



Four Port Simple Closed-Loop Filtration Glove Boxes 2400 Series



Price: RFQ

Product Code: 2400-4-L

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 the air.
- Overall dimensions (Main chamber): 60"w x24"DX 25"H Overall dimensions (Airlock): 11.750"Wx10.5"D x10.5"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").
- 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 99.999% 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: 66"x30"x48" With Airlock 78"x30"x48"
- Approximate Gross Weight: 180 lbs. With Airlock 205 lbs.