



Isolation Glove Box



Price: RFQ
Product Code: 2100-4-E
Manufacturer: CLEATECH LLC
Made in: U.S.A

Lead-time Usually ship in 2-3 week

Description: Cleatech's 2100 Series Isolation Gloveboxes provide a clean, low-humidity, Oxygen free environment for laboratory, cleanroom, electronic assembly and other critical processing operations in such industries as semiconductor and pharmaceutical manufacturing. These Gloveboxes set up for Positive pressure operations and when utilized with automatic purge control units, they can maintain a preset relative humidity or oxygen level using an inert gas such as Nitrogen.

These economical Glovebox chambers are available in clear Acrylic, clear non-dissipative PVC, Static dissipative PVC, polypropylene with two and four glove ports. They could be used with any control modules for humidity / dehumidification and static neutralization. They can work with Nitrogen, Argon and Clean Dry Air (CDA) Source.

Standard Features:

- 1/4" Thickness Clear Static Dissipative Acrylic, eliminates static charges keeping the dry box clean and it does not attract particles from the air.
- Overall dimensions (Main chamber): 60"W x24"D 25"H Overall dimension (Airlock): 11.750" Wx10.5"DX10.5"H
- Two access doors open inward (or outwards upon request) with stainless Steel door frame, hinge, one-piece non-Adhesive sealing.
- Side door opening 10"x10"
- Removable fully gasketed back wall for operations involving large equipment. (Fixed by screw)
- Four 8" OD glove ports that accept standard dry box gloves with 8" cuff size.

Standard Options:

- Airlock Pass-through Transfer Chamber measure (ordered separately) minimize nitrogen loss and contamination inflow.
- Gas-in port & Pressure relief valve are required if using Nitrogen or any inner gas to reduce humidity. Pressure relief Valve provides safe pressure relief and helps to purge the moisture out the chamber.
- Single cord or Multi-cord Air-Tight Cord Grips, for cord diameter .08" to 1.25" Ideal for power cord data & internet cables, USB monitor & printer connector.
- Hospital Grade Power Strip with four power outlets
- Stand with Caster Epoxy Power Coated Steel, 30" / 35" Height
- Dry box gloves / Bare hand (IRIS port)
- Automatic purge control unit with RH or O2 sensor Oxygen monitor.
- Stainless Steel tray / work surface. (Main Chamber only), including grounding terminal.

Package Info:

- Package Type: Crate
- Package Dimensions: 65"Wx30"Dx34"H with Airlock: 77"Wx30"Dx34"H
- Approximate Gross Weight: 145 lbs. With Airlock: 175 lbs.