

Glove Box System (Premium)

Modular Design: Flexible configuration to suit various laboratory needs.

Spacious Dimensions: Main box size of 1200 x 900 x 800 mm for ample workspace.

Safety Glass Front: Made from durable safety polycarbonate for enhanced visibility.

Durable Shell Construction: Stainless steel body with a powder-coated finish for superior corrosion resistance.

Scratch-Resistant Interior: Brushed, anti-corrosive coating ensures easy maintenance and longevity.

Height-Adjustable Shelves: Three stainless steel (SS 304) shelves for versatile storage options.

Glove Ports: Two glove ports with 6" neoprene or butyl gloves for secure handling of materials.

Chemical-Resistant Window: Inclined design for improved visibility and durability against chemicals.

Efficient Lighting: Fluorescent lighting system for optimal illumination.

Customizable Gas Options: Working gas specifications tailored to customer requirements.

Robust Vacuum System: Equipped with a rotary vacuum pump, achieving a rough vacuum of 760 Hg.

Advanced Control System: PLC-controlled operating system for seamless operation, complemented by foot switch control.



Antechamber and Vacuum Features

Cylindrical Antechambers: Two antechambers (300 D x 400 L mm and 150 D x 250 L mm) for effective material transfer.

Analogue Vacuum Gauge: Compound gauge for precise monitoring of vacuum levels.

Feed Through Options: Three KF 40 flanges for additional access.



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Gas Purification System

- User-Friendly Operation:** Touch screen interface for convenient access to the glove box.
- Versatile Control:** PLC manual and automatic control capabilities.
- Power Supply:** 220V/50Hz for reliable operation.
- Working Gases:** Supports nitrogen, argon, and helium.
- Airtight Functionality:** Capable of dewatering and deoxygenating materials.
- High-Quality Materials:** Container made from SUS304 stainless steel and DN40 pipeline.
- Impressive Circulation Capacity:** 90 m³/h for efficient gas flow.
- Effective Purification:** Copper catalyst (6 kg) and molecular sieve (6 kg) for optimal removal of contaminants.
- Moisture and Oxygen Index:** Maintains levels below 10 ppm.
- Valves:** Main valve (DN40KF) and electric angle valve for precise control.

Component	Specification
Design	Modular design
Main Box Size	1200 x 900 x 800 mm
Front Glass	Safety polycarbonate
Shell Construction	Stainless steel with powder coating
Interior Finish	Brushed, anti-corrosive
Shelves	3 adjustable SS 304 shelves
Glove Ports	2 numbers
Gloves	6" neoprene or butyl gloves
Lighting	Fluorescent lighting system
Vacuum Pump	Rotary vacuum pump
Vacuum Level	Rough vacuum 760 Hg
PLC	PLC controlled operating system
Humidity Sensor	Imported humidity sensor



Models

Model	No.of.Ports	Volume (L)	Dimensions
GBP 2/0.8	2	864 L	1200x900x800
GBP 3/1.2	3	1264 L	1800x900x800
GBP 4/1.8	4	1867 L	2400x900x800
GBP 4B/0.8	4	864 L	1200x900x800
GBP 6/1.2	6	1264 L	1800x900x800
GBP 8/1.8	8	1867 L	2400x900x800