

View online: <http://www.labconco.com/product/precise-basic-glove-boxes-3/449>



Catalog Number: 5220020

Overview

Precise Basic Glove Boxes are designed to provide a leak-tight physical barrier between the user and the materials inside the glove box. These simple, economical boxes are designed to allow the user to customize them with accessories to meet specific applications.

Specifications

- **Weight:** 255.0 lbs
- **Weight metric:** 116.0 kg
- **Dimensions:** 52.7" w x 31.6" d x 40.0" h
- **Dimensions metric:** 135 x 80 x 102 cm
- **Electrical:** 230 volts, 50 Hz, 4 amps
- **Region:** International
- **Built-In Options:** None
- **Conformance:** CE
- **Filter Type:** None
- **Interior Working Width:** 33.5"
- **Liner Material:** Polyethylene
- **Number of Glove Ports:** Two
- **Power Cord & Plug:** 230 volts, 4 amps, no plug
- **Primary Application:** Isolation from environment
- **Product Subcategory:** Basic Glove Box
- **Required Accessories:** Supporting Base

Description

Features

- One-piece molded, medium-density polyethylene shell. Labconco recommends this website for a comprehensive listing of chemical resistance data for polyethylene.
- Dry powder epoxy-coated steel superstructure
- 1/4" thick laminated safety glass viewing window, 26.4" wide x 12.5" high, removable for loading equipment, with powder-coated steel frame and neoprene gasket
- Space-saving inner and outer transfer chamber doors that pivot upward, are counterbalanced and equipped with quick-latches
- Black, chemical-resistant work surface sealed to the glove box floor
- Interior ceiling-mounted electrical duplex receptacle with 5 amp maximum circuit load
- Neoprene gloves, size 9 3/4, are included.
- Fluorescent lamp, 22 watts, with easy replacement from the top
- Switches for light and innermost interior electrical receptacle
- Approximately 13 cubic feet of interior space in main chamber
- 11.0" nominal ID x 12.0" long transfer chamber
- Factory leak tested with a mass spectrometer while glove box is pressurized with helium at 5 inches of water gauge
- No detectable leaks greater than 1×10^{-4} ml/sec
- Meet Class 1 atmosphere containment conditions for oxygen leak rates per ISO 10648-2 test method
- Transfer chamber interior interlocking shelf of dry powder epoxy-coated steel
- ETL listed (115 volt models)
- CE Conformity (230 volt models)

Options

- International electrical configurations

Required Accessories

- Adjustable Height Base Stands
- Base Cabinet
- Work Surface

Optional Accessories

- Acrylic Viewing Window
- Add-A-Valve Kit
- Automatic Pressure Controller
- Complete Valve Set
- Diaphragm Pumps
- Electrical Power Strips
- Exterior Transfer Chamber Shelf
- External Glove Port Covers
- Gas Fill/Vacuum Purge Tubing Kits
- Gloves and Glove Box Accessories
- Hanging Shelf Accessories
- Hygrometers
- Oxygen and Moisture Removal Column
- Oxygen Monitors

- Pressure Relief Valve
- Pressure Relief Valve Vent Kit
- Remote Blowers
- Storage Shelf Kits
- Trap Inserts

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