



BACTRON300-2

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.

Bactron 300 Series, Anaerobic/Environmental Chambers

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.

Features:

- Clinical Microbiology
- Microbiome Studies
- Susceptibility Assays
- Fermentation and Spoilage Studies
- Food Microbiology
- Bio-Energy Research
- Environmental Microbiology
- Anaerobic Bacteriology.

Model	BACTRON300-2
Unit Weight	138kg
Shipping Weight	249kg
Workspace Chamber Volume	453L
Workspace Chamber Dimensions (WxDxH)	1059x734x635mm
Exterior Dimensions (W x D x H)	1583x813x691mm
Airlock Dimensions (WxDxDiagonal)	406 x 254 x 292mm
Airlock Volume	36.5L
Airlock Plate Capacity	216
Incubator Specifications	
Plate Capacity	300
Workspace Incubator Volume	39.6L
Workspace Incubator Dimensions (WxDxH)	699x216x343mm
Temperature Range	Ambient + 5° to 70°C
Temperature Uniformity	±1.0°C @ 37°C
Power	
AC Voltage	220-240
Amperage	6
Frequency	50-60Hz