



IsoMAT Type 1 Positive Pressure Isolator ***2 or 4 Glove Models***

Ergonomically designed Stainless Steel Isolator with double HEPA filtered Type D transfer hatches with interlocked hatch doors. The IsoMAT Type 2 Isolator provides unidirectional downflow air in the work area with good access and easy to clean interior surfaces.

APPLICATIONS:

Preparation of IV Solutions, Eyedrops, TPN Compounding and Bagging, Ampoule Filling, Civas (Central Intravenous Additive Service), Sterility Testing

MAIN FEATURES INCLUDE:

- * Stainless steel welded single piece construction.
- * Large sleeve ports for improved operator mobility.
- * Electro-interlocked inner and outer transfer hatch doors with timed delay.
- * Double HEPA filtered 'D' type transfer hatches to give very high operator protection.
- * High air change rates to provide rapid clean-up of airborne contamination.
- * No removable work trays in workarea to cause cleaning problems.
- * Easy clean interior.
- * Easy opening hinge down front screen providing good access to load large items and aid filter change.
- * Main HEPA filter located in rear of workarea.
- * Downflow of main HEPA filters changed from within work area to eliminate contamination.
- * Membrane control fascia with digital pressure gauges for work area and transfer hatches.
- * HEPA filters to 99.999% efficiency to 0.3micron.
- * Sterile glove change system.
- * Comfort support frame with lockable castors or levelling feet and ample knee room and foot support for operator comfort.
- * Fluorescent lights illuminate workarea.
- * Easily converted from positive to negative mode.
- * Workzone and transfer hatch test ports for testing without compromising sterility.

MODELS AVAILABLE

- * Two or Four glove Isolators

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SPECIFICATION:

MODEL:	DIMENSIONS (MM)		
	W	D	H
2 Glove Model	2300	700	2150
4 Glove Model	3000	700	2150

- Construction:** 316 Stainless Steel throughout with white powder coated finish and polished steel work surface.
- Glove Port Diameter:** 300mm nominal
- Useable work area:** 2 Glove - 1100mm x 530mm
4 Glove - 1800mm x 530mm
- Transfer Hatch Door Opening:**
Outer - 435mm(W) x 295mm(H)
Inner - 300mm(W) x 300mm(H)
- Air Change Rates/hour:** Work Area - 2400 Total Air Changes Per Hour
Transfer Hatches - 1800 Total Air Changes Per Hour
- Operating Pressure:** Work Area 100Pa ± 10Pa
Transfer Hatches 30Pa ± 10Pa
- Lighting Levels:** 750 Lux at Work Surface
- Instrumentation and Controls:** Digital Meters for work area and transfer hatch pressures, plus analogue meter for work area, diagnostic diagram, with power on and pressure alarm indication.
- Noise Level:** 56dBA
- Standards Compliance:** Isolators for Pharmaceutical Applications
HMSO 1994
AS/NZS 4273:1999 (Optional)
- Electrical Supply:** 230Volts/Single Phase/50Hz (other International requirements available)
- Options:** Glove/Sleeve test kit
Pressure decay test kit/sealing lids
Hydrogen Peroxide gassing facilities
Quick change glove system
Height adjustable support frame
Hanging rail
CCTV camera
Battery back-up for alarms (AS/NZ/4273)
Main filter pressure gauge (AS/NZ/4273)
Splashproof electrical sockets
Taps for compressed air, vacuum, etc.
Automatic foot operated vertically lifting inner hatch door.



Type D Transfer Hatch.

OTHER MAT PRODUCTS & SERVICES

- * Microbiological Safety Cabinets
- * Rigid Pharmaceutical Isolators
- * Ductless Fume Cupboards
- * Robotic Safety Cabinets
- * Powder Control Booths
- * Horizontal & Vertical Laminar Flow Cabinets
- * Ultra Clean Air Systems for Operating Theatres
- * Clean Rooms / Aseptic Areas
- * Containment Laboratories
- * Safecare After Sales Service
- * Vertical Laminar Flow Enclosures

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