

MEDI 9000 COMBO SHIELDED HOT CELL

Shielded hot cell for preparation and fractionating of PET/SPECT radiopharmaceuticals - All energies, Class A



LEMERPAX



Product description:

The **Medi 9000 COMBO shielded hot cell** is designed for the preparation, fractionating, and measurement of high-energy radiopharmaceuticals for PET and SPECT nuclear medicine activities. It can handle radioelements commonly used in scintigraphy examinations (^{99m}Tc , ^{201}Tl , ^{111}In , ^{123}I , etc.) as well as higher-energy radioelements such as ^{18}F , ^{131}I , etc.

WHY CHOOSE Medi 9000 COMBO Shielded Hot Cell

- **Compatibility:** Accommodates all pots and generators available on the market.
- **Ergonomics and versatility:** A single solution for preparation and fractionating stages.
- **Comfort:** Large, angled shielded viewing window offering enhanced working conditions.

DESCRIPTION

The **Medi 9000 COMBO shielded hot cell** with two glove ports features a Class A (ISO 5) laminar air flow environment over the entire workspace. It ensures safe radiolabelling processes, in compliance with good preparation and manufacturing practices.

The ergonomic arrangement of the workspace (pot, generator, dose calibrator, waste bin) allows safe and simple handling operations (measurement, fractionating, etc.).

Medi 9000 COMBO: a user-friendly shielded hot cell

- **Pot/generator compartment:** Lockable and equipped with two electric lifts to avoid heavy manual handling. Compatible with all models of shielded multi-dose containers and $^{99}\text{Mo}/^{99m}\text{Tc}$ generators.
- **Dose calibrator compartment:** Enables the installation of various measuring devices. Innovative pneumatic lifting system to reduce operator exposure.
- **Waste bin compartment:** Accessible from the work surface with a magnetic opening system, avoiding

cumbersome handles.

- **Shielded airlock chamber:** Stainless steel sliding tray allowing easy insertion and removal of equipment and patient doses.

CHARACTERISTICS

Feature	Details
External dimensions (1/2 airlock chambers)	L 1,511/1,879 x D 1,037 x H 2,018 mm
Hot cell tare weight (1/2 airlock chambers)	4,000 / 4,200 kg
Exterior finish	Painted steel RAL 9010 + ABS
Interior finish	Corian® + 316L stainless steel
Standard equipment	1 airlock chamber, 1 shielded pot/generator compartment, 1 shielded dose calibrator compartment, 1 shielded waste bin compartment
Type of lighting	Naotek IP65 LED strip
Brightness	> 1,000 lux
Germicidal UV	2 x 9W G23 UV bulbs
Shielding thickness	40 mm of lead

Reference: LEM00034074