

# POWDER TRANSFER CHARGING GLOVE BOX ISOLATOR



**ENGINEERED FOR OEL CONTAINMENT BAND LEVEL 4  
CUSTOM CONFIGURATION SHOWN**

## **STANDARD FEATURES**

- Fully welded 12 ga. 304 stainless steel construction with #4 finish on both exterior and interior surfaces. All welds are ground smooth and polished to matching finish.
- All interior corner transitions are covered for ease of cleaning.
- Hinged service and equipment introduction door.
- Support frame is 14 ga 3" sq. 304 stainless steel tube with a brushed #4 finish with leg levelers and box suspension stanchions to suspend glove box off frame for ease of cleaning between assembly.
- Hydraulic lift system for frame and drum lift.
- 3/8" thick clear laminated safety glass lift up gull wing view panel. 10" dia. Round stainless steel glove ports with compression seal rings.
- One piece Hypalon rubber gloves and sleeves.
- Motorized exhaust HEPA Filtration 99.99% eff. @ .3 microns. Gel seal to chamber.
- Lighting is LED type Low pressure audible visual alarm.
- Minihelic gage to monitor HEPA filter pressure differential.
- Magnehelic gage to monitor chamber pressurization. In negative or positive pressure configuration.
- Illuminated power and light switches.
- Tri-clamp and cap penetrations into main chamber for service connections A/R.
- FDA approved D-Bulb silicone gasket
- Locking casters
- Machined Delrin pneumatically actuated doors

## **STANDARDS CONFORMANCE**

- Complies with AGS-G001 guidelines for glove box standards.
- All Stainless steel materials used in the construction of this equipment conforms to AISI and SAE standards.
- All filters are PSL challenged at factory to insure media integrity. Certificates of conformance are available upon request.
- System performance meets or exceeds standards as specified in Fed. Std. 209E for Class 100/ISO-5 conditions and IES-RP-CC-002.
- USP 795 , 797 , 800 COMPLIANT
- Containment band level 5
- All electrical wiring is in conformance with NEMA standards.
- All sealants and gaskets used in the construction of this equipment are FDA approved.
- Complete test procedures and protocols available upon request.

**NOTE:** All **Isolation Systems, Inc.** isolators are designed, engineered and manufactured to the highest standards, fully utilizing state of the art design and manufacturing processes. Complete as built drawings are submitted to our customers for their approval prior to manufacturing to assure total compliance with their requirements and specifications. Upon completion each isolator is fully tested for seal integrity and performance. A complete installation , operation and maintenance manual is provided including all test and certification reports, electrical and control schematics, certified final drawings, replacement parts lists, and component specification sheets, sufficient to compile your IQ'S , OQ'S and SOP'S. Isolator testing and validation protocols and procedures are available for your review upon request.

Thank you for considering **Isolation Systems, Inc.** for your containment equipment needs.

MODEL #	DESCRIPTION	ELECTRICAL	INTERIOR DIMENSIONS
PTC-1	Single Station	120V / 60HZ / 1 PH	42"w x 30"d x 30"h
PTC-2	Double Station	120V / 60HZ / 1 PH	78"w x 30"d x 30"h

*All information herein is subject to change without notice.*

*all catalog dimensions nominal.*

