



## Four- Port Multi-Configure Closed- Loop Filtration Glove Boxes 2400 Series



**Price:** RFQ

**Product Code:** 2400-4-M

**Manufacturer:** CLEATECH LLC

**Made in:** U.S.A

**Lead-time** Usually ship in 2-3 week

**Description:** These Closed Exhaust loop glove boxes filter inside atmosphere by Continuous Recirculation. The valve lets you set the percentage of fresh air entering the chamber. Air recirculates through a 99.97 (@ 0.3µm particles) HEPA filter (or ULPA 99.997% @.12M). The filter removes particulate and other contaminants to provide a clean process environment.

It includes a 510-CFM adjustable speed impeller blower unit, Mounted in a polypropylene housing. Material available in Clear Acrylic, non-dissipative PVC and Static Dissipative PVC (ESD Safe)

### Standard Features:

- ¼" Thickness Static (Clear Static-Dissipative Acrylic, eliminates static charges keeping the dry box clean and it does not attract particles from air.
- Overall dimensions (Main chamber): 60" w x 24" D x 25" H Overall dimensions (Airlock): 11.750" W x 10.5" D x 10.5" 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" x 10").
- Blower Module, Adjustable speed, Backward curved impeller 480-CFM, Permanently lubricated, Automatic reset thermal overload protection, 120VAC, 60Hz, UL Listed; CSA Certified in a Polypropylene Housing.
- Primary HEPA Filter 99.97% efficient at trapping particles as small as 0.3 microns. Filter media is ultrafine glass fiber, Maximum temperature is 180° with 3" thick meet UL Class 2 flame retardance requirements.
- Removable fully gasketed back wall for operations involving large equipment

### Standard Options:

- Secondary HEPA Filter 99.97% efficient at 0.3 microns or ULPA 99.997% efficient at 0.12 microns With 3" thick removes contaminants from the exhaust gas to make it safe for indoor release
- Gas-in port & Pressure relief valve are required if using Nitrogen or any inert gas to reduce humidity.
- Hospital grade power strip with four outlets provides 110 VAC if a power outlet is needed inside the glove box.
- Automatic Nitro Purge Control Unit **Type S\*** and Automatic Nitro Purge Control Unit **Type D\*\***
- Oxygen Monitor (oxygen analyzer) with a single range of 0-100% (-/+1%)
- Stainless Steel Work Surface or Spill tray preventing scratching, recommended for static Dissipative PVC gloveboxes to protect Anti-static coating.
- 30" Height Stand, Cleanroom Compatible Epoxy Power Coated Steel for Glovebox including caster (two locking). (Also Available with leveling mount).

### Package Info:

- Package Type: Crate
- Package Dimensions: 65" x 30" x 54" With Airlock 78" x 30" x 48"
- Approximate Gross Weight: 185 lbs. With Airlock 205 lbs.