

# BACTRON BACTRON600



## Redesigned for 2017

The BACTRON600 system permits volume handling of anaerobic cultures with maximum operator comfort. With a 16.0 cu.ft. workspace and a 600 plate capacity incubator, it is the largest, most complete anaerobic environmental system available. It is designed for high volume, yet requires far less bench space than expected for its capacity and performance features.

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, BACTRON600 provides complete anaerobic environments for all your applications.

## New and Improved

The BACTRON600 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)<br>9490581 (220V)       |
| Nitrile Cuffs  | 3600513(S)<br>3600514(M)<br>3600515(L) |
| BACTRON600 Rolling Stand<br>(W x D x H) 88.5" x 30.0 x 29.0"/2250 x 762 x 740 cm | BACSTAND-LG22                          |
| Stereo Microscope w/ Accessories   | Contact a sales rep for more details.  |
| <b>Anaerobic Chamber Start-Up Kit*</b>   | 9490511                                |
| Latex Cuffs  | 3600500(S)<br>3600502(L)               |
| Benzalkonium Chloride Solution Chamber Cleaner                                   | 1060501                                |
| Anaerobic Indicator Strips (10 count)  | 9900706                                |
| Activated Charcoal Media   | 1060500                                |
| Airlock Gasket (12 x 12)   | 3450507                                |
| Acrylic Glass Cleaner  | 1060503                                |
| Acrylic Glass Scratch Remover  | 1060504                                |
| O-Ring For Armport Door  | 6000504                                |

\*Items available for individual purchase

## Unit Specifications

| BACTRON600                                | Part ID:<br>BAA60022 [BAA60022-E]*             |
|---|--|
| <b>Unit Specifications</b>                |  |
| Unit Weight                               | 412lbs/187kg                                   |
| Workspace Chamber Volume                  | 16.0 cu.ft. /494L                              |
| Workspace Chamber Dimensions<br>W x D x H | 42.5" x 28.9" x 25.0"<br>1059 x 734 x 635mm    |
| Exterior Dimensions W x D x H             | 88.5" x 32.5" x 32.8"<br>2248 x 826 x 833mm    |
| Airlock Dimensions W x D x Diag.          | 16.0" x 10.0" x 11.5"<br>406 x 254 x 292mm     |
| Airlock Volume                            | 1.29 cu.ft. /36.5L                             |
| Airlock Plate Capacity                    | 216  |
| <b>Incubator Specifications</b>           |  |
| Plate Capacity                            | 600  |
| Side Incubator Volume                     | 4.6 cu.ft. /130L                               |
| Side Incubator Dimensions                 | 23.5" diameter x 18.5"<br>597 diameter x 470mm |
| Temperature Range                         | Ambient + 5° to 70° C                          |
| Temperature Uniformity                    | +/- 1.0° C @ 37°C                              |
| <b>Electrical</b>                         |  |
| AC Voltage                                | 110-120/220-240                                |
| Amperage                                  | 11/8   |
| Frequency                                 | 50-60Hz  |

\*Denotes 220v unit



Learn More About BACTRON

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