THERANOJET®ARA
INJECTION PUMP SHIELD FOR THERANOSTIC PRODUCTS

Product description:

Why choose Cathpax AF Adjustable ?

Ease of use: quick installation of consumables

No contamination: the vial support makes it easy to set up and to store for decay

Lightweight and mobile: Reduced weight and easy to handle with 4 swivel wheels

Description:

Theranojet®ARA is an injection pump shield designed for the radiation protected intravenous administration of radiopharmaceutical drugs for **RadioPharmaceutical Therapy (RPT)** labelled in particular with 177**Lu**.

This shield can be used for **singledose and progressively fractionable injections** and can be extended to other uses such as other uses such as alpha therapy, and some diagnostic protocols in nuclear medicine.

Lightweight, mobile and versatile, the Theranojet®ARA pump injection shield allows to safely load radiopharmaceuticals, using a removable shielded container, facilitating transport and connection to the vial.

Designed for optimal radiation protection

Theranojet®ARA reduces the risk of contamination to a minimum,**guaranteeing medical staff complete safety during the injection**. Thanks to its secure and configurable pump – as an accessory – it prevents any risk of extravasation or the injection or air bubbles and guarantees flexibility according to the different protocols used.

This lightweight unit with 4 swivel wheels, is easy to handle and move around. Its two side handles allow it to be moved effortlessly to carry patient doses to the injection cubicles.

It is made entirely of stainless steel, and includes a removable containment tray, allowing for simple and quick disinfection and decontamination, when required, without altering the injection unit’s components.

Theranojet®ARA components:

Bag holders are designed to received NaCl (or amino acid) bags and facilitate dose dilution as well as tube rinsing.

The support and vial shield enable the bottle to be turned over, ensuring that all the contents are fully administered. This system, secured by a sterile transfer device, reduces the risk of contamination and needle-stick injuries by facilitating the set up and the decay of the vial at the end of the injection unlike the use of needles which requires risky handling.

The removable containment tray makes it possible to contain the radiopharmaceutical in the event of a possible connection problem. Since the tray can be removed, this makes disinfection and decontamination easier.

The suggested pump with its adjustable screen, ensures that the drug is injected in a configurable, secure way and is also used to rinse the connection to the vial. It self-manages the detection of occlusions and air bubbles. The two channels of the pump enable the progressive injection of the radiopharmaceutical with optimal operator radiation protection.

A protection screen and a protection housing protects the user during the injection. The organic leaded glass transparency makes the tubing and the retention area visible throughout the entire operation. Access to the pump is secure for rinsing the connection to the vial.

Characteristics:

External dimensions (with IV pole):L 712 x D 759 x H 1 760 mm

Shielding thickness:

- Screen made of transparent organic material: eq. 0.5 mm of lead

- - Lower housing made of lead eq. 2mm

Components:

- Dual-pouch IV pole

- Rotating vial shield support with safety features

- Lead protective housing

- Mobile frame

- Protection screen (Transparent organic glass dim.: L 220 x H 170 mm)

- 2 swivel wheels

- 2 swivel wheels with brakes

- Injection kit support

- Document holder

Materials: 304L stainless steel frame and IV pole

Weight: 86 kg

Reference: 00050009