



Redesigned for 2017

The BACTRONEZ is an ideal first anaerobic chamber or replacement chamber for customers who desire to upgrade their existing chamber. It has a 12.5 cu.ft. workspace and a 300 plate capacity incubator. Specifically designed for use by smaller laboratories, it may also serve as an economical set-up for larger labs.

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, BACTRONEZ provides complete anaerobic environments for all your applications.

New and Improved

The BACTRONEZ 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*

Essential Accessories Kit, 110V**	917-995-0008
LED Light Unit, 110V	9730519
AMG Regulator	9740560
Ergonomic Grip Catalyst Holder	9990759
Petri Plate Racks (2 x 11)	5110729
Essential Accessories Kit, 220V	917-995-0009
LED Light Unit, 220V	9730520
AMG Regulator	9740560
Ergonomic Grip Catalyst Holder	9990759
Petri Plate Racks (2 x 11)	5110729
Anaerobic Chamber Start-Up Kit	9490512
Latex Cuffs	3600500(S) 3600502(L)
Benzalkonium Chloride Chamber Cleaner	1060501
Anaerobic Indicator Strips (10 count)	1060553
Activated Charcoal Media	1060500
Airlock Gasket (9 x 9)	3450506
Acrylic Glass Cleaner	1060503
Acrylic Glass Scratch Remover	1060504
O-Ring For Armport Door	6000509
Other Accessories	
BACTRONEZ Stand (W x D x H) 49.0" x 30" x 30"/1240 x 762 x 762 mm	BACSTAND-SM22
Nitrogen Regulator Kit	9740567
Activated Carbon, Volatile Compounds Scrubber Fan	9490578 (110V) 9490581 (220V)

*Visit Shellab.com for more accessory options

Unit Specifications

BACTRONEZ	Part ID: BAAEZ22 [BAAEZ22-E]*
Unit Specifications	
Unit Weight	255lbs / 116kg
Workspace Chamber Volume	12.5 cu.ft. /354L
Workspace Chamber Dimensions W x D x H	33.0" x 28.9" x 25.0" 838 x 734 x 635mm
Exterior Dimensions W x D x H	49.0" x 32.0" x 27.2" 1245 x 813 x 691mm
Airlock Dimensions W x D x Diag	9.0" x 10.7" x 9.0" 229 x 272 x 229mm
Airlock Volume	0.74 cu.ft. /20.9L
Airlock Plate Capacity	78
Incubator Specifications	
Total Plate Capacity	300
Incubator Volume.	1.4 cu.ft. /39.6L
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
Electrical	
AC Voltage	110-120/220-240
Amperage	9/6
Frequency	50-60Hz

*Denotes 220v unit