

## Glove Box( single station 4 ports)



### **Type: LAB2000/MB200G Glove Box**

#### **Specifications:**

Dimensions,1800mm wide x 900mm high x 750mm deep-Type 304 Stainless Steel, removable end panels. Equipped with 9 3/4"butyl gloves, designed to seal around 9" aluminum glove port-Large15" Diameter x24"long vacuum chamber with piston operated doors included. Chamber has sliding tray.RV-8 Edwards 10 CFM Vacuum Pump Included.

#### **Gas Purification**

Designed to maintain <1 ppm O<sub>2</sub>&H<sub>2</sub>O.Capacity of 20/30 liters of O<sub>2</sub>&2.6/3.6kg of moisture before re-generation. Lindy Molecular Sieve, and BASF R3-11 Copper Catalyst.

#### **Column Valves**

Automatic BOC Edwards electro pneumatically controlled.

#### **Circulation**

90m<sup>3</sup> /h continuously variable blower, with vibration control. Pressure tested stainless steel enclosure.KF-40 Fittings.

## Microprocessor Control System

Includes self diagnostics, self start up after power failure, pressure controls, automatic adjustable, Regeneration control, circulation control, password protection, O2&H2O read out, integrate with freezer, vacuum ovens, vacuum chamber controls. L.C.D. display.

## Valve Block

All SMC valves to control glove box functions. Easy access and LED indication.

## Filters

Inlet and Outlet 0.3Micron HEPA classified. Easily replaceable.

## Fittings

Additional KF-40 and 3/8 inch Swagelok Bulkhead fitting available.

## Power

6 outlet power strip located inside workstation.

## External Pressure Control

Foot Pedal available to control Gas and Vacuum.

## Light Hood

30 watt Florescent Lamp

## Window

MR-10 Lexan,3/8 Thickness with Omega Profile gasket seal

## Purge Valve

Auto Purge Valve, unless otherwise Specified.

## Caster/ leveling System

All in one free spinning casters ,with Adjustable leveling feet.

## Power Requirements

220-240V , 50Hz

## Optional Accessories:

Six Inch Vacuum Chamber

Stainless Steel with hinged outer door to prevent damage. Allows for rapid entry of small objects.

## Oxygen Analyzer

Measures trace amounts of oxygen within an inert environment. Displays in units of ppm.

## Moisture Analyzer

Measures absolute content of water vapor within an inert environment. Displays in ppm, and dew point.

## Solvent Removal

Inline Carbon Filter, designed to protect catalysts and sieves.