

TT & CT1000



Reliable and precise environmental test chambers.

## The **new** TESTA

These chambers ensure reliable and reproducible testing conditions with a Premium Quality.

## Environmental simulation chambers

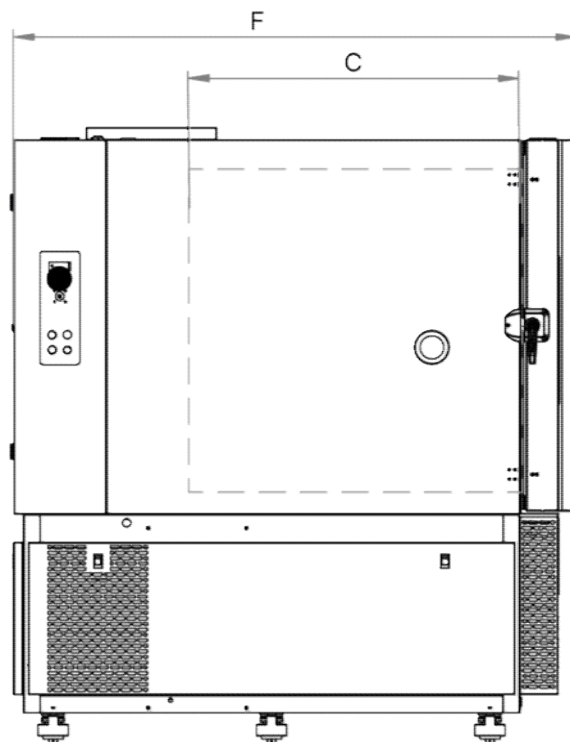
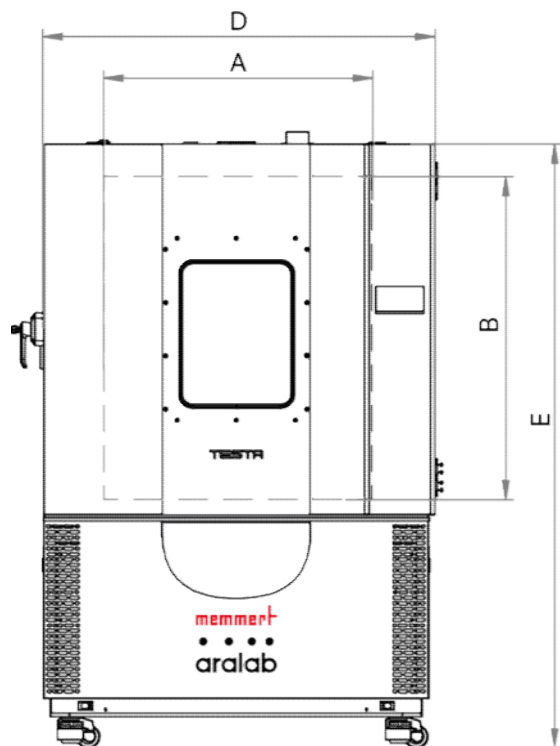
- The TESTA CT and TESTA TT environmental test chambers expand the Memmert portfolio with high-performance solutions for environmental simulation.
- With a wide temperature range of -75 to +180 °C, controlled humidity of 10 to 98 % rH and temperature change rates of up to 10 K/min, TESTA instruments are the perfect choice for a wide range of applications in research and quality assurance.

## Temperature

Setting temperature range	-52 to +180°C // -75 to +180°C
Setting Accuracy	0,1 °C
Temporal temperature deviation	± 0,1 to ± 0,3 (by 37°C)
Temperature control system	By stainless steel electric heaters located in the air treatment tunnel
Temperature monitoring	1 Pt100 sensor DIN class A 1 Pt100 sensor DIN class A, movable sensors for flexible placing inside chamber
Temperature Safety	Safety thermostat with High / Low temperature configuration, with automatic stop of all thermic systems High / Low Temperature alarms

## Humidity

Setting humidity range	10 to 98 %rh
Setting Accuracy	0,1 °C
Humidification system	Humidity: Through thermostatic bath with dew point control Drying: Through thermostatic bath with dew point control and additional dry coil
Humidity monitoring	Capacitive humidity sensor (EC) or Psychrometric humidity sensor (EP) or Capacitive and psychrometric humidity sensor (ECP)
Humidity Safety	Safety thermostat with High / Low temperature configuration, with automatic stop of all thermic systems High / Low Temperature alarms Automatic stop function in case of water failure, with indication on the controller



**Interior**

Testing room (volume)	Stainless steel
Internal dimension	967 Liters
Max. number of grids/shelves	984 (W) x 1052 (D) x 910 (H) mm
Max. loading of chamber	10
Max. loading of grids/shelves	200 kg
	50 kg

**Exterior**

External dimension	Textured stainless steel casing
Installation	1359 (W) x 1845 (D) x 2010 (H) mm
	on height-adjustable and lockable castors

**Ambient conditions**

Distance to neighbouring appliances / wall clearances	1000 mm (back)
	500 mm (lateral)

**Packing/shipping data**

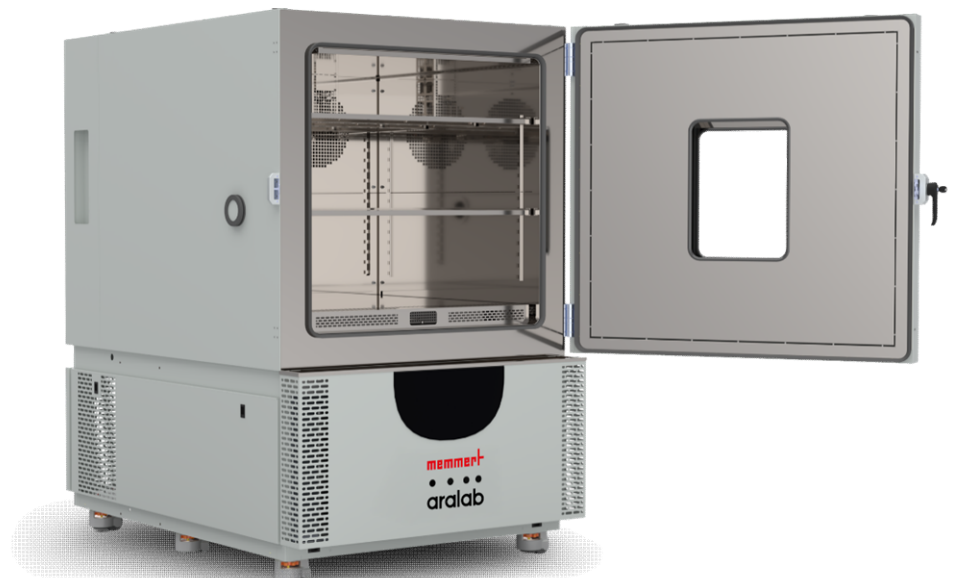
Country of origin	Portugal
Dimensions approx incl. Carton	1590 (W) x 2090 (D) x 2190 (H) mm
Net weight	approx. 900 kg

## Features

Control unit	Touch screen controller
Adjustable parameters for <b>TESTA TT</b>	Temperature
Adjustable parameters for <b>TESTA CT</b>	Temperature & Relative humidity
Adjustable device functions	Climate control regulation Real-time display of process variables Program execution Alarm definition and much more
Interfaces	Ethernet LAN
Cooling system	Air or water-cooled condensers are also available on both versions (-52°C and -75°C)

## Standard equipment

Door	Lockable door, double silicone door gaskets and anti-condensation heating frames
Standard option	Entryport Ø 80 mm, left Door locking, mechanical
Type standard insert	Stainless steel perforated shelf
Number of slide-in units	2
Other standard accessories	Water conductivity measuring device Documentation package
Electrical load; 400 V or 3x230 V	approx 22 kW



## Options and accessories

- Entry port with an internal diameter of 80mm or 150 mm, freely positionable
- Cooling down time upgrade to up to 5 °C/min
- Cooling down time upgrade to up to 5 °C/min
- Upgrade of heating-up time to up to 5 °C/min.
- Upgrade of heating-up time to up to 10 °C/min.
- Air-cooled condenser for models down to -75 °C (standard on models down to -52 °C)
- Water-cooled condenser for models down to -52 °C (standard on models down to -75 °C)
- Adjustable fan speed
- Fan and custom-made shelves that allow air to be drawn from the climate chamber to an external box.  
The scope of delivery does not include connection hoses.
- Emergency stop button; unit shutdown in an emergency
- Compressed air drying (high-performance dehumidification of the chamber for humidity control below +10 °C).
- MobileALERT, SMS text alerts for any fault or alarm message from the appliance
- Chamber modification for increased chamber load capacity (max. load capacity 200 kg)
- Full-sight glass door (multi-glazed); glass opening 360x500mm. The scope of delivery includes interior lighting.
- Door locking, electric
- Calibration // temperature and humidity value - freely selectable
- IQ/OQ/PQ qualification
- External water supply tank (20 litres)
- Additional FitoLog software licence
- Wireless connection between climate chamber and PC for use of the FitoLog software
- Additional perforated shelf
- Reinforced stainless steel perforated shelf
- Packaging and shipping crate (required with every order of equipment)
- Silicone stopper for Ø 80 mm entry port
- Silicone stopper for Ø 150 mm entry port
- Water filter for water-cooled condenser
- Demineralisation cartridge (16 l or 40l)
- Condensate pump
- Connection pipes Ø 250 mm for ventilation kit
- Rain test glove system



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## About us

Blanc-Labo SA is a company specializing in laboratory equipment operating in Switzerland and France. Founded in 1990 in Tolochenaz (VD), Switzerland by Claude and Anne Blanc, the Company was taken over in 2015 following the retirement of the founders, by Eric Laborde and Marc Blanc (son of the founders).

Today, Blanc-Labo is the official dealer for more that **200** brands of:

- Laboratories technical equipments
- Consummable (Labware)
- Chemical products
- Lab Furniture
- Rentals for testing

Our teams are specialized and have been at your service for **37 years**. We offer various personalized services tailored to your needs.

## After sales service

In addition to a wide range of equipment, Blanc-Labo SA offers a unique service to support you.

### Advantages:

- Commissioning & User Training
- Troubleshooting & Remote Troubleshooting
- Maintenance
- Qualifications and Calibrations
- Spare Parts Delivery
- Technical Assistance via HOT-LINE
- Equipment Loan as Needed

Do you have a question about one of our products or services?

Email us at [info@blanc-labo.com](mailto:info@blanc-labo.com) or call us

directly at **+41 21 804 18 50**.

We will be happy to help you.

