



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



 **BACTRON300**
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

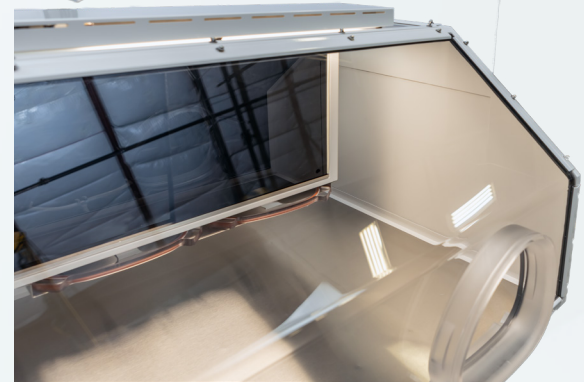
Ensure consistent and reproducible gas delivery to all chamber processes plus protecting all the internal components from incorrect cylinder settings.

• 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		Unit Specifications	
Item Description	Part Number	BACTRON300	Part ID: BAA30022/ [BAA30022-E]*
Handheld Oxygen Sensor	9902223	Unit Weight	304lbs/138kg
Activated Carbon Media (2lbs/0.9kgs)	1060500	Shipping Weight	549lbs/249kg
Petri Plate Racks (2 x 11)	5110729	Workspace Chamber Volume	16.0 cu.ft. /453L
Leak Detector	4600501	Workspace Chamber Dimensions W x D x H	42.5" x 28.9" x 25.0" 1059 x 734 x 635mm
UV Viewing Lamp	9490507	Exterior Dimensions W x D x H	62.3" x 32.0" x 27.6" 1583 x 813 x 701mm
Nitrogen Regulator Kit	9740567	Airlock Dimensions W x D x Diagonal	16.0" x 10.0" x 11.5" 406 x 254 x 292mm
Nitrile Cuffs	3600525(S) 3600526(M) 3600527(L)	Side Access Panel Dimensions W x D	20.0" x 17.5" 508 x 444.5mm
Activated Carbon, Volatile Compounds Scrubber Fan	9490578 (110V) 9490581 (220V)	Airlock Volume	1.29 cu.ft. /36.5L
BACTRON300 Rolling Stand (W x D x H) 61.5" x 30" x 30"/1560 x 762 x 762 mm	BACSTAND-MD22	Airlock Plate Capacity	216
AMG REGULATOR ASSY 3/16ID TUBING / A HIGHER-PRESSURE GAUGE W/WIDE TUBING	9740560	Incubator Specifications	
ACCESS PANEL COVER WITH SINGLE PLATE DOOR	9991035	Plate Capacity	300
Stereo Microscope w/ Accessories	Contact sales@sheldonmfg.com	Workspace Incubator Volume	1.4 cu.ft. /39.6L
Anaerobic Chamber Start-Up Kit*	9490511	Workspace Incubator Dimensions W x D x H	27.5" x 8.5" x 13.5" 699 x 216 x 343mm
Latex Cuffs	3600500(S) 3600502(L)	Temperature Range	Ambient + 5° to 70° C
Benzalkonium Chloride Solution Chamber Cleaner	1060501	Temperature Uniformity	+/- 1.0° C @ 37°C
Anaerobic Indicator Strips	1060553	Power	
Activated Charcoal Media	1060500	AC Voltage	110-120/220-240
Airlock Gasket (12 x 12)	3450507	Amperage	9/6
Acrylic Glass Cleaner	1060503	Frequency	50-60Hz
Acrylic Glass Scratch Remover	1060504	*Denotes 220v unit	
O-Ring For Sleeve Cuff	6000504		



<https://www.sheldonmanufacturing.com>



sales@sheldonmfg.com



Manufactured in Cornelius, Oregon USA



USER MANUAL:

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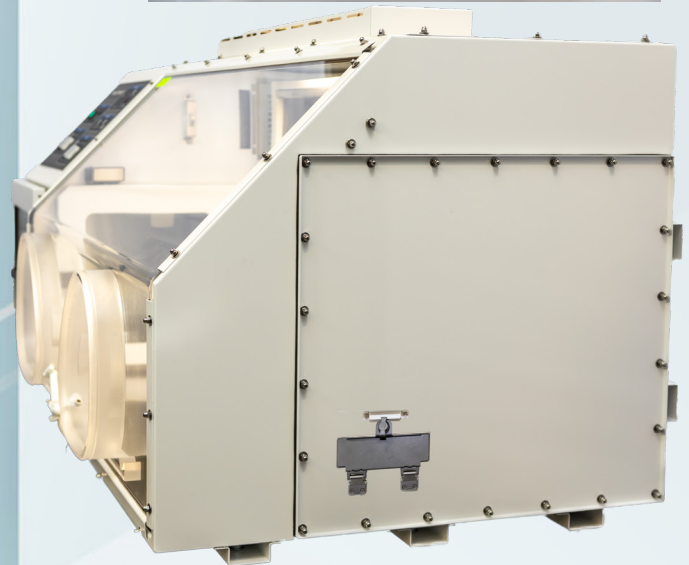
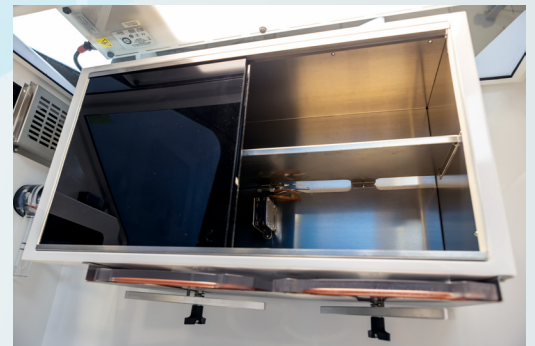
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ECONOMIC COMPACT DESIGN
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CHAMBER, 300 PLATE CAPACITY**



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