

Vacuum Glove Box

Model: VGB-3

Benchtop Stainless Steel Vacuum Glove Box (31"x 26" x 28") with Airlock and vacuum Flange & Gauge



VGB-3 is a medium size stainless steel glove box with Airlock Chamber, Gauges and vacuum Flanges, which allow glove box operate under vacuum to remove moisture and oxygen without Expensive inert gas purging, It is an ideal tool for material and chemical researchers to process air sensitive materials and solutions.

Glove Box Chamber

Case Material:	Made of 11 gauge (3mm thickness) 304 stainless steel sheet with sport frame, which provide heavy duty structure for vacuum
Dimensions:	780 x 700 x 650 mm (LxWxH)
Max. Positive Pressure:	810 Torr (1.1 atm) Note: Gloves cannot work if pressure is higher than 810 Torr
Max. Vacuum Level:	0.5 Torr Note: Stainless Steel case may deform at higher vacuum level
Leakage Rate in Glove Box:	< 6 Torr/hour

Air-lock Chamber

Dimensions:	240 mm (ID) x 260 mm (L)
Max. Vacuum Level:	0.05 Torr

Vacuum gauge and valves

Two vacuum flanges are included for glove box to achieve vacuum to remove moisture and oxygen without expensive inert gas purging

Do not operate under vacuum status. Vacuum process is used for purging the glove box chamber before operation.

Two KF-25 vacuum fitting ports with Quick Clamps are installed in the back for connecting vacuum pump, electric/fluid feed-through, gas circulating/purifying system, or other testing equipment.

Power Extension

One extension socket (Max. power 1500W) is installed in the glove box main chamber.

Note: 110V power cord was included for immediate use.
(For 208~240V power supply, no plug will be included)

Gloves

One pair of Latex Gloves is included for immediate use
Clamps and sealing flanges included

Optional:

You may order 6" Butadyl® gloves here because they have:
Increased stretching, bending ability and tear strength
High effectiveness when vaporized hydrogen peroxide (VHP) is present
High resistance to aromatics, hydrocarbons, solvents, fats, and acids
Resist ozone
High static dissipative qualities

Vacuum pump and fittings (Optional)

We may add a customized flange to connect a tube furnace to the glove box

We may add ultrasonic mixer head on top of glove box upon request at extra cost.

We may order the glovebox with drying system.

Product Dimensions 1186 x 480 x 490 mm (LxWxH)

