



# Manual remote- controlled FDG injection shielded system

Réf. DIA

## Principle

The manual remote-controlled FDG injection shielded system from Lemer Pax allows to protect the operators during the isotope injection, when connected to the patient by a catheter, by using the manually activated remote system behind a protective screen. The syringe, in its tungsten syringe-shield (Ref. PSW5 or 10), is vertically introduced in a 30 mm lead shielded safe. The syringes that can be used with this system have a capacity of 5 or 10cc exclusively. The protection is calculated for a maximum FDG activity of 20 mCi in the syringe and an equivalent rate of the absorbed dose of 25 $\mu$ Sv/h (2.5 mrem/h), at 10 cm of the system and of 10 $\mu$ Sv/h (1.0 mrem/h), at 16 cm of the system. Outside of the safe, a support allows to hang up a NaCl sac (the NaCl is used to rinse the catheter after the FDG injection).

The whole of this equipment is integrated in a trolley with casters in order to move it from the preparation lab to the injection place.

This trolley has two shelves made of a very resistant and hygienic material without join which can be very easily decontaminated (CORIAN®). A serum stand can be added.



## Technical description

- Trolley outside dimensions: L.800 x H.1000 x W.500 mm
- Leaded safe outside dimensions: L.320 x H.160 x W.155 mm
- Weight: 110 kg
- Stainless steel frame trolley
- 4 pivoting casters made of soft tyre included two with break

## CORIAN® makes sense for medical uses:

- Hygienic antibacteriological material, CORIAN® can be easily decontaminated.
- Solid and non porous material, CORIAN® is engineered to withstand most of the chemical products. Its easy maintenance ensures the hygiene and the sterility of the surfaces.
- Warm and pleasant to the touch, it fits the cells comfortably.
- CORIAN® keeps its good looks longer because the solid beauty of CORIAN® goes all the way through. If necessary, CORIAN® can be repaired and restored to its original immaculate appearance. This makes CORIAN® a sensible investment for long-term value.
- The DuPont Quality Network guarantee is a pledge of quality assurance and service after sale. That means peace of mind for you.

