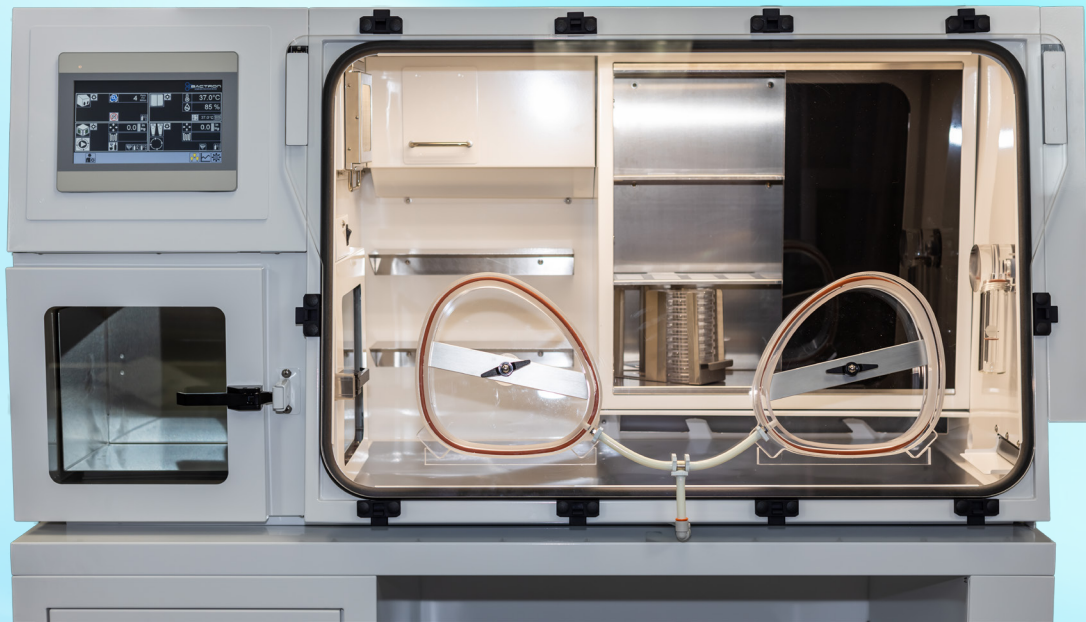


SHELDON

MANUFACTURING.INC



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



 **BACTRON 400HP**
HIGH PERFORMANCE ANAEROBIC CHAMBER

FOLLOW US ON:     

PRECISE CONDITIONS FOR OXYGEN-SENSITIVE ORGANISMS

BACTRON 400HP
HIGH PERFORMANCE ANAEROBIC CHAMBER



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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** O₂ 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 up to 4 simultaneous data or performance readings.
 - Complete data logging for multiple performance levels with USB export.
 - Programmable 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.



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

Incubator Performance

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



<https://www.sheldonmanufacturing.com>



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[Manufactured in Cornelius, Oregon USA](#)

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ADVANCED ANAEROBIC CHAMBERS

SERIES WITH HEPA FILTRATION SYSTEM!

BACTRON 400HP
HIGH PERFORMANCE ANAEROBIC CHAMBER



SHELDON
MANUFACTURING, INC.

NEW HIGH-PERFORMANCE FEATURES

- **NEW** HEPA filtration provides continuous treatment of workspace and incubator to ISO Class 3 standards.
- **NEW** O₂ 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.
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- Standard KF40 Expansion Port for cable passthrough.
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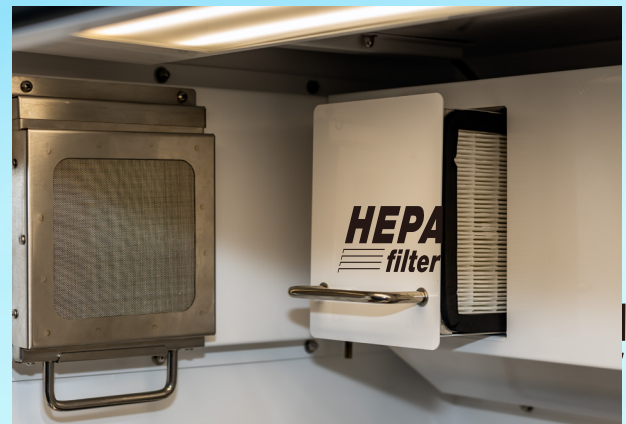
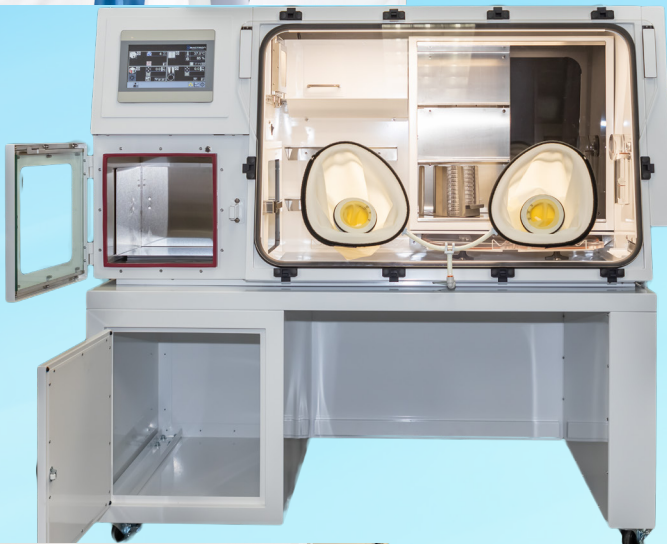
- High Clearance Chamber allows easy pipetting.
- Full view front flange for easy observation into the chamber.
- LED light with adjustable brightness.
- User-programmable Airlock for up to 9 purge cycles.
- Catalyst with integrated activated carbon prefilter

WHAT MAKES OUR BACTRONS BETTER



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