



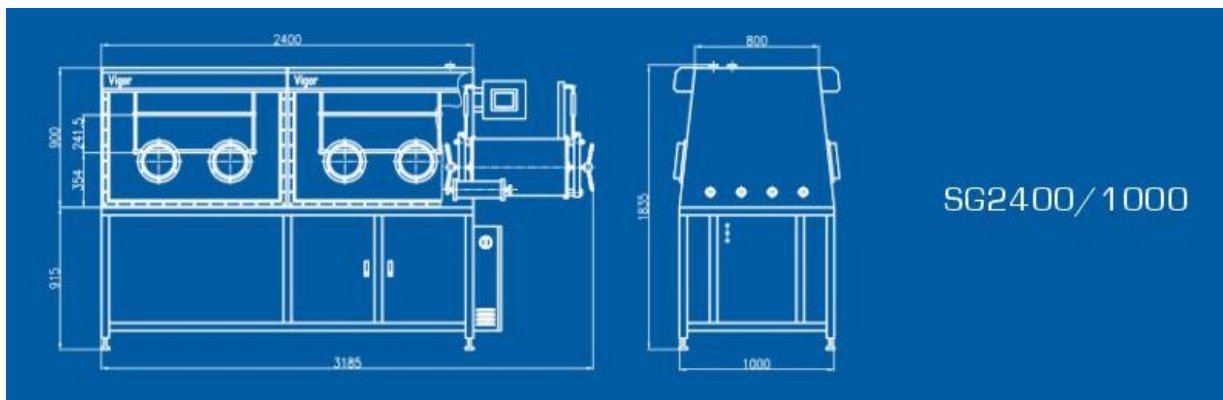
Designed by Chemists for Chemists

Sci-Lab SG 2400/1000 Glovebox System

The *Vigor Sci-Lab* Glovebox series is state-of-the-art in design and manufacture. *Vigor* uses the highest quality components in construction. The *Sci-Lab* Series Glovebox systems are equipped with our patented glovebox seal and gas purification technologies. These new technologies enable us to offer gloveboxes with the lowest leak rate and highest purity levels in the industry.



Note: Ceiling suspended shelves are included as standard but are not shown in this photo



Vigor Sci-Lab Specifications

Glovebox	2400x1000x900 mm (LxWxH), Material 304 Stainless Steel, Thickness 3mm, Powder Coated, 4 Ceiling Suspended Storage Shelves, Support Frame Height 900mm, Castors, Adjustable Leg Supports, 8 Gloveports, 4 Pair of Butyl Rubber Gloves
Antechambers	Large Antechamber: 370mm diameter x 600mm length Mini Antechamber: 150mm diameter x 300mm length Automatic Evacuation Feature
Feed-Thrus	Four Standard KF-40 Connectors for Customer Use
Flow Rate	<i>Fuji</i> Blower - 45 m ³ /hr Gas Flow Controlled by Oxygen Level
Purity Level	Standard: < 1 ppm O ₂ , H ₂ O in Nitrogen, Argon or Helium Optional: Ultra-High Purity System < 0.1 ppm O ₂ , H ₂ O
Purifier Capacity	60 L Oxygen , 1.5 Kg Moisture
Purifier Materials	Oxygen Catalyst from BASF Molecular Sieves from UOP Solvent Adsorbent- Activated Carbon
Leak Rate	< 0.001 vol%/hr According to ISO 10648-2 Procedure
Control System	<i>Siemens</i> PLC, <i>Proface</i> Color Touch Screen
Regeneration	Automated Regeneration, User Initiated
Pressure Control	Automated Pressure Control, User Selectable Limits, Footswitch
Alarms	Automated Alarms, User Selectable Limits
Data Recording	Automated Historical Data Recording & Display
Vacuum Pump	<i>Edwards</i> RV-12, 10 cfm
Gas Requirements	Box Gas: Nitrogen, Argon or Helium, <70 psi Regeneration Gas: 5% H ₂ Mixture with Working (or Box) Gas
Shipping Crate	Dimensions: 3400x1300x2100 mm (LxWxH), Weight: 800 Kg
Power Supply	110 VAC/60 Hz or 220 VAC/50/60 Hz, Single Phase