

TRACE METAL ANALYSIS POLYPROPYLENE GLOVEBOX ISOLATORS



**POLYPROPYLENE ACID RESISTANT
GLOVE BOX ISOLATOR**

STANDARD FEATURES:

- Fully welded Natural white polypropylene. exterior and interior surfaces. All welds are ground and polished to matching finish.
- All interior corner transitions are blended smooth for ease of cleaning.
- Fixed or Hinged service and equipment introduction lift up front sash with gas cylinder assist.
- Support frame is 14 ga 2" sq. 304 stainless steel tube with a brushed #4 finish with sanitary leg levelers.
- 3/8" thick clear acrylic or clear PVC glass view panel. Potted to structure for enhanced seal integrity.
- 10" dia. round glove ports with compression seal rings.
- One piece Hypalon coated rubber gloves and sleeves.
- Lighting is LED type.
- Power and light switches.
- Sealed bulk head penetrations into main chamber for service connections A/R.
- HEPA filtered 99.99% eff. @.3 microns. Gasket sealed to chamber at intake (supply) and exhaust.
- FDA approved silicone gasket.
- Differential pressure gages to monitor internal and filter differential.
- Integral blower system.
- 115V 60Hz 1 Ph electrical.
- Cl-1 Div-1, Cl-1 Div-2, Cl-2 Div 1.

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 COMPLIANT
- 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
ISO-PI-1	Single Station Negative Pressure	120V / 60HZ / 1 PH	42"w x 26"d x 30"h
ISO-PI-2	Double Station Negative Pressure	120V / 60HZ / 1 PH	78"w x 26"d x 30"h

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

**All catalog dimensions are nominal.*



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