



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



 **BACTRON 300**
ANAEROBIC CHAMBER

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BACTRONS CREATE AN ENVIRONMENT WITH AN ABSENCE OF OXYGEN WHICH IS OBLIGATE, AND STRICT FOR YOUR ANAEROBIC ORGANISMS

Our BACTRON300 Economical Anaerobic Chamber with a 16.0 cu. ft. workspace with an inner accessible incubator that creates a 300-plate capacity to deliver optimum productivity in a compact design for nominal to vaster research lab spaces. Our BACTRON Anaerobic Chambers have an airtight construction of stainless steel and rigid acrylic glass for unobstructed vision and integrity. The chamber handcuffs form a comfortable seal around the operator's arms that enables complete manipulation of plates and specimens inside the working chamber forming a work user-friendly in most applications. When sitting undisturbed and unopened at a steady state, the BACTRON Anaerobic Chamber typically rests oxygen-free and anaerobic. Our Anaerobic Chambers meet EN61010, UL61010, and Can/CSA61010 standards.



Our BACTRON300 Anaerobic Chamber features:

- **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.

- **New Side Access Panel With Single Plate Entry Door Optional Accessory**

New right side access panel opening 20.75"x 19.25" for easy access, especially to set up lab equipment in the chamber and integrated single plate entry opening optional accessory.

- **Low Gas Supply Alarm**

Audible and visual notification via the control panel when the AMG gas supply is low. Also, operators can change the cylinder while the chamber atmosphere stays anaerobic.

- **Auto-Sleeve Cycle**

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

- **Integrated Internal Regulators**

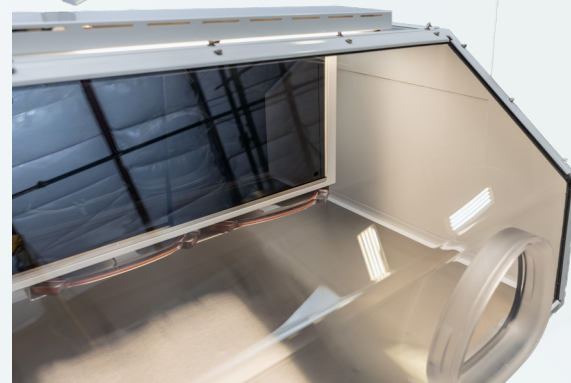
Ensure consistent and reproducible gas delivery to all chamber processes plus protecting all the internal components from incorrect cylinder settings.

- **User Adjustable Airlock Cycling**

Customize your airlock cycle to fit your time and budget allowing operator customization from 3, 4, or 5 auto-cycle iterations.

- **Auto-Commissioning Cycle**

The single-button auto-commissioning cycle automatically creates an anaerobic atmosphere in 5 hours; press the button and walk away while the chamber becomes anaerobic.





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
ACCESS PANEL COVER WITH SINGLE PLATE DOOR	9991035
Stereo Microscope w/ Accessories	Contact sales@sheldonmfg.com
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: BAA30022/ [BAA30022-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

THE AMG REGULATOR IS NOT INCLUDED & SOLD SEPARATELY



<https://www.sheldonmanufacturing.com>



sales@sheldonmfg.com



Manufactured in Cornelius, Oregon USA

USER MANUAL:



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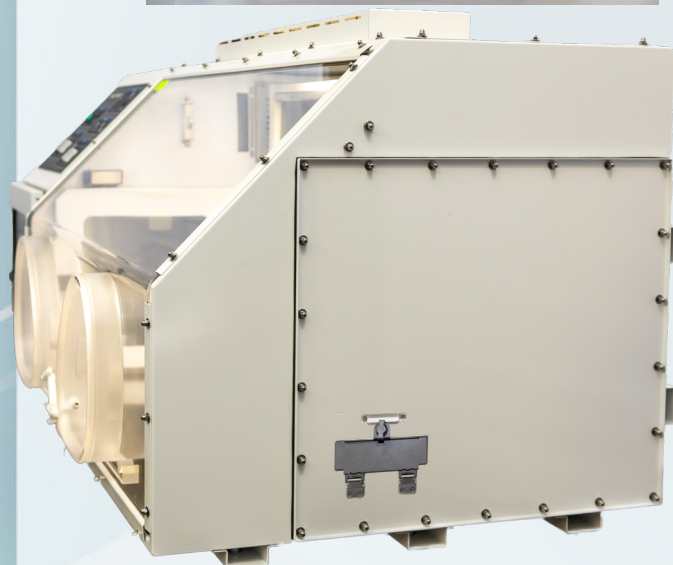
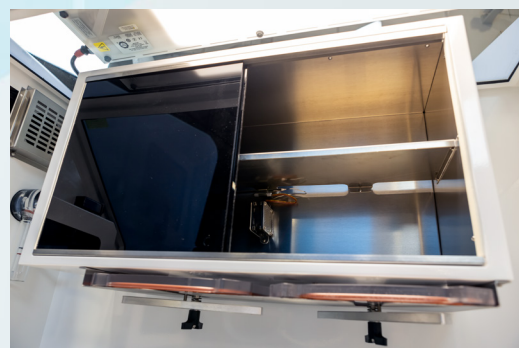


SHELDON
MANUFACTURING, INC.

BACTRON300 ANAEROBIC CHAMBER

ECONOMIC COMPACT DESIGN

**BACTRON300, 16.0 CU. FT. (453 L) ANAEROBIC
CHAMBER, 300 PLATE CAPACITY**



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