

ACRYLIC GLOVE BOX - VGB-2(Y)

Application:

- * Glove box is used to isolate contamination-sensitive materials in a controlled environment or to contain biohazards.
- * Glove box is available in application-sensitive materials, including chemical-resistant and static –dissipative plastic.



Features:

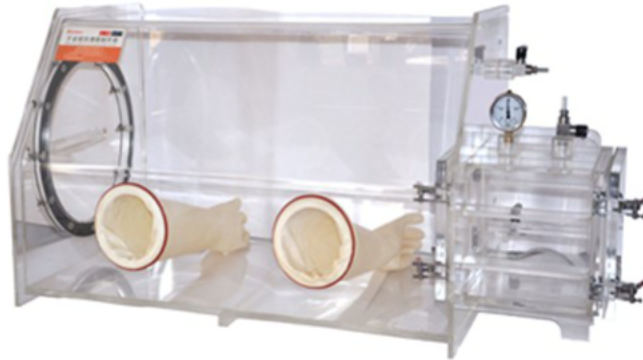
(VGB-2)

- * Bench-top transparent glove box offers larger inert gas environmental workspace with vacuum air locker and side door.
- * The Glove box is made of transparent polycarbonate for clear viewing from any angle.
- * Polycarbonate construction affords resistance to a wide range of chemicals, high-impact strength and scratch-resistance and the smooth, hemispherical interior cleans easily.

Specifications:

Model	VGB-2 (Standard)	VGB-2Y
Material	Plastic	
Plastic Type	Acrylic	
Air Locker Chamber Size	240 L x 240 W x 240 H mm	
Containment Chamber Size	900 L x 500 W x 500 H mm	
Product Overall Size	1250 L x 500 W x 500 H mm	
Net Weight	25kg	28kg
Pressure Controller	No	Yes
Glove Box Gloves	Latex Glove (Standard)	
Option	1) Pressure Controller 2) Humidity Automatic Controller	

Acrylic Vacuum Glove Box With Large Vacuum Antechamber For Universal Testing Research



Model : VGB-2



Description

VGB-2 GLOVE BOX TECHNICAL DATA:	
Case Material:	Made of 6mm Acrylic material with acrylic reinforcing rib
Main Chamber Size:	900 L x500 W x500 H mm
Air-lock Chamber Size:	240mm(L) x 240mm(W) x 240mm(H)
Gloves:	Latex Glove (Standard)
Glove port's size:	151mm(D)
Main Chamber Door External Size:	400mm(D)
Main Chamber Door Internal Size:	340mm(D)
Electrical feedthrough:	220V 50Hz / 110V 60Hz
Warranty:	One year limited warranty with lifetime support
Net Weight:	25kg

OPTION VARIOUS SIZE FOR YOUR CHOICE									
Model	Main Chamber Size (L x D x H mm)			Air-lock Chamber Size (L x D x H mm)			Main Chamber Vacuum Function		
	A Type	B Type	C Type	A Type	B Type	C Type	A Type	B Type	C Type
AGB-1	300*400*500			No	240*240*240		No	No	-0.1Mpa
AGB-2	700*450*550			No	240*240*240		No	No	-0.1Mpa
AGB-3	800*550*600			No	240*240*240		No	No	-0.1Mpa
AGB-4	900*500*500			No	240*240*240		No	No	-0.1Mpa
AGB-5	900*600*700			No	240*240*240		No	No	-0.1Mpa
AGB-6	1000*750*700			No	240*240*240		No	No	-0.1Mpa
AGB-7	1100*650*600			No	240*240*240		No	No	-0.1Mpa
AGB-8	1200*800*700			No	240*240*240		No	No	-0.1Mpa

A- Without airlock chamber /Radiation resistant, Isolated and Dustproof /unable to be vacuumized. Thickness:6-10mm
 B- With airlock chamber /Anaerobic, Anhydrous /Transit room can be vacuumized. Thickness:6-10mm
 C- With airlock chamber /Anaerobic, Anhydrous /Main box and transit room all can be vacuumized. Thickness:20-40mm

OPTION SPARE PARTS AND SENSORS

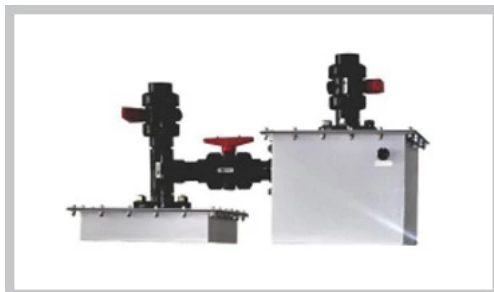


Option Automatic Humidity Controller

Specification: Automatic adjustment and control the humidity inside the chamber. The humidity value can be set according to customer requirements.
Humidity Controller Range: 1%RH~ambient relative humidity
Gas Flowmeter: 1 Unit
Humidity Sensor: 1 Unit
Solenoid Valves: 2 Units
Humidity recording function (Option): The controller has RS232 feedthrough, which could be connected with the computer for humidity recording function. (The CD software and cable is an option)

Option Automatic Pressure Controller

Specification: Automatic adjustment and control the pressure inside the chamber. The pressure value range can be set according to customer requirements.
Suitable for: The glove box could not be vacuumized; Acrylic material glove box.
Pressure Sensor: 1 Unit
Solenoid Valves: 2 Units



Option Hepa Filter System

Specification: Easily configurable closed- or open-loop system provides isolation for product protection or containment for environmental protection.
Function: Ideal for removing fine pharmaceutical powders, aerosols and most microbial contaminants.
HEPA Air Filters: Intake HEPA Air Filter, 99.97% 0.3µm.
 Exhaust HEPA Air Filter 99.97% 0.3µm.
Brushless DC motor: Brushless DC motor eliminates carbon contaminants, provides ultra-clean, high-static pressure operation.
Blower: 480CFM impeller blower module 120 VAC/60Hz, mounted on the second hepa filter.

Option Sensors

Oxygen Sensor&Display: 128x64 LCD display window, parameters can be set free and operation is easy. Display range: 1000ppm~20%; Without controlling function.
Moisture Sensor: Range 0-1000 ppm, has an accuracy of 0.1ppm. Without controlling function.
Oxygen Sensor: Range 0-1000 ppm, has an accuracy of 0.1ppm. Without controlling function.

