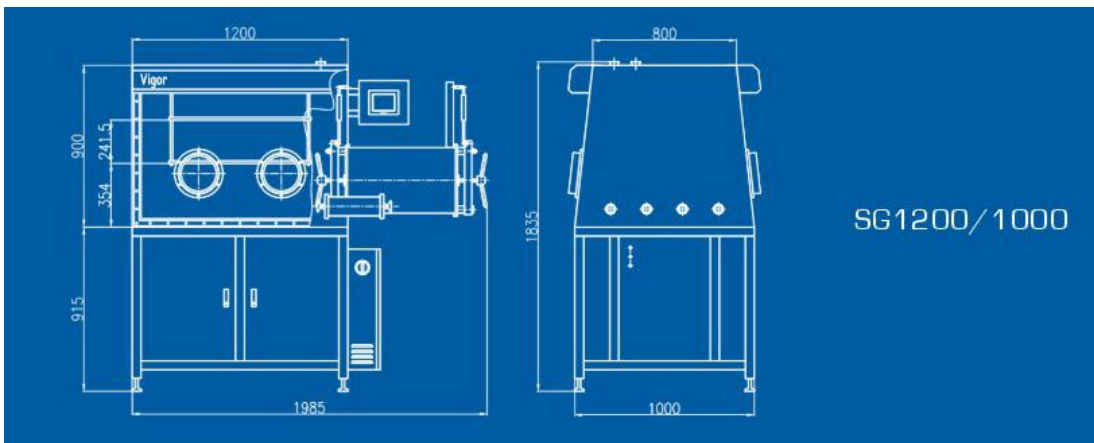




## Sci-Lab SG 1200/1000 Glovebox System

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.



## Vigor Sci-Lab Specifications

<b>Glovebox</b>	1200x1000x900 mm ( <b>LxWxH</b> ), <b>Material</b> 304 Stainless Steel, <b>Thickness</b> 3mm, Powder Coated, 2 Storage Shelves, Support Frame Height 900mm, Castors, Adjustable Leg Supports, 4 Gloveports, 2 Pair of Butyl Rubber Gloves
<b>Antechambers</b>	<b>Large Antechamber:</b> 370mm diameter x 600mm length <b>Mini Antechamber:</b> 150mm diameter x 300mm length Automatic Evacuation Feature
<b>Feed-Thrus</b>	Four Standard KF-40 Connectors for Customer Use
<b>Flow Rate</b>	<i>Fuji</i> Blower - 45 m <sup>3</sup> /hr Gas Flow Controlled by Oxygen Level
<b>Purity Level</b>	<b>Standard:</b> < 1 ppm O <sub>2</sub> , H <sub>2</sub> O in Nitrogen, Argon or Helium <b>Optional:</b> Ultra-High Purity System < 0.1 ppm O <sub>2</sub> , H <sub>2</sub> O
<b>Purifier Capacity</b>	60 L <b>Oxygen</b> , 1.5 Kg <b>Moisture</b>
<b>Purifier Materials</b>	Oxygen Catalyst from BASF Molecular Sieves from UOP Solvent Adsorbent - Activated Carbon
<b>Leak Rate</b>	<b>&lt; 0.001 vol%/hr According to ISO 10648-2 Procedure</b>
<b>Control System</b>	<i>Siemens</i> PLC, <i>Proface</i> Color Touch Screen
<b>Regeneration</b>	Automated Regeneration, User Initiated
<b>Pressure Control</b>	Automated Pressure Control, User Selectable Limits, Footswitch
<b>Alarms</b>	Automated Alarms, User Selectable Limits
<b>Data Recording</b>	Automated Historical Data Recording & Display
<b>Vacuum Pump</b>	<i>Edwards</i> RV-12, 10 cfm
<b>Gas Requirements</b>	<b>Box Gas:</b> Nitrogen, Argon or Helium, <70 psi <b>Regeneration Gas:</b> 5% H <sub>2</sub> Mixture with Working (or Box) Gas.
<b>Shipping Crate</b>	Dimensions: 2200x1300x2100 mm (LxWxH), Weight: 600 Kg
<b>Power Supply</b>	110 VAC/60 Hz or 220 VAC/50/60 Hz, Single Phase