

# ASEPTIC BARRIER ISOLATOR



## STANDARD FEATURES

- Fully welded 12 ga. 316L stainless steel construction with #4 finish on both exterior and interior surfaces. All welds are ground smooth and polished to matching finish.
- self holding lift up Gull wing view sash.
- All interior corner transitions are covered 1" radius.
- Pass thru chamber for material introduction & removal.
- Hinged service and equipment introduction door.
- Support frame is 14 ga 2" sq. 316 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.
- 3/8" thick clear laminated safety glass view panel. potted to structure for enhanced seal integrity.
- 12" dia. round 316 SS glove ports with compression seal rings.
- One piece Hypalon rubber gloves and sleeves.
- Motorized Unidirectional supply HEPA filtration 99.99% eff. @ .3 microns. Gel seal to chamber.
- PLC Controlled VFD Blower speed control
- VHP circulation fan within chamber.
- Integrated automatically actuated VHP introduction and extraction circuit
- Sliding tray and internal storage system
- Lighting is LED type
- Low pressure audible visual alarm.
- Digihelic gage to monitor HEPA & Chamber pressure differential.
- PLC control all functions of isolator and gassing cycle
- Illuminated power and light switches.
- Connections for VHP level monitoring.
- Tri-clamp and cap penetrations into main chamber for service connections.
- Transfer chamber VHP introduction as required

## POSITIVE PRESSURE UNIDIRECTIONAL DOWN FLOW-FILL LINE ISOLATOR SHOWN

### 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.

### OPTIONAL FEATURES :

- Steritest Equinox Isofit pump
- VHP generator
- Hydrophobic HEPA & ULPA filtration.
- Security sensor for VHP High & Low Levels
- Integrated VHP circuit
- In Lab VHP security monitoring system
- Sterisart NF Sartorius
- VHP cycle development & PQ
- Humidity and temperature sensor
- Paperless data recorder
- Rapid decontamination chamber
- Air flow sensor
- Viabiles impactor
- Viabiles testing
- Particle counter
- Hydraulic Height adjustment
- Automated or Manual control valves

MODEL #	DESCRIPTION	ELECTRICAL	INTERIOR DIMENSIONS
STI-1	Class 100 Single Sided Isolator	120V / 60HZ / 1 PH	42" w x 26" d x 30" h
STI-2	Class 100 Double Sided Isolator	120V / 60HZ / 1 PH	42" w x 50" d x 30" h

All information herein is subject to change without notice.

all catalog dimensions nominal.

