



IsoMAT Type 2 Negative 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:

Reconstitution and dispensing of cytotoxics and other hazardous medical products.
High level containment of biological materials, balance weighing and other processing of materials subject to COSHH restrictions. High level containment where increased operator and product protection are required.

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 time 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 work area to eliminate contaminated ducts and plenums and ease of filter change.
- * Downflow and main HEPA filters changed from within workarea to eliminate contamination.
- * Membrane control facia 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 negative to positive mode.
- * Workzone and transfer hatch test ports for testing without compromising sterility.

MODELS AVAILABLE

- * Two or Four glove Isolators
- * Ducted or re-circulating

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SPECIFICATION:

MODEL:	DIMENSIONS (MM)		
	W	D	H
2 Glove Recirculating Model	2300	700	2410
2 Glove Ducted Model	2300	700	2150
4 Glove Recirculating Model	3000	700	2410
4 Glove Ducted 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)
- Exhaust Volumes:** 2 Glove (Ducted) - 0.08m³/S
4 Glove (Ducted) - 0.08m³/S
- 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
Exhaust Carbon Filtration
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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