



BACTRON

BACTRON300



Redesigned

An economical anaerobic environment system with air lock, 16.0 cu.ft. workspace and a 300 plate capacity incubator allow the BACTRON300 to deliver optimum productivity in a compact space. The operator has total command of the work area, yet enjoys ample bench space for an efficient performance of all procedures requiring an anaerobic atmosphere.

BACTRON chambers are total anaerobic process workstations. Samples can be prepared, cultured, and inspected in the oxygen-free chamber and standard incubator. Unlike anaerobic jars and bags, which unavoidably expose samples to oxygen, BACTRON300 provides complete anaerobic environments for all your applications.

New and Improved

The BACTRON300 now features:

- **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**

- Quieter operation.
- Eliminates vacuum pump connections during installation.

- **60% Faster Airlock Cycle**

- The biggest Airlock on the market is now the fastest, getting samples into the chamber **2X** faster than before.

- **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**

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

- **Inner Door Lock**

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

- **40% Faster Sleeve Cycle**

- Reduce waiting time.

- **Faster 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.
- Do you need precision or are you just in a hurry? Pick 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
Stereo Microscope w/ Accessories	Contact a sales rep for more details.
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

*Items available for individual purchase

Unit Specifications

BACTRON300	Part ID: BAA30022 [BAA30022-E]*
Unit Specifications	
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
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