

LAB GRADE POSITIVE OR NEGATIVE PRESSURE GLOVEBOX ISOLATORS



ENGINEERED FOR NEGATIVE OR POSITIVE PRESSURE APPLICATIONS

AVAILABLE FEATURES:

- Fully welded 12 ga. 304 or 316L 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 coved for ease of cleaning.
- Pass thru chamber for material introduction.
- 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 leg levelers.
- 3/8" thick clear laminated safety glass view panel.
- Self holding lift up Gull wing view sash.
- 10" dia. round Stainless Steel glove ports with compression seal ring.
- One piece Hypalon rubber gloves and sleeves. Optional materials available for gloves.
- HEPA filtered 99.99 % eff @ .3 microns. Gel sealed to chamber.
- ULPA filters 99.9995 eff @ .12 microns.
- Hydrophobic HEPA & ULPA Filtration available.
- Butterfly valves for chamber seal during filter change out.
- Lighting is LED type.
- Low pressure audible visual alarm.
- Minihelic Differential Pressure Gauge to monitor HEPA filter pressure differential.
- Magnehelic Differential Pressure Gauge 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.
- Hydraulic auto height adjustment.
- Gas Monitors and Alarm systems.
- Humidity and Temperature Monitors.
- CI-1 Div-1, CI-1 Div-2, CI-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, 797 & 800 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-LNP-1	Single Station Negative Pressure	120V / 60HZ / 1 PH	42"w x 26"d x 30"h
ISO-LNP-2	Double Station Negative Pressure	120V / 60HZ / 1 PH	78"w x 26"d x 30"h
ISO-LPP-1	Single Station Positive Pressure	120V / 60HZ / 1 PH	42"w x 26"d x 30"h
ISO-LPP-2	Double Station Positive 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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