

Huys Industries new tilting glovebox, while optimized for Low Energy Welding, is easily adaptable for other uses with optional addons.

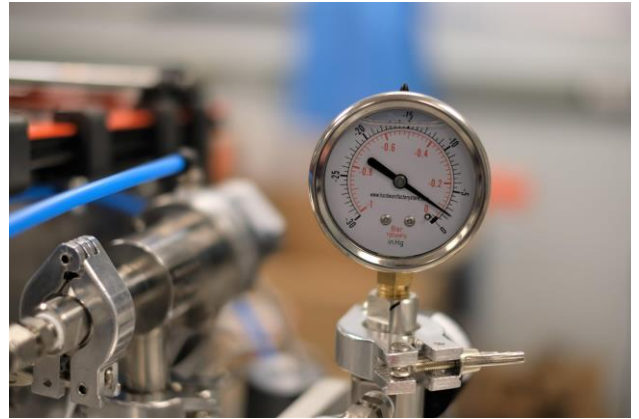
Model: TLTBOX1000

Unique Features:

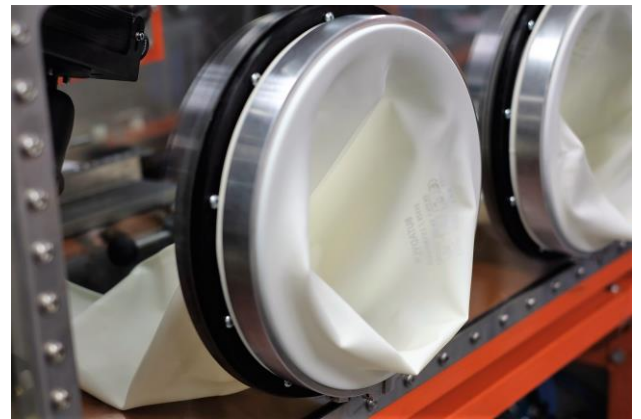
- Ability to tilt for ergonomic ease of use and improved visibility
- Huys developed "bubbler" uses oil to minimize back pressure during ventilation
- Multiple fail-safes for rapid change in vacuum pressure
- PLC controlled vacuum antechamber
- Removable center plate
- Easy to replace top glass

Base Model Specifications:

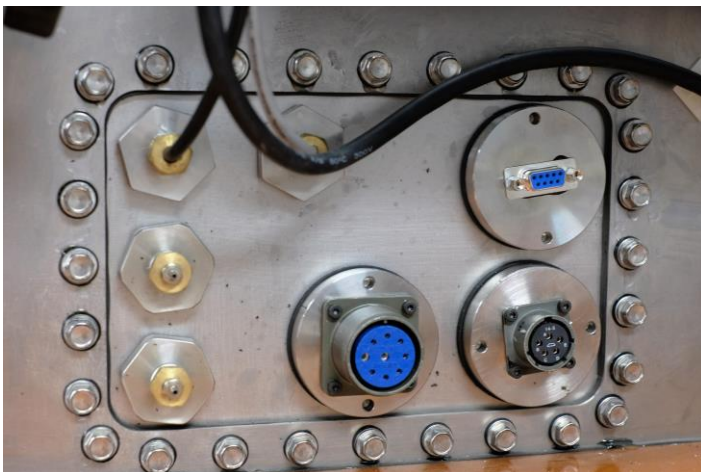
Exterior Dimensions	1600mm × 820mm × 1180mm
Interior Dimensions	900mm × 650mm × 380mm
Wall Thickness	0.0790" (2.0mm)
Tilting Angle	0-40°
External Dimensions At Maximum Tilting Angle	1600mm × 950mm × 1500mm
Port Size	φ 26mm
Internal Finish	304 Stainless Steel
Power	100-120V or 200-240 VAC 50/60 Hz 15 Amp
Plumbing	304 Stainless Steel Tubing
Top Tempered Glass Window	0.250" (6.35mm)
Oxygen Sensor	0-25 % O ₂
Pass Through Connectors	Customizable For Additional Connections
Customized Bubbler	To Prevent Water/ Atmospheric Contamination



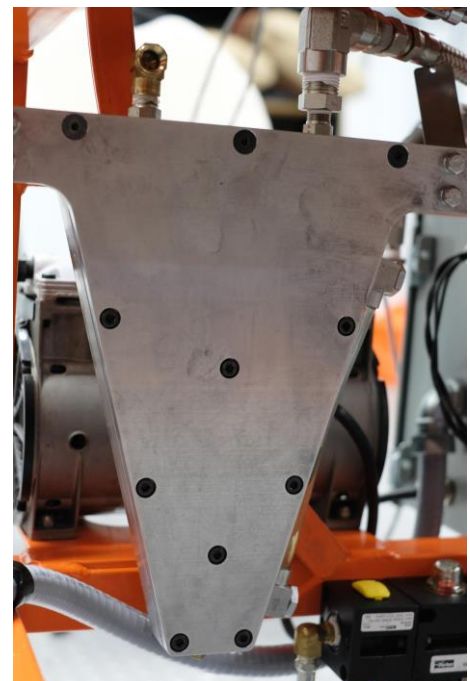
Air-Lock Vacuum Gauge



Port Covers and Gloves



Customizable Pass Through
Connectors



Anti-Backflow Bubbler

Antechamber	Internal Dimensions	320mm × 340mm × 170mm
	Wall Thickness	0.1875" (4.77mm)
Vacuum Antechamber System	a) AnteChamber b) 1/3 HP Piston Air Vacuum Pump c) PLC Based Smart Control System d) Valves and Pressure Gauge	
High Accuracy Oxygen Sensor	< 1 ppm	
Temperature Control System	a) Radiator With Forced Air System b) Temperature Control Box with Omega Temperature/Process Controller	
Camera System	Real Time Monitoring and Recording With External Computer	
Slide View Screen	190mm × 190mm, Different Shades Available	
Removable Center Tooling System	a) Configured for any special holding fixtures b) Water Cooling System c) Tilt Tray for Convenient Tool Storage	
LEW Remote Power Supply Controller	Setting and Monitoring LEW Parameters Inside Glove Box	
Purification System	Gas Purification System Solvent Purification System	
Moisture Analyzer	Monitoring and Controlling Humidity of the Glovebox	



Camera Systems



Oxygen Sensor



LEW Remote Power Supply Controller

Accessories:

- Tank Safety Clamp
- Adjustable Casters
- Internal LED Lighting

Additional Customizations Possible