MNT
KWINT INTERNATIONAL B.V.
MEDICAL NUCLEAR TECHNOLOGY

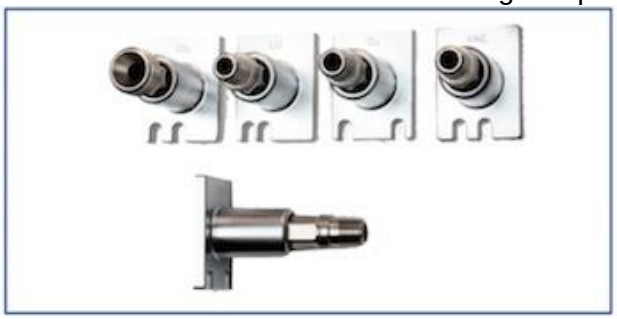
ISOLATOR WITH SLIDING DOOR

- Laminar Down Flow unit built in a closed room. All acc. EN regulations
- Processing chamber has a 10 degrees angle. incl . glove ports
- Pass through with separate thick safety glass access door
- Display internal positive pressure
- Status Indicator
- Stainless steel stand with levelling feet Options include waste chutes and ionizing bar UV Module allows fast, effective sanitizing

This Isolator uses a HEPA-purged, pass-through design to provide an economical solution for compounding pharmacies to meet the performance criteria for isolators

The ISO 5 positive pressure pass through isolates the main chamber from the outside environment and features a sliding glass door for easy transfer of compounding materials

- Low-noise, low-vibration fan/filter unit provides continuous vertical flow of 99.99% particle-free air to meet ISO 5 cleanliness standards
- Neoprene sleeves and 2-groove glove connectors allow operators to easily replace the sterile gloves without opening the isolator and risking contamination
- The large polycarbonate viewing window tilts open to simplify daily deep cleanings or for adding large process equipment
- Inside sensors for positive pressure inside the pass through and main compounding chamber
- Includes externally mounted fluorescent illuminator

Isolator – laminar down flow Glovebox Specifications	
Overall dimensions:	1226 W x 725 D x 1364 mm H, nominal, incl. fan/filter unit; 2385 mm High, chamber exterior
Pass through:	300mm x 300mm x 300mm wide, incl. built in tray
Processing Chamber:	1126 mm x 565 x 984 mm
Housing:	**316L stainless steel (complete working area)**
Viewing Windows:	10 mm thick,
Glove Ports:	250 mm diameter
Lighting:	Internal LED mounted on both sides in the ceiling
Alarms	Built in
Lead specifications	See drawings in documentation, all around 50mm Pb
Dose calibrator	Built in your calibrator unit. (we also can make you an offer)
	Building in a actuator-dipper arm, if needed
Waste unit	1 litre for needles
Place for	Scintomics Synthesis module (3 stackable units)
Statistic report	See example documentation
Easy holder	Medical gasses
Filter/Fan Unit:	Size 870 mm x 445 mm, low-vibration impeller blower module with direct-drive, continuous-duty three-speed fan and 99.99% efficient HEPA filter operates at less than 50dBA
Full-load Amps:	220-240V, 60Hz)
Average CFM:	240 m³/hr)
Air Speed:	Acc EU 12459
Step Stool	1 x stainless steel (easy to clean / decontaminate) step stools for use at the front of the gallium box
Particle counter	Built in
On the back side mounted	4 electrical outlets and a 2 x USB hub and a position where we install a block with stainless steel connectors for tubing compressed air and nitrogen 
	Monitor 17 “built in on back side

Optional:	Air speed sensor
	IV Rod : 6 mm stainless steel rod mounted 228 mm, from the filter face
	Pressure gauge: 0 - 0.25" Magnehelic® gauges monitor internal positive pressure

Inside position of Gallium drawers left - waste & dose calibrator in the middle and right corner the permanent particle counting Class A measurement.

Lead shielding on right-, left-, under & backside **50m**m up till top of isolator.

- building in of a 1 x 2 litre waste-container, shielded with 50 mm lead. Material : stainless steel 316 l
- building-in and mounting of 1 x dose calibrator incl. ionisation-chamber inkl back wall display. Lead shielding of Ionisation chamber is 50mm
- 1 x fixed lead glass 250mm x 250mm, Pb-50mm 511 keV

Position of Pass Through incl. 50mm lead door and status indicator for the alarm of the LAF in the sluice

Drawer position for Ga-68 generator

Complete stainless steel 3.16 Gallium generator drawer for storing of 2 pieces. The Generators can go up and down separately
Lead shielding 50mm all around
It doesn't have a front drawersystem. This by reasons of the tightening of a isolator, so you lift the generator from the front in or by the pass through

2 x Lead covers installed in a service Holder
The drawer is completely closed. The electrical inlay works with an actuator

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