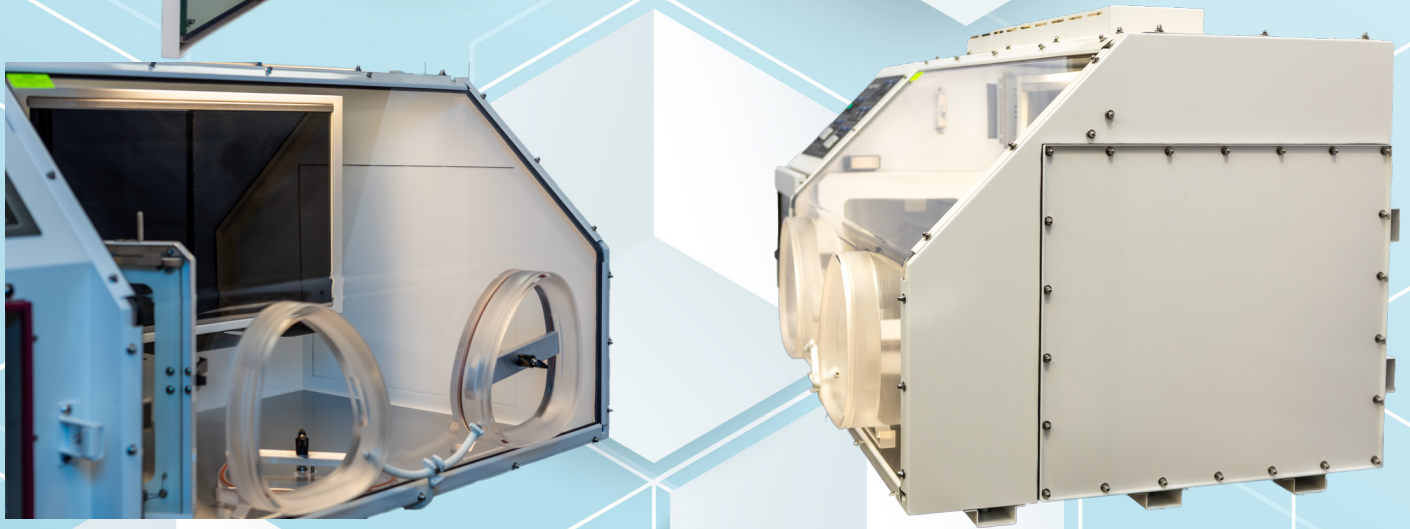
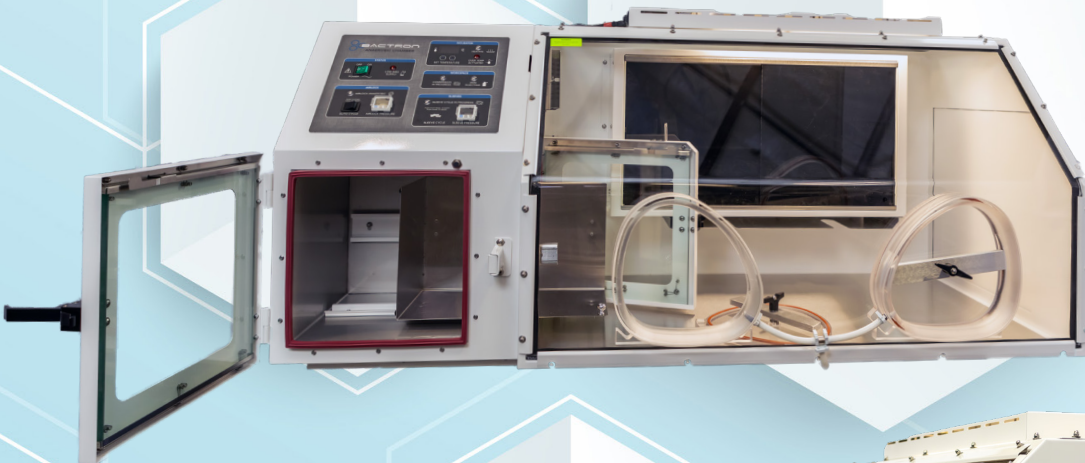


**INTRODUCING OUR 300 PLATE CAPACITY ANAEROBIC  
CHAMBER DELIVERING OPTIMUM PRODUCTIVITY IN A  
COMPACT SPACE**



## **BACTRON 300**

**ANAEROBIC CHAMBER**

# WHAT MAKES OUR **BACTRON300** BETTER? ANAEROBIC CHAMBER

*Our cost-effective anaerobic chamber system 16.0 Cubic Feet workspace, with an airlock, and a 300-plate capacity incubator allows the BACTRON300 to deliver optimum productivity in any compact space. The operator has total command of the work area yet enjoys ample bench space for the efficient performance of all procedures requiring an anaerobic atmosphere. Samples can be prepared, cultured, and inspected in the oxygen-free chamber. Unlike anaerobic jars and bags, which unavoidably expose samples to oxygen, our BACTRON300 provides complete anaerobic environments for many microbiological applications.*



- **New Side Access Panel Standard**

New right side access panel opening 20"x 17.5" for easy access, especially to set up lab equipment in the chamber.

- **Low Gas Supply Alarm**

New audible and visual notification that the AMG supply is low.

Operators can change the cylinder while the chamber atmosphere stays anaerobic.

- **Integrated Vacuum Pump**

Quiet operation. Eliminates vacuum pump connections during installation.

- **Fast Airlock Cycle**

The biggest Airlock on the market is now the fastest.

- **Auto-Sleeve Cycle with Integrated HEPA Filter**

No more guesswork or operator variation; automated ultra-efficient sleeve cycles with one press of the foot switch.

- **Integrated Internal Regulators**

Ensure consistent and reproducible gas delivery to all chamber processes plus protecting all the internal components from incorrect cylinder settings.

- **Inner Door Lock**

"Smart" lock prevents airlock opening in non-anaerobic conditions which prevents operator error and introduction of oxygen to critical samples.

- **Fast Sleeve Cycle**

Reduced waiting time.

- **Easy Installation**

BACTRON installation in as little as 30 minutes.

"Plug and Play" installation with integrated connections.

- **User Adjustable Airlock Cycling**

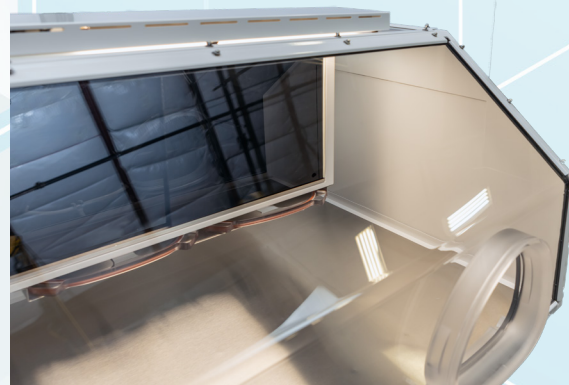
Customize your airlock cycle to fit your time and budget. User preference from 3, 4, or 5 auto-cycle iterations.

- **Auto-Commissioning Cycle**

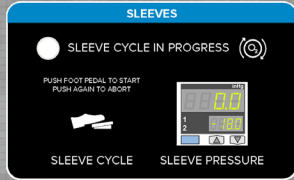
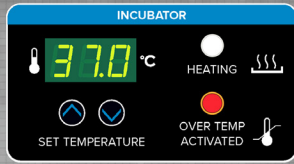
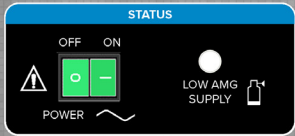
The single-button auto-commissioning cycle automatically creates an anaerobic atmosphere; press the button and walk away while the chamber becomes anaerobic.

- **Easy-to-Access, Replaceable HEPA Filters**

Protect your internal atmosphere with HEPA filters on incoming gas supplies.







## Applications:

- » Clinical Microbiology
- » Microbiome Studies
- » Susceptibility Assays
- » Fermentation and Spoilage Studies
- » Food Microbiology
- » Bio-Energy Research
- » Environmental Microbiology
- » Anaerobic Bacteriology

### Accessories

Item Description	Part Number
Handheld Oxygen Sensor	9902223
Activated Carbon Media (2lbs/0.9kgs)	1060500
Petri Plate Racks (2 x 11)	5110729
Leak Detector	4600501
UV Viewing Lamp	9490507
Nitrogen Regulator Kit	9740567
Nitrile Cuffs	3600525(S) 3600526(M) 3600527(L)
Activated Carbon, Volatile Compounds Scrubber Fan	9490578 (110V) 9490581 (220V)
BACTRON300 Rolling Stand (W x D x H) 61.5" x 30" x 30"/1560 x 762 x 762 mm	BACSTAND-MD22
AMG REGULATOR ASSY 3/16ID TUBING / A HIGHER-PRESSURE GAUGE W/WIDE TUBING	9740560
Stereo Microscope w/ Accessories	Contact <a href="mailto:sales@sheldonmfg.com">sales@sheldonmfg.com</a>
Anaerobic Chamber Start-Up Kit*	9490511
Latex Cuffs	3600500(S) 3600502(L)
Benzalkonium Chloride Solution Chamber Cleaner	1060501
Anaerobic Indicator Strips	1060553
Activated Charcoal Media	1060500
Airlock Gasket (12 x 12)	3450507
Acrylic Glass Cleaner	1060503
Acrylic Glass Scratch Remover	1060504
O-Ring For Sleeve Cuff	6000504

### Unit Specifications

BACTRON300	Part ID: BAA30023/ [BAA30023-E]*
Unit Weight	304lbs/138kg
Shipping Weight	549lbs/249kg
Workspace Chamber Volume	16.0 cu.ft. /453L
Workspace Chamber Dimensions W x D x H	42.5" x 28.9" x 25.0" 1059 x 734 x 635mm
Exterior Dimensions W x D x H	62.3" x 32.0" x 27.6" 1583 x 813 x 701mm
Airlock Dimensions W x D x Diagonal	16.0" x 10.0" x 11.5" 406 x 254 x 292mm
Side Access Panel Dimensions W x D	20.0" x 17.5" 508 x 444.5mm
Airlock Volume	1.29 cu.ft. /36.5L
Airlock Plate Capacity	216
Incubator Specifications	
Plate Capacity	300
Workspace Incubator Volume	1.4 cu.ft. /39.6L
Workspace Incubator Dimensions W x D x H	27.5" x 8.5" x 13.5" 699 x 216 x 343mm
Temperature Range	Ambient + 5° to 70° C
Temperature Uniformity	+/- 1.0° C @ 37°C
Power	
AC Voltage	110-120/220-240
Amperage	9/6
Frequency	50-60Hz

\*Denotes 220v unit



<https://www.sheldonmanufacturing.com>



[sales@sheldonmfg.com](mailto:sales@sheldonmfg.com)



Manufactured in Cornelius, Oregon USA

USER MANUAL:



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