

## AS-500 Gloveless Anaerobic Chamber

The AS-500 is our newest offering in large, full featured anaerobic chambers. The AS-500 utilizes modern LCD touchscreen displays & controls, with multiple screens for custom settings and chamber status. The AS-500 features a modular assembly design, allowing the unit to be expanded as a double or triple wide chamber.

### KEY FEATURES

**Gloveless:** Gloveless design allowing bare handed manipulation of samples through the sleeves.

**Incubator:** 500-plate capacity incubator inside the work area keeps the rest of the chamber cool. Moveable shelves inside incubator

**Smaller Footprint:** Chamber takes up less space for its capacity. Footprint only 60" wide X 30" deep.

**Vacuumless:** Vacuum-free passbox operation and instant, foot pedal free operator entry into chamber.

**Airlock:** Large airlock with gas saving auto-cycle allows larger samples and supplies to be brought into chamber.

**Durable:** Aluminum and stainless steel construction with easy to clean powder coated paint.

**Touchscreen Controls:** LCD display of chamber conditions and user interface for settings, controls, and calibration. Multiple screens displaying statuses.

**Circulation:** Atmosphere is HEPA filtered with continual oxygen removal. Automatic testing of oxygen removal activity.

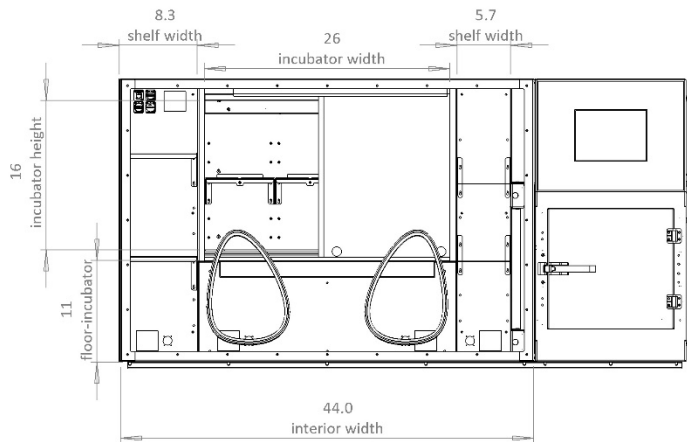
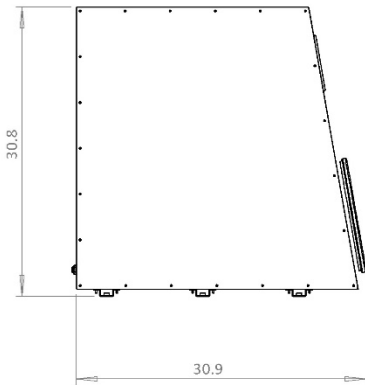
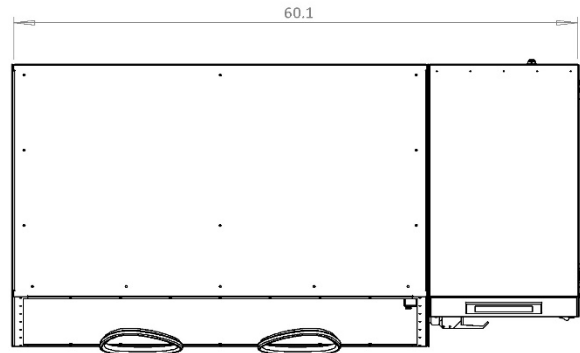
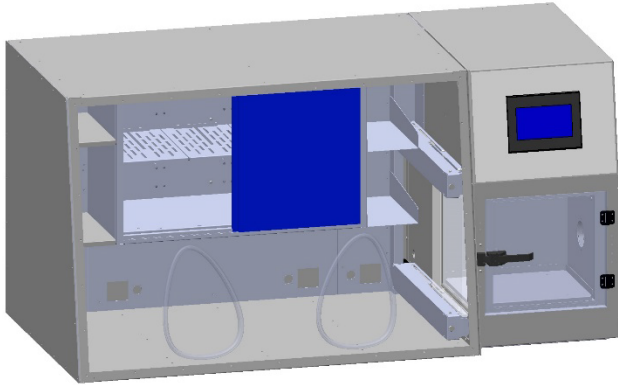
**Modular Configuration:** Can be set up as a double-wide chamber allowing two people to work simultaneously. Airlock can be installed on either side.

**Integration:** Data ports inside work area allow connection of external devices. Optional touchscreen computer monitor inside work area.

**Ergonomics:** Large ergonomic arm ports. Automatic sliding interior passbox door. Adjustable shelving storage options. Bright lighting.

**Monitoring:** Automatic monitoring of catalyst status, oxygen levels, error conditions, and maintenance status for major chamber systems.

**Training:** FREE 2.5 day training course included with the purchase of a chamber. Anaerobe Systems offers the ONLY hands on lab based course covering anaerobic bacteriology workup and anaerobic chamber operation. Students work with mixed anaerobic cultures to isolate, recover, & identify, all while working inside chambers.



## SPECIFICATIONS

Chamber Dimensions & Weight		Airlock / Passbox	
Exterior Dimensions	60" W x 30" D x 31" H	Outer Opening Dimensions	11" W x 12" H
Inside Work Surface	44" W x 28" D	Inner Opening Dimensions	11" W x 12" H
Incubator Height Above Floor	11"	Airlock Interior Dimensions	14" W x 11" D x 12" H
Storage	4 adjustable shelves	Cycle Time	2 minutes
Armports	10" dia. Equivalent	Cycle Operation	Vacuumless, auto cycle
Weight	250 pounds	Accessibility	Slide out tray
Incubator		Electrical	
Interior Dimensions	26" W x 12" D x 16" H	Voltage	120/240VAC, 50/60Hz, 800W
Plate Capacity	500 petri plates	Power	4 120/240 VAC outlets
Temperature Range	Room Temp to 60°C	Interior Power	4 120/240 VAC outlets
Temperature Control	+/- 0.5° C accuracy +/- 0.1 ° C resolution	Power Cable	6' standard power cord
Storage	3 adjustable shelves	Interior Connections	HDMI, USB, Ethernet
Monitoring	External display w/ alarm	Lighting	LED bright white lights