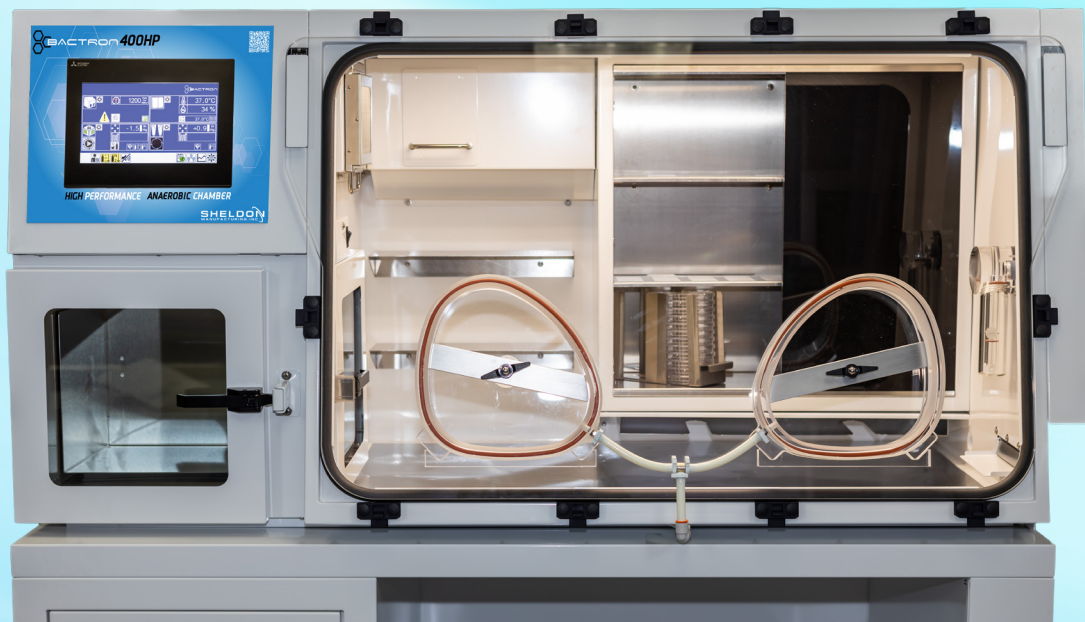


INTRODUCING OUR **NEW** 400 PLATE CAPACITY  
ANAEROBIC CHAMBER WITH 10.1" TOUCHSCREEN  
CONTROLLER



**BACTRON 400HP**  
HIGH PERFORMANCE ANAEROBIC CHAMBER

# PRECISE CONDITIONS FOR OXYGEN-SENSITIVE ORGANISMS

**BACTRON 400HP**  
HIGH PERFORMANCE ANAEROBIC CHAMBER



**SHELDON**  
MANUFACTURING, INC.



Every Bactron includes standard features that improve productivity, reproducibility, and sample protection and security. Those design elements include:

- A dedicated incubator keeps the chamber work area close to room ambient temperatures; operators can work more comfortably even for extended periods.
  - Ergonomic arm ports provide the operator with a comfortable resting place and work angle.
  - The gloveless sleeve design allows bare-handed manipulation of plates and specimens inside the Bactron.
  - Every BACTRON meets globally recognized safety and quality standards including CE/TUV, EN61010, UL61010, and CAN/CSA61010.
  - **NEW** HEPA filtration provides continuous treatment of workspace and incubator to ISO Class 3 standards.
  - **NEW** O<sub>2</sub> sensor for the most accurate anaerobic performance.
  - **NEW** Relative Humidity (RH) sensor for the incubator.
  - **NEW** Hinged Front Flange for easy loading of lab devices, supplies, and appliances; provides full access to all areas of the chamber and incubator for cleaning.
  - 400 plate capacity.
  - Standard KF40 Expansion Port for cable passthrough.
  - Independently certified to global safety, performance, and ISO standards.
- **NEW** 10.1 inch (26cm) Hi-Res multi-color touch screen control:
    - Users can display three simultaneous data or performance readings.
    - Complete data logging for multiple performance levels to SD Card.
    - Password protected security settings.
  - Easy Calibration to reference devices.
  - High Clearance Chamber allows easy pipetting.
  - Full view front flange for easy observation into the chamber.
  - LED light with adjustable brightness.
  - User-programmable Airlock for up to 9 purge cycles.







## PRECISE CONDITIONS FOR OXYGEN-SENSITIVE ORGANISMS



### Applications:

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



PRECISE CONDITIONS  
FOR OXYGEN-SENSITIVE ORGANISMS



### BACTRON 400HP

<i>Exterior Dimensions (w x d x h)</i>	<b>64.0 x 32.4 x 32.6 in 1625.6 x 822.96 x 32.6 mm</b>
<i>Workspace Chamber Dimensions (w x d x h)</i>	<b>43.4 x 28.0 x 30.0 in 1102.36 x 711.2 x 762 mm</b>
<i>Workspace Chamber Volume</i>	<b>19.8 cu.ft. 560L</b>
<i>Airlock (w x d x diagonal)</i>	<b>16 x 10 x 11.5 in 406.4 x 254 x 292.1 mm</b>
<i>Airlock Volume</i>	<b>0.9 cu.ft. 26 L</b>
<i>Incubator Dimensions (w x d x h)</i>	<b>23.6 x 8.6 x 21.9 in 599.44 x 218.44 x 556.26 mm</b>
<i>Incubator Volume</i>	<b>1.6 cu.ft. 45.3 L</b>
<i>Unit Weight</i>	<b>335 lb</b>

### Incubator Performance

<i>Temperature Range</i>	<b>Ambient + 5°C to 70°C</b>
<i>Temperature Uniformity</i>	<b>(+/-) 0.2°C @ 37°C</b>
<i>Incubator Capacity</i>	<b>400 Plates</b>
<i>Airlock Capacity</i>	<b>216 Plates</b>



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[Manufactured in Cornelius, Oregon USA](#)

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## NEW HIGH-PERFORMANCE FEATURES

- **NEW** HEPA filtration provides continuous treatment of workspace and incubator to ISO Class 3 standards.
- **NEW** O<sub>2</sub> sensor for the most accurate anaerobic performance.
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  - Users can display three simultaneous data or performance readings.
  - Complete data logging for multiple performance levels to SD Card.
  - Password protected security settings.
  - Easy Calibration to reference devices.



- High Clearance Chamber allows easy pipetting.
- Full view front flange for easy observation into the chamber.
- LED light with adjustable brightness.
- User-programmable Airlock for up to 9 purge cycles.
- Catalyst with integrated activated carbon prefilter

# WHAT MAKES OUR BACTRONS BETTER



Every Bactron includes standard features that improve productivity, reproducibility, and sample protection and security. Those design elements include:

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# ADVANCED ANAEROBIC CHAMBERS SERIES With HEPA Filtration System!

 **BACTRON 400HP**  
HIGH PERFORMANCE ANAEROBIC CHAMBER

