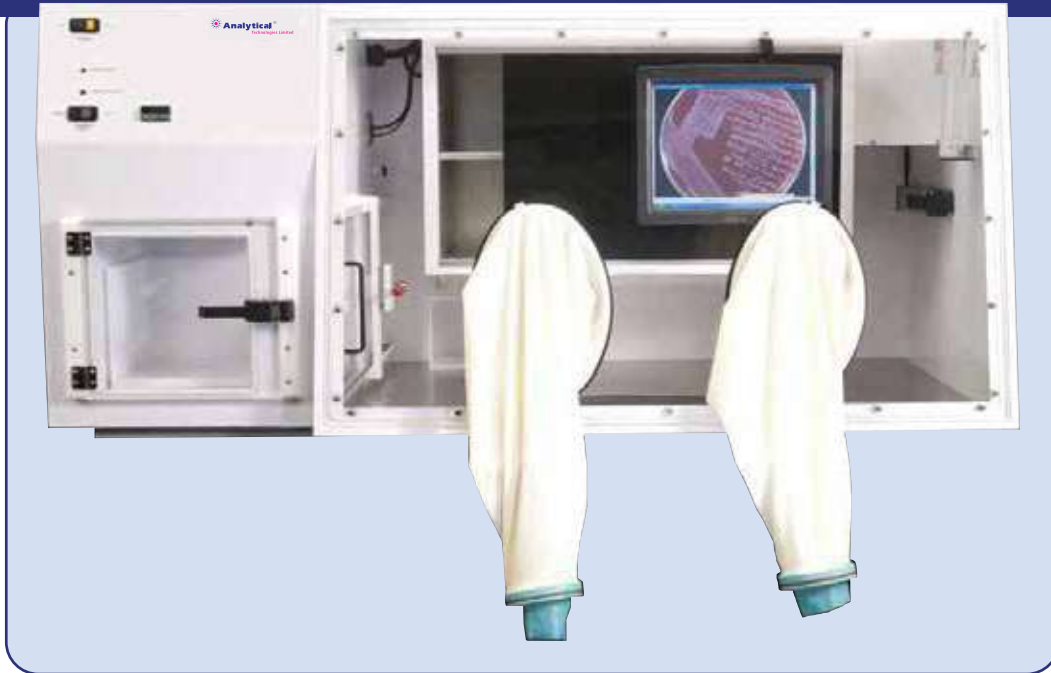


## Analytical Gloveless Anaerobic Chamber



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.

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

### ▶▶▶ Low Maintenance

**Ovenless:** Automated self-regenerating catalyst cleans and regenerates over night. 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.

## ▶▶▶ Technical Specification

### 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 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 10"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 controlled 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 <sub>2</sub> , 5% H <sub>2</sub> , 90% N <sub>2</sub>
Normal Gas Usage	200PSI/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, 9Large)	1 pair
Cuff Retaining Springs	1 pair
Sleeve Plug Black Gasket	1 pair
O-Rings for Snap-in Cuffs	1 pair
Snep-in Cuff Ring	1 pair
Snap-in Sleeve Ring	1 pair
Snap-in Sleevs Plug	1 pair
Velco Strap(Sleeve Attachment)	1 pair
Velco Cuff Strap (Red/Blue/Green/Orange)	1 pair
O-Ring Lubricant	each
Chamber Cleaner Bennzalkonium Chloride	1 gal
Anatox Refill	1 kg
Stainless-Steel Bowl for Anatox	each
Antistotic & Polish for Plastic Brillianize.	each
petn 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

▶▶▶ Regulatory compliances



▶▶▶ Corporate Social Responsibility

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3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds, souls and body by means of Yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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