay > 99.9%	Melt. range 81 - 83°C	Insol. (EtOH) < 0.01%	Ash (SO ₂) < 0.01%		VANI-00A-100	100 g	

VASELINE, LIQUID

CAS: 8042-47-5 EC: 232-455-8

VASELINE, LIQUID AUX PH.EUR.				BASICHEM	reference	packaging	price
App. Colourless, transparent, oily / liquid, free from fluorescence in daylight Identification Conforms Acid. or alk. Passes test Rel. dens. 0.827 - 0.89g/ml	Viscosity 11.0 - 23.0mPa-s PAH Passes test Readily carbonis. subs. Passes test Solid paraffins Passes test				VALI-POP-1K0	1 L	

WATER

MW: 18.02 CAS: 7732-18-5 EC: 231-791-2



WATER EPR PH.EUR.				BASICHEM	reference	packaging	price
PH 5 - 6.5 Conductivity at 20 °C < 3.5µS/cm* *At the bottling time Micr. contam. (TAMC) < 100CFU/ml Heavy metals (Pb) < 0.00001%	NO ₃ < 0.00002% Oxidisable subs. Passes test TOC < 0.00001% Acid. or alk. Passes test Cl ⁻ Passes test	SO ₄ Passes test NH ₄ ⁺ < 0.00002% Ca + Mg Passes test Res. on evap. < 0.001%			WATR-00P-5K0	5 L	
					WATR-00P-20K	20 L	
					WATR-00P-25K	25 L	
Accessory for bag-in-box tap					WATR-TAP-001		

WATER ULTRAPURE AGR				BASICHEM	reference	packaging	price
H ₂ O-LF < 1µS/cm* *At the bottling time UV filtrated 0.4µm Non-Vol. Mat. < 0.0001% Cl ⁻ < 0.000005% F < 0.000005% NO ₃ ⁻ < 0.000001% PO ₄ ⁻³ < 0.000001% SiO ₂ < 0.000001% SO ₄ ⁻² < 0.000001% Ag < 0.00000004%	Al < 0.0000002% As < 0.0000002% Au < 0.0000001% B < 0.0000005% Ba < 0.0000001% Be < 0.0000002% Bi < 0.0000001% Ca < 0.0000005% Cd < 0.0000001% Co < 0.0000001% Cr < 0.0000004%	Cu < 0.00000004% Fe < 0.0000001% K < 0.0000005% Li < 0.0000002% Mg < 0.0000005% Mn < 0.0000004% Mo < 0.0000002% Na < 0.000001% Ni < 0.0000004% Pb < 0.0000001% Pt < 0.0000001%	Sb < 0.00000001% Se < 0.00000001% Sn < 0.0000001% Sr < 0.0000004% Ti < 0.0000001% V < 0.0000001% Zn < 0.0000004% Zr < 0.0000001% pH 5.0 - 7.5		WATR-00A-10K	10 L	

WATER GC/HPLC GGR				INSTRUKEM	reference	packaging	price
ACS Spec. passes test UV spectrophotometry UV-Abs. max. lim. (190 nm) < 0.01 UV-Abs. max. lim. (200 nm) < 0.01	UV-Abs. max. lim. (250-400 nm) < 0.005 UV Cutoff < 190nm LC Grad. Suit. Grad. Elut. test passes test	Colour (Hazen) < 5 Res. on evap. < 0.001%			WATR-00H-2K5	2,5 L	
					WATR-00H-P04	4x2,5 L	
					WATR-00H-4K0	4 L	
					WATR-00H-PG4	4x4 L	

WATER LC/MS LGR				INSTRUKEM	reference	packaging	price
App. Clear colourless liquid Reserpine < 0.000005% Colour (Hazen) < 10 Res. on evap. < 0.001%	LC Grad. Suit. Passes test T190nm > 97% T200nm > 98% T(250nm - 400nm) > 99%	Fe < 0.000005% Al < 0.000005% Ca < 0.000005% Mg < 0.000005%	Na < 0.000005% K < 0.000005%		WATR-LCM-2K5	2,5 L	
					WATR-LCM-P04	4x2,5 L	



PRODUCT OF SHORT SHELF LIFE, please read carefully the information regarding the expiry date on the label



GRADES, FAMILIES and PACKAGING information on p. 352

XYLENE (ISOMERS)



MW: 106.17 CAS: 1330-20-7 EC: 215-535-7 EC INDEX: 601-022-00-9 TARIC code: 29024400 Restriction: Hydrocarbons

IMDG: 3 III UN 1307 ADR: 3 III UN 1307 IATA: 3 III UN 1307



XYLENE (ISOMERS) GLR	BASICEM	reference	packaging	price	
App. Clear and colourless liquid Benzene < 0.01% 5 compounds Exempt Colour (Hazen) < 20	Density at 15 °C 0.865 - 0.875g/ml Ethylbenzene < 25% Distillation range 137 - 143°C Non-arom. Hydrocarb. < 1%	XYLN-POP-1K0	1 L		
		XYLN-GOP-1K0	1 L		
		XYLN-POP-5K0	5 L		
		XYLN-MOP-25K	25 L		
XYLENE (ISOMERS) AGR ACS, ISO, PH.EUR.	BASICEM	reference	packaging	price	
Assay > 99% Non-Vol. Mat. < 0.001% H ₂ O < 0.01% Free Acid < 0.0005% Free Alkalinity < 0.0005% Al < 0.00005%	B < 0.000002% Ba < 0.00001% Ca < 0.00005% Cd < 0.000002% Co < 0.000002% Cr < 0.000002%	Cu < 0.000002% Fe < 0.00001% Mg < 0.00001% Mn < 0.000002% Ni < 0.000002% Pb < 0.00001%	Sn < 0.00001% Zn < 0.00001% Benzene < 0.1% S < 0.003% Thiophene < 0.0001% Toluene < 0.1%	XYLN-GOA-1K0	1 L
				XYLN-GOA-2K5	2,5 L
				XYLN-GOA-P04	4x2,5 L

YEAST EXTRACT *SEE P. 51*

ZINC CHLORIDE ANHYDROUS

MW: 136,30 CAS: 7646-85-7 EC: 231-592-0 EC INDEX: 030-003-00-2

IMDG: 8 III UN 2331 ADR: 8 III UN 2331 (E) IATA: 8 III UN 2331



ZINC CHLORIDE ANHYDROUS EPR	BASICEM	reference	packaging	price
Assay > 98% Oxychlorides (ZnO) < 2.4% Na+K+Ca < 1%	Fe < 0.002% Cu < 0.002% Pb < 0.002%	Cd < 0.001%	ZNCH-00P-500	500 g
			ZNCH-00P-1K0	1 kg
CINC CLORURO ANHIDRO AGR	BASICEM	reference	packaging	price
Assay > 98% Oxychlorides (ZnO) < 1.2% Total N < 0.002% Fe < 0.0005%	Ca < 0.001% Cu < 0.001% Mg < 0.001% SO ₄ < 0.002%	Na < 0.001% K < 0.001% Pb < 0.001% Cd < 0.0005%	ZNCH-00A-250	250 g

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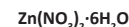


REQUIRES REFRIGERATED TRANSPORTATION

ZINC NITRATE HEXAHYDRATE

MW: 297,47 CAS: 10196-18-6 EC: 231-943-8

IMDG: 5.1 II UN 1514 ADR: 5.1 II UN 1514 (E) IATA: 5.1 II UN 1514



ZINC NITRATE HEXAHYDRATE EPR	BASICHEM	reference	packaging	price	
Assay (Zn) > 98.0% App. White crystals Insol. matter < 0.01%	Cl ⁻ < 0.005% Free ac. (HNO ₃) < 0.04% Fe < 0.005%	Ca < 0.02% SO ₄ < 0.01% Na < 0.02%	K < 0.02% Pb < 0.02%	ZNNA-06T-500 	500 g
ZINC NITRATE HEXAHYDRATE AGR ACS	BASICHEM	reference	packaging	price	
Assay > 98% Insol. matter < 0.005% Cl ⁻ < 0.001% Ni < 0.0005%	Fe < 0.0005% Ca < 0.001% Cu < 0.0005% Mg < 0.001%	SO ₄ < 0.005% Na < 0.001% K < 0.001% Pb < 0.001%	Cd < 0.0005%	ZNNA-06A-500 	500 g

ZINC, POWDER

MW: 65.38 CAS: 7440-66-6 EC: 231-175-3 EC INDEX: 030-001-00-1

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



ZINC, POWDER AGR	BASICHEM	reference	packaging	price	
Assay > 99% As < 0.00002%	Cd < 0.005% Fe < 0.05%	Pb < 0.05% Sn < 0.01%	Cl ⁻ < 0.005%	ZNMT-POA-500 	500 g

ZINC SHEET

MW: 65.38 CAS: 7440-66-6 EC: 231-175-3 EC INDEX: 030-001-00-1

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



ZINC SHEET 100 X 30 X 0.8 MM GLR	BASICHEM	reference	packaging	price
Approx. dim. 100 x 30 x 0.8 mm		ZNMT-L01-010		10 un.

ZINC SULFATE HEPTAHYDRATE

MW: 287,54 CAS: 7446-20-0 EC: 231-793-3 EC INDEX: 030-006-00-9

IMDG: 9 III UN 3077 ADR: 9 III UN 3077 IATA: 9 III UN 3077



ZINC SULFATE HEPTAHYDRATE EPR PH.EUR., USP	BASICHEM	reference	packaging	price	
Assay 99.0 - 100.5% Insol. matter < 0.02% pH (5%, 20°C) 4.4 - 5.6	Total N < 0.002% Cl ⁻ < 0.002% As < 0.0005%	Ca < 0.005% Fe < 0.0005% K < 0.005%	Pb < 0.003% Na < 0.005%	ZNSU-7EP-500 	500 g
				ZNSU-7EP-1K0 	1 kg
ZINC SULFATE HEPTAHYDRATE AGR ACS, REAG.PH.EUR.	BASICHEM	reference	packaging	price	
App. colourless crystal or white powder Assay 99.5 - 100.5% Insol. matter < 0.005% pH (5%, 20°C) 4.4 - 5.6	NO ₃ < 0.002% NH ₄ ⁺ < 0.001% Cl ⁻ < 0.0003% As < 0.0001% Ca < 0.002%	Cd < 0.0001% Cu < 0.0005% Fe < 0.0003% K < 0.001% Mg < 0.0003%	Mn < 0.0003% Na < 0.001% Pb < 0.001%	ZNSU-07A-500 	500 g
				ZNSU-07A-1K0 	1 kg




INDICATORS FOR VOLUMETRIC TITRATIONS

BROMOCRESOL GREEN

MW: 698.04 CAS: 76-60-8 EC: 200-972-8



BROMOCRESOL GREEN IND ACS	BASICEM	reference	packaging	price
Transition range pH 3.8 - 5.4 yellow to blue	Trans. range (ACS) Passes test Sensitivity Passes test	BRCR-G0D-005	 5 g	

BROMOCRESOL GREEN, SOLUTION 0.04%

MW: 698.04 CAS: 76-60-8 EC: 200-972-8





BROMOCRESOL GREEN, SOLUTION 0.04% IND	BASICEM	reference	packaging	price
Transition range pH 3.6 - 5.4	yellow to blue	BRCR-GSD-100	 100 ml	

BROMOCRESOL PURPLE

MW: 540.22 CAS: 115-40-2 EC: 204-087-8





BROMOCRESOL PURPLE IND	BASICEM	reference	packaging	price
Transition range pH 5.2 - 6.8 yellow to purple App. of sol. conforms	Sensitivity Passes test Loss on dry. (110 °C) < 1% Abs. max. λ_{2max} (pH 5.2) 427 - 431nm	Abs. max. pH 6.8 588 - 590nm Abs. pH5.2 on dried 400 - 450nm Abs. pH6.8 on dried 1000 - 1100nm	BRCR-P0D-005  5 g	
		BRCR-P0D-025	 25 g	

BROMOPHENOL BLUE

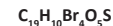
MW: 669.96 CAS: 115-39-9 EC: 204-086-2



BROMOPHENOL BLUE IND ACS	BASICEM	reference	packaging	price
App. of sol. Passes test Transition range pH 3 - 4.6 yellow to blue	Loss on dry. (105 °C) < 1% Trans. range (ACS) Passes test Sensitivity Passes test	BRPH-B0D-005	 5 g	
		BRPH-B0D-025	 25 g	

BROMOPHENOL BLUE, SOLUTION 0.1%

MW: 669.96 CAS: 115-39-9 EC: 204-086-2

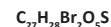




BROMOPHENOL BLUE, SOLUTION 0.1% IND	BASICEM	reference	packaging	price
Transition range pH 3 - 4.6	yellow to blue	BRPH-BSD-100	 100 ml	



BROMOTHYMOL BLUE

MW: 624.4 CAS: 76-59-5 EC: 200-971-2




BROMOTHYMOL BLUE IND ACS	BASICHEM	reference	packaging	price
App. Pink to purple coloured powder App. of sol. Passes test pH Transition Yellow to Blue	Trans. range (ACS) Passes test Sensitivity Passes test Loss on dry. (110 °C) < 3%	BRTH-B0D-005	 5 g	
		BRTH-B0D-025	 25 g	

CONGO RED, C.I. 22120

MW: 696.65 CAS: 573-58-0 EC: 209-358-4 EC INDEX: 611-027-00-8




CONGO RED (C.I. 22120) MIC PH. EUR.	BASICHEM	reference	packaging	price
App. Brownish red powder Transition range pH 3 - 5.2 blux10-violet to red orange	Loss on Dry. (110°C) < 5% Sensitivity	CONG-R0D-025	 25 g	

CRESOL RED

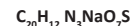
MW: 382.44 CAS: 1733-12-6 EC: 217-064-2





CRESOL RED IND	BASICHEM	reference	packaging	price
App. Green to dark red or maroon Acid. trans. range pH 0.2 - 1.8 red to yellow	Alkal. trans. range pH 7 - 8.8 yellow to purple Loss on dry. (110 °C) < 5%	CRES-R0D-025	 25 g	

ERIOCHROME BLACK T, C.I. 14645

MW: 461.38 CAS: 1787-61-7 EC: 217-250-3




ERIOCHROME BLACK T (C.I. 14645) IND	BASICHEM	reference	packaging	price
Suit. as indicator for met. titration Passes test Abs. Max. (pH 10) 612 - 616nm	Loss on dry. < 7%	ERIO-T0D-025	 25 g	
		ERIO-T0D-100	 100 g	

INDIGO CARMINE, C.I. 73015

MW: 466,36 CAS: 860-22-0 EC: 212-728-8



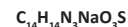
INDIGO CARMINE (C.I. 73015) IND USP, NF	BASICHEM	reference	packaging	price
Assay > 80% Transition range pH 11.4 - 13 blue to yellow Abs. max. (H ₂ O) 608 - 612nm	Sp. abs. (A ₁ %; 1cm; λ _{max} : 0.001% H ₂ O) 380 - 475nm Loss on dry. (105 °C) < 10% Suit. for microb. Passes test	INCA-00D-025	 25 g	



METHYL ORANGE C.I. 13025

MW: 327,34 CAS: 547-58-0 EC: 208-925-3

IMDG: 6.1 III UN 3143 ADR: 6.1 III UN 3143 (E) IATA: 6.1 III UN 3143

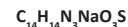


METHYL ORANGE (C.I. 13025) IND ACS	BASICEM	reference	packaging	price
Transition range pH 3.1 - 4.4	Transition Red to yellow-orange	MTOR-00D-100	100 g	

METHYL ORANGE, SOLUTION 0.04%

MW: 327,34 CAS: 547-58-0 EC: 208-925-4

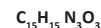
IMDG: 3 III UN 1993



METHYL ORANGE, SOLUTION 0.04% IND	BASICEM	reference	packaging	price
Transition range pH 3.1 - 4.4 Transition Pink-orange-yellow	Sensitivity Passes test	MTOR-S0D-250	250 ml	

METHYL RED, C.I. 13020

MW: 269,31 CAS: 493-52-7 EC: 207-776-1



METHYL RED (C.I. 13020) IND ACS	BASICEM	reference	packaging	price
App. Dark red to maroon to violet or purple powder or crystals Transition range pH 4.4 - 6.2 Red to yellow orange	Abs. max. λ 1max (pH 4.5) 523 - 526nm Abs. max. λ 1max (pH 6.2) 427 - 437nm Loss on dry. < 5.0%	MTRE-00D-025	25 g	
		MTRE-00D-100	100 g	

METHYLENE BLUE, C.I. 52015

MW: 319.85 CAS: 122965-43-9 EC: 200-515-2



METHYLENE BLUE (C.I. 52015) IND	BASICEM	reference	packaging	price
App. Red-brown powder Assay > 82% Loss on dry. 8 - 16%	Abs. max. (H ₂ O) 663 - 667nm Sp. abs. (A ₁ %; 1cm; H ₂ O) > 2200 Coef. max. of abs. (P*15 nm) 1.21 - 1.7	TLC test Passes test	MEBL-00D-100	100 g

1,10-PHENANTHROLINE MONOHYDRATE

MW: 198,22 CAS: 5144-89-8 EC: 200-629-2 EC INDEX: 613-092-00-8

IMDG: 6.1 III UN 2811 ADR: 6.1 III UN 2811 (E) IATA: 6.1 III UN 2811



1,10-PHENANTHROLINE MONOHYDRATE IND	BASICEM	reference	packaging	price
Assay > 99.5 Melt. range 97 - 102°C Mol. ads. of Fe compl. > 11700	Sensit. to Fe 1:10000000 Ash (SO ₂) < 0.05%		PHNA-01A-005	5 g



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION

PHENOL RED

MW: 354,38 CAS: 143-74-8 EC: 205-609-7



PHENOL RED IND ACS	BASICKEM	reference	packaging	price
Transition range pH 6.4 - 8.2	Transition yellow to red	PHRE-00D-005	5 g	

PHENOLPHTALEIN

MW: 318,32 CAS: 77-09-8 EC: 201-004-7 EC INDEX: 604-076-00-1



PHENOLPHTALEIN IND ACS	BASICKEM	reference	packaging	price
App. A white / almost white powder Assay 98.0 - 101.0% Identification Conforms Loss on dry. < 0.5% Ash (SO ₂) < 0.1% Acid. or alk. Conforms	Cl ⁻ < 0.01% Thickness (DIN 53105) Conforms App. of sol. Conforms Heavy met. < 0.001% Related subst. < 0.5% SO ₄ < 0.02%	Thermal resistance Transition range pH 8.2 - 10 colourless to red-violet Practically insoluble in water	100 g	PHEN-00D-100
			250 g	PHEN-00D-250

PHENOLPHTALEIN, SOLUTIONS

MW: 318,32

IMDG: 3 (6.1) II UN 1230 ADR: 3 (6.1) II UN 1230 (D/E) IATA: 3 (6.1) II UN 1230



PHENOLPHTALEIN, SOLUTION 0.2% IN METHANOL IND	BASICKEM	reference	packaging	price
Transition range pH 8 - 10 colourless to red-violet	Concentration 0.194 - 0.2006% Sensitivity Passes test	PHEN-S02-125	125 ml	
PHENOLPHTALEIN, SOLUTION 1% IN METHANOL IND	BASICKEM	reference	packaging	price
Transition range pH 8 - 10 colourless to red-violet	Concentration 0.97 - 1.03% Sensitivity Passes test	PHEN-S10-125	125 ml	

POTASSIUM CHROMATE, SOLUTIONS

MW: 194.21 CAS: 7789-00-6 EC: 232-140-5 TARIC code: 28415000 Restriction: REACH Autorization

IMDG: 6.1 II UN 3287 ADR: 6.1 II UN 3287 (D/E) IATA: 6.1 II UN 3287



POTASSIUM CHROMATE SOLUTION 5% W/V IND	BASICKEM	reference	packaging	price
Assay 4.9 - 5.1% For chloride determination according Mohr.	Density at 18°C 1.0394g/ml pH 8.5 - 10	POCH-50D-250	250 ml	
POTASSIUM CHROMATE SOLUTION 10% W/V IND	BASICKEM	reference	packaging	price
App. Yellow liquid Assay 9.9 - 10.1%	pH 8.5 - 10 Density at 18°C 1.0821g/ml	POCH-10D-250	250 ml	

Material safety data sheets and certificates of analysis are downloadable free of charge at www.labbox.eu**Disclaimer:** Labkem chemical products are exclusively for laboratory use and must be used by instructed and experienced technicians. These chemical products may be dangerous, so please follow the instructions mentioned on the Material safety data sheets.


Due to shipping restrictions or local/national regulations, all products may not be available in all countries or for some particular customers. For further explanation please contact Customer Service



POTASSIUM CHROMATE *SEE P. 391***STARCH**

MW: (162,1)n CAS: 9005-84-9 EC: 232-686-4





STARCH 1% IND	 BASICEM	reference	packaging	price
Assay 0.9 - 1.1% pH 5 - 7.5		STAR-10I-250	 250 ml	

THYMOL BLUE

MW: 466,60 CAS: 76-61-9 EC: 200-973-4



THYMOL BLUE IND ACS	BASICEM	reference	packaging	price
Appearance Brownish green powder Acid. trans. range pH 1.2 - 2.8 red to yellow Alkal. trans. range pH 8 - 9.6		THBL-00D-005	 5 g	
		THBL-00D-025	 25 g	


THYMOL BLUE, SOLUTION 0.04%

MW: 466,60 CAS: 76-61-9 EC: 200-973-5



IMDG: 3 III UN 1993 ADR: 3 III UN 1993 IATA: 3 III UN 1993



THYMOL BLUE, SOLUTION 0.04% IND	BASICEM	reference	packaging	price
Acid. trans. range pH 1.2 - 2.8 violet-red to brownish yellow		THBL-SOD-100	 100 ml	

Labels according to CLP



From December 1, 2010 all manufacturers and importers of chemicals in the EU are obliged to label them according to the criteria of the 1272/2008 Directive, known as CLP. The CLP Directive (Classification, Labelling and packaging of Substances and Mixtures) replaces the previously existing labelling systems and implements in Europe the bigger project called GHS (Global Harmonised System of Classification and Labelling of Chemicals), sponsored by the UN in order to unify the various regulations existing worldwide regarding labelling of chemicals.

All Labkem products are labelled according to CLP and include the pictograms and the new hazard (H) and caution (P) phrases defined by this directive.

Material Safety Data Sheets (MSDS)

MSDS are intended to give all available information enabling the safe management of chemicals and eliminating or minimizing adverse effects to humans and the environment. In the European Union (EU), MSDS are governed by the 1907/2006 REACH Directive and should also incorporate the new classification criteria introduced by CLP Directive.

On our Website www.labbox.eu you can download all Labkem product MSDS in 6 languages: English, Spanish, French, Portuguese, Dutch and Italian.



Certificate of Analysis

For each Labkem product you can download free of charge a certificate of analysis for any batch on our website www.labbox.eu. To do this, you need to enter the product reference and the batch number printed on the label. The certificate mentions the product name, quality, dates of manufacture and expiry, and Labkem specifications with the allowed impurities and test results for each batch.



MAY REQUIRE A DECLARATION OF USE DEPENDING ON DESTINATION COUNTRY



REQUIRES REFRIGERATED TRANSPORTATION



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ANNEXES

PHYSICAL PROPERTIES OF PLASTICS

Material	Resistance to temperature (for ordinary use)	Autoclavable (121 °C, 20 min)
ABS	-40 °C to +85 °C	no
HDPE	-50 °C to +80 °C	no
LDPE	-50 °C to +75 °C	no
PA	-30 °C to +80 °C	yes
PC	-100 °C to +135 °C	yes
PE	-40 °C to +80 °C	no
PMMA	-40 °C to +85 °C	no
PMP	0 °C to +120 °C	yes
POM	-40 °C to +90 °C	yes
PP	-10 °C to +120 °C	yes
PS	-10 °C to +70 °C	no
PTFE	-200 °C to +260 °C	yes
PVC	-20 °C to +80 °C	no
PVDF	-40 °C to +105 °C	yes
PET	-40 °C to +50 °C	no

CHEMICAL RESISTANCE OF PLASTICS

Material	LDPE	HDPE	PP	PMP	PTFE / PFA
Concentrated acids	++	++	++	++	++
Diluted acids	++	++	++	++	++
Alkalis	++	++	++	++	++
Aliphatic alcohols	++	++	++	++	++
Aldehydes	+	+	+	+	++
Ketones	+	+	+	-	++
Esters	+	+	+	+	++
Aliphatic hydrocarbons	-	+	+	-	++
Aromatic hydrocarbons	-	+	-	-	++
Halogenated hydrocarbons	--	-	-	--	++
Strong oxidants	-	-	-	-	++

High resistance	++	Good resistance	+
Marginal resistance	-	Non resistant	--

Premia Line PORCELAIN, TECHNICAL SPECIFICATIONS**Thermal Shock Resistance:**

Average coefficient of expansion from 20 °C to 200 °C is $3,56 \times 10^{-5}$, gradually increasing to $4,69 \times 10^{-5}$ at 1000 °C.

Experience has indicated suitability of particular shapes for specific uses. It remains the responsibility of the user to determine the suitability for his use. To prevent thermal stress cracks on porcelain ware, Labbox strongly recommends a heating/cooling rate not to exceed 200 °C/hour. The thermal shock resistance of laboratory porcelain depends on various factors such as the correct correlation of the coefficient of expansion of porcelain body and glaze, the elasticity of glaze, etc.

Resistance to Chemical Action:

The resistance to acids and alkalis is excellent, except for hydrofluoric acid.

Prolonging labware life:

Follow gradual heating and cooling rates. Use an oven or hot plate as an intermediate step when quicker heating/cooling rates are required. Gradually increase flame intensity when using a gas burner. Avoid contact of heated ware with a cold surface. Carefully inspect your labware prior to each use and do not use any product that appears defective.

PHYSICAL PROPERTIES OF METALWARE

Material	Melting point	Density
Stainless steel 18/8	1398 °C	7,93 g/cm ³
Stainless steel 316	1398 °C	8,0 g/cm ³
Aluminum	660 °C	2,7 g/cm ³
Steel	1375 °C	7,8 g/cm ³
Nickel	1455 °C	8,9 g/cm ³
Cast iron	1350 °C	7,2 g/cm ³

RUBBER PHYSICAL PROPERTIES

Material	Resistance to temperature (for ordinary use)	Autoclavable (121 °C, 20 min)	Shore hardness A	Elongation at break
Silicone	-50 °C to +250 °C	yes	65	440 %
Natural rubber	-30 °C to +110 °C	no	45	700 %
Latex	-40 °C to +68 °C	no	40	650 %

LABBOX GLASSWARE, TECHNICAL SPECIFICATIONS

LBG 3.3 is a borosilicate glass with a minimum content in silica of 80 % and a low expansion coefficient ($3,3 \cdot 10^{-6} \text{ K}^{-1}$) included in the 3.3 borosilicate group, as defined in ISO 3585 standard.

It is used in products where chemical and mechanical resistance is to be combined with resistance to sudden temperature changes. This particular combination of properties makes this type of glass the most used in labware.

Physical and chemical properties

Linear expansion coefficient (@ 20/300 °C)	$3,3 \cdot 10^{-6} \text{ K}^{-1}$
Strain point	520 °C
Annealing point	$560 \pm 10 \text{ °C}$
Softening point	$820 \pm 10 \text{ °C}$
Density	$2,23 \pm 0,02 \text{ g/cm}^3$
Hydrolytic resistance (acc. to ISO 719, water at 98 °C)	Class 1
Hydrolytic resistance (acc. to ISO 720, water at 121 °C)	Class 1
Resistance to acids (acc. to ISO 1776, DIN 12116)	Class 1
Resistance to alkalis (acc. to ISO 695)	Class 2

Typical composition

80,4 %	in weight SiO_2
13,0 %	in weight B_2O_3
4,2 %	in weight Na_2O
2,4 %	in weight Al_2O_3

LBG N is a neutral borosilicate glass with a high chemical resistance. Its average linear dilation coefficient is $8,0 \cdot 10^{-6} \text{ K}^{-1}$. It is used in products not intended to be directly heated, but instead should have a higher mechanical resistance (such as mortars, desiccators, filtering flasks ...) or in some volumetric glassware (such as pipettes, burettes ...).

GENERAL MAINTENANCE RECOMMENDATIONS AND CLEANING OF GLASSWARE

First of all, check before each use and washing that the glass material does not show any damage (if you find that it is damaged, do not use it). It is recommended to always wash this type of material before the first use, as well as immediately after each use. If you suspect that the material may have come into contact with contaminated products, wash and sterilize it.

Cleaning recommendations to protect the printing on the glass:

Never clean with abrasive products directly as they can damage the surface. Use a sponge or cloth impregnated with the cleaning solution. The glass material can be immersed in a bath at room temperature with the cleaning solution, rinsed with hot water and finally with distilled water. Avoid temperatures above 70 °C, excessively long actuation times and strongly alkaline media (as this would affect screen printing and could lead to corrosion of the glass).
Avoid mechanical aggressions during cleaning.

If a manual cleaning is performed:

- 1- Use a soft cloth or a non-scratching sponge with water and a mild cleanser. In general, do not use anything that can scratch the glass (spatula, etc.).
- 2- Do not use abrasive detergents that could damage the surface of the glass or erase the inscriptions.
- 3- Never allow the glass material to be soaked with strongly alkaline products.
- 4- Wash at room temperature and in case of immersion, do not soak the glass material for more than 30 minutes.
Maximum water temperature: 70 °C.
- 5- Rinse with running water and then with distilled water.

If stem washing is performed:

Stem washing is less aggressive to glass than manual washing because the material is not in prolonged contact with the detergent.

- 1- Use a suitable detergent with the dishwasher and a mild detergent with the glass.
- 2- Place the material in the dishwasher in such a way as to avoid friction or breakage.



COMPATIBILITY TABLE FOR VIALS OF CHROMATOGRAPHY AND DIFFERENT TYPES OF CAPS

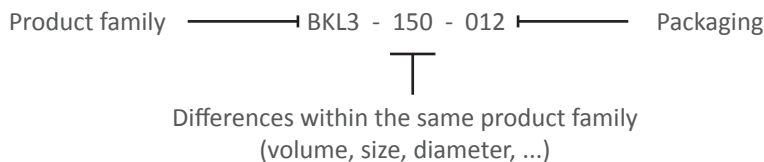
CAPS									
	CC01-S02-100	CC01-S02-1K0	CHCA-S20-100	CHCA-B20-100	SC02-W02-100	SC02-P02-100	SC04-R40-100	STC2-P20-100	STC2-W20-100
CAPSULE CAP									
CV01-C20-100	•	•							
CV01-A20-100	•	•							
CVP1-C02-100	•	•							
CHVF-C10-100			•	•					
CHVR-C10-100			•	•					
CHVF-C20-100			•	•					
CHVR-C20-100			•	•					
SCREW CAP									
SV02-C20-100					•	•			
SV02-A20-100					•	•			
SVP2-C02-100					•	•			
SVP2-A02-100					•	•			
SV02-P20-100					•	•			
SH01-015-100					•	•			
SH01-A15-100					•	•			
SV04-C40-100							•		
SV04-A40-100							•		
SVP4-C40-100							•		
SVP4-A40-100							•		
SNAP-TOP									
STV2-C20-100								•	•
STV2-A20-100								•	•

LIST OF TEST TUBES WITH RUBBER AND SILICONE STOPPERS

TEST TUBES	RUBBER PLUG	SILICONE STOPPER
TU02-127-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU02-120-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU02-130-250	STOR-014-025	STOS-015-025
TU02-160-250	STOR-019-025	STOS-017-025 / STOS-019-025
TU02-165-250	STOR-019-025	STOS-017-025 / STOS-019-025
TU04-105-250	STOR-013-025	-
TU04-107-250	STOR-013-025	-
TU04-127-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU04-120-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU04-130-250	STOR-014-025	STOS-015-025
TU04-160-100	STOR-019-025	STOS-017-025 / STOS-019-025
TU04-165-100	STOR-019-025	STOS-017-025 / STOS-019-025
TU04-200-100	STOR-021-020 / STOR-022-020	STOS-020-025 / STOS-024-020
TU04-225-100	STOR-026-010	STOS-026-010
TU04-250-100	STOR-026-010	STOS-026-010
TU05-107-250	STOR-013-025	-
TU05-127-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU05-120-250	STOR-013-025 / STOR-014-025	STOS-015-025
TU05-130-250	STOR-014-025	STOS-015-025

UNDERSTANDING LABBOX LABELS AND REFERENCES

The nomenclature of a Labbox reference consists of the following elements:

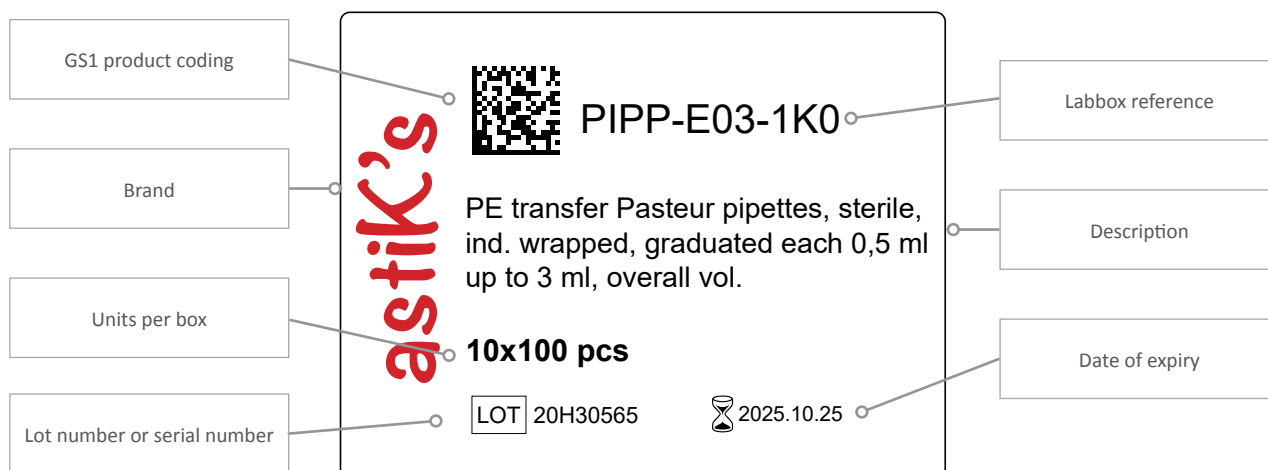


Beaker, low form, 150 ml, LBG 3.3, 12 pcs.

First, the first 4 digits indicates the family to which the product belongs. In this case, BKL3 corresponds to low form beaker. The next part of three digits describes differences within the same product, whether it is volume, size, diameter, color ... In the example given, 150 states the volume which is 150 ml.

Finally, the last three digits refer to the packaging, that is, the pieces per box of the product. In this specific example the number '012' indicates that each box contains 12 glasses.

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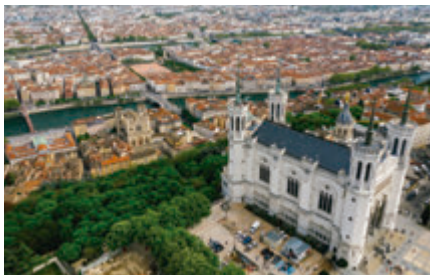
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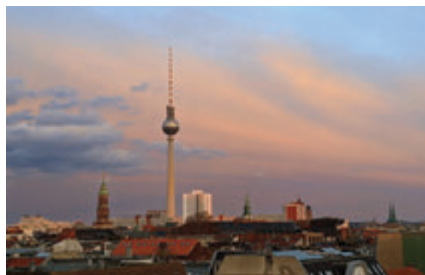
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