

# Glove Box System

## (Basic)

**Modular Design:** Flexible and customizable to meet various needs.

**Compact Size:** External dimensions of 750 x 600 x 550 mm; internal dimensions of 740 x 590 x 550 mm.

**Safety Glass:** 300 x 400 mm polycarbonate front glass for visibility and protection.

**Durable Construction:** Stainless steel shell with powder coating for corrosion resistance.

**Scratch-Resistant Interior:** Brushed, anti-corrosive finish for easy cleaning.

**Adjustable Shelving:** Three height-adjustable SS 304 shelves.

**Glove Ports:** Two ports for easy material handling with 6" neoprene or butyl gloves.

**Chemical-Resistant Window:** Inclined panel for enhanced visibility.

**Fluorescent Lighting:** Bright interior lighting for clear visibility.

**Custom Gas Options:** Working gas specifications based on customer needs.



## Vacuum System

**Rotary Vacuum Pump:** Effective evacuation, achieving a rough vacuum of 760 Hg.

**Vacuum Gauge:** Analogue compound gauge for monitoring levels.

**Antechamber:** Cylindrical design (200 mm D x 300 mm L) for material transfer.

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



## Control System

**Solenoid Valves:** Two for gas inlet and outlet control.

**Foot Switch:** For easy pressure adjustments.

**PLC Control:** Integrated system for seamless operation.



# Glove Box System

(Basic)

Component	Specification
Design	Modular design
Outside Dimensions	750 x 600 x 550 mm
Inside Dimensions	740 x 590 x 550 mm
Front Glass	Safety polycarbonate (300 x 400 mm)
Shell Construction	Stainless steel with powder coating
Interior Finish	Brushed, anti-corrosive
Shelves	3 adjustable SS 304 shelves
Glove Ports	2 numbers
Vacuum Pump	Rotary vacuum pump
Vacuum Level	Rough vacuum 760 Hg
PLC	PLC controlled operating system



## Models

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

