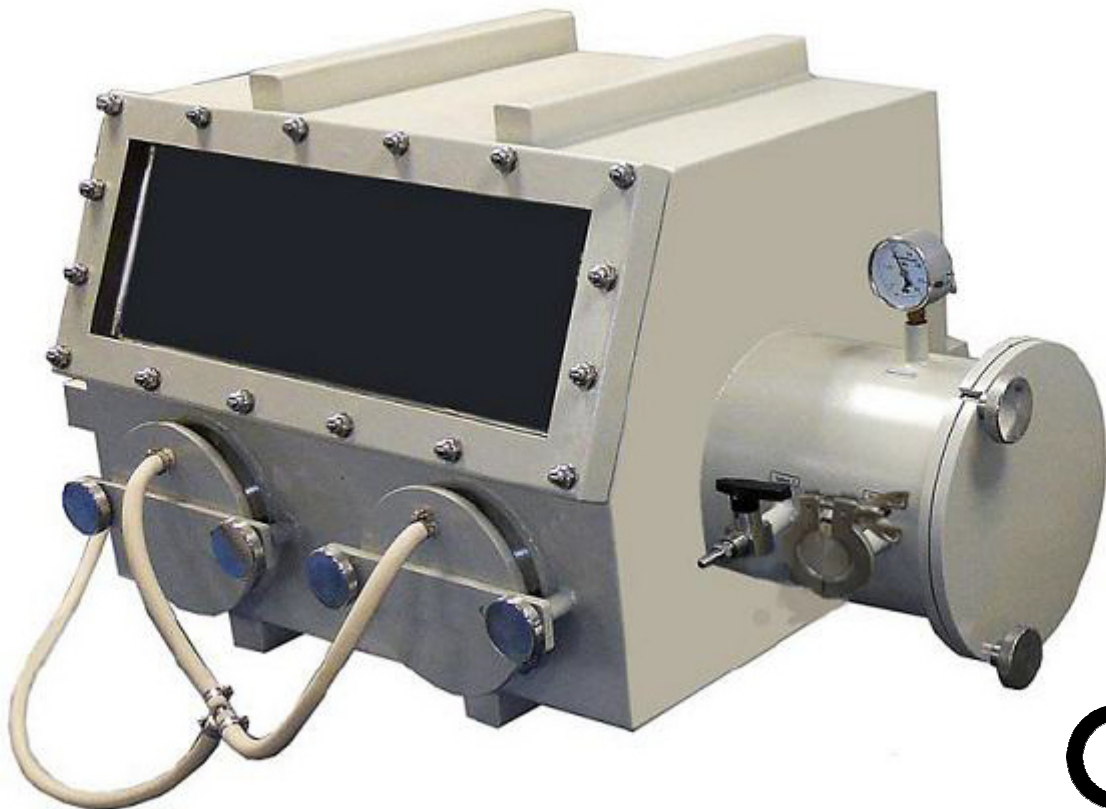


## Vacuum Glove Box

**Model: VGB-1**

Stainless steel with Airlock chamber, heavy duty, with vacuum system



VGB-1 is a small 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 materiales 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:	555 x 444 x 414 mm (LxWxH )
Max. Positive Pressure:	810 Torr (1.1 atm) <b>Note:</b> Gloves cannot work if pressure is higher than 810 Torr
Max. Vacuum Level:	0.5 Torr <b>Note:</b> Stainless Steel case may deform at higher vacuum level
Leakage Rate in Glove Box:	< 6 Torr/hour

## Air-lock Chamber

Dimensions:	200 mm (ID) x 270 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.

One KF-25 connector is installed in the back for connecting humidity monitor 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 are included for immediate use

### 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)

Vacuum pump and fittings are not included.

**Note:** A KF25 Vacuum Right-Angle Valve is necessary for connecting to vacuum pump.

Product Dimensions 1186 x 480 x 490 mm (LxWxH)

