



Analytical Gloveless anaerobic Chamber

Created by microbiologists for microbiologists, the Gloveless Anaerobic Chamber is the most ergonomic chamber of its kind. This low-maintenance chamber is easy to use and loaded with state-of-the-art features that can dramatically increase your laboratory's effectiveness and productivity.

Comfortably Ergonomic

Painless: Large oval arm ports offer you enhanced mobility, comfort, and reach.

Effortless: Sliding passbox tray helps you transfer items in and out of the chamber with ease.

Spacious: Increased work space, smaller chamber footprint and sliding inner door maximize useful laboratory space.

Glareless: Ten-degree angled front reduces glare for better visibility.

Low Maintenance

Ovenless: Automated self-regenerating catalyst cleans and regenerates overnight. There is no need for you to remove and bake the catalyst.

Desiccant-less: Condensate control reduces excess moisture buildup.

Vacuumless Operator Entry: Sleeves stay anaerobic when chamber is not in use. There is no need for foot pedals or vacuum/gas cycles to enter the chamber.

Laboratory Integration

Paperless: Internal PC computer connects to the laboratory network for data review and entry.

Coolness: Integrated 580-plate incubator provides ambient operating temperatures for the operator and user-controlled temperature for the bacteria.

Squint less with High-Resolution Digital Video Magnification:

Optional **digital camera system** magnifies colonies for easy diagnostics and records today's work for later review.

Now available with a high-



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Gloveless Anaerobic Chamber

Dimensions & Weight

Overall Dimensions	64"W x 29"D x 29"H (39"H with light)
Inside Work Surface	46"W x 28"D
Incubator Height Above Work Surface	9"
Armport Dimensions	11.6"H x 8"W
Weight	275 lb.

Electrical

Chamber Voltage	115 Volts AC, 50/60 HZ, 10 amps
Interior Power Strip	4 sockets, 115 Volts AC, 50/60 HZ, 3 amps max
Cords	1 power cord for the chamber, 1 for the light and 1 for the computer (optional)

Incubator

Inside Shelf Height	7.5"
Capacity	648 plates (576 plates if using racks)
Temperature Range	20° C to 50° C (user controlled)
Accuracy	+0.5° C/-1° C

Passbox

Overall Dimensions	16.2"W x 12.6"D x 12" H
Outer Door Opening	10"W x 10"H (14.2" diagonal)
Inner Door Opening	10"W x 11"H (14.9" diagonal)
Passbox Cycle Time	3.5 minutes
Passbox Indicators	Indicate when passbox is anaerobic.

Interface

Control Panel Switches	1. Illuminated System Power Switch. 2. Passbox Cycle Start/Cancel Switch.
Incubator	LED temperature controller on chamber front.
Operator Entry	Instant, vacuumless, no foot pedals
Computer (optional)	Integrated monitor and external computer—includes writable CD/DVD ROM, 4 USB ports, Ethernet connection
Network	Ethernet connection on computer
Monitor (optional)	15" touch screen mounted inside the chamber on incubator door
Keyboard	Wireless keyboard and mouse inside chamber



Maintenance

Gas Requirements	5% CO ₂ , 5% H ₂ , 90% N ₂
Normal Gas Usage	200 PSI/day (1.5 weeks per tank)
Catalyst	Self regenerating, no need for baking
Cleaning	Clean work surface with Benzalkonium Chloride
Warranty	1 year parts and labor

Chamber Accessories

Product Description	Size
Sleeves (10-inch diameter) for AS-580	1 pair
Butyl (Black) Cuffs (7 Small, 8 Medium, 9 Large)	1 pair
Cuff Retaining Springs	1 pair
Sleeve Plug Black Gasket	1 pair
O-Rings for Snap-In Cuffs	1 pair
Snap-In Cuff Ring	1 pair
Snap-In Sleeve Ring	1 pair
Snap-In Sleeve Plug	1 pair
Velcro Straps (Sleeve Attachment)	1 pair
Velcro Cuff Strap (Red/Blue/Green/Yellow/Orange)	1 pair
O-Ring Lubricant	each
Chamber Cleaner Benzalkonium Chloride	1 gal
Anatox Refill	1 kg
Stainless-Steel Bowl for Anatox	each
Antistatic & Polish for Plastic Brilliance	each
Petri Plate Rack	each
Chamber Reach Push/Pull Extender	each
UV LED Flashlight	each
Anaerobic Gas Leak Detector	each
Gas Cylinder Regulator for Anaerobic Mixed Gas	each