



BACTRON

BACTRON900



Redesigned for 2017

The BACTRON900 system boasts the same power as the BACTRON600, except with the addition of a rear wall incubator. With two incubators and a 900 plate holding capacity, BACTRON900 is guaranteed to satisfy even the most demanding anaerobic environments.

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, BACTRON900 provides complete anaerobic environments for all your applications.

New and Improved

The BACTRON900 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 Meter with Probe	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
Activated Carbon, Volatile Compounds Scrubber Fan	9490578 (110V) 9490581 (220V)
Nitrile Cuffs	3600525(S) 3600526(M) 3600527(L)
BACTRON900 Rolling Stand (W x D x H) 88.5" x 30 x 29"/2250 x 762 x 740 mm	BACSTAND-LG22
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

BACTRON900	Part ID: BAA90022 [BAA90022-E]*
Unit Specifications	
Unit Weight	473lbs/215kg
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	88.5" x 32.5" x 33.6" 2248 x 826 x 854mm
Airlock Dimensions W x D x Diag	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	900
Workspace Incubator Volume	1.4 cu.ft. /39.6L
Side Incubator Volume	4.6 cu.ft. /130L
Workspace Incubator Dimensions W x D x H	27.5" x 8.5" x 13.5" 699 x 216 x 343mm
Side Incubator Dimensions	23.5" diameter x 18.5" 597 diameter x 470mm
Temperature Range	Ambient + 5° to 70° C
Workspace Incubator Temperature Uniformity	+/- 1.0° C @ 37°C
Side Incubator Temperature Uniformity	+/- 1.0° C @ 37°C
Electrical	
AC Voltage	110-120/220-240
Amperage	14/10
Frequency	50-60Hz

*Denotes 220v unit



Learn More About BACTRON

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