

POSIJET® - INDEPENDENT FRACTIONATION AND INJECTION UNIT For low, medium and high energy radiopharmaceuticals



LEMER PAX



Product description:

The new Posijet® is the result of a continuous improvement work to launch an automatic injector that meets the needs in radiation protection and efficiency during preparation and injection of FDG, FDopa, NaF, FCholine, but also 68Ga

- Efficiency : 100 % of the mother solution is used
- Injection accuracy : (+/- 2%)
- Ease of use : motorised assistance
- Reliability : connectivity, remote maintenance
- Battery autonomy : 8h after 2 h battery loading

The products presented on this page are medical devices and must be used by healthcare professionals. Posijet® offers an unrivaled ease-of-use for preparation and injection of high energy radiopharmaceuticals while guaranteeing highest security conditions and radiation protection. After 18 months, the new generation of Posijet® has been chosen by over 25 nuclear medicine departments and 300 users worldwide. After 5.535 mother solutions injected to 31.624 patients, Posijet® V3 satisfies users every day thanks to its reliability and ergonomics. Radiation protection is optimised with a dose rate inferior to 15 $\mu\text{Sv/h}$ at 5 cm from the walls (with a 37 GBq of FDG mother solution in its 30 mm lead shielded transport pot). Posijet® has been designed to reduce operator's exposure to its minimum:

Injection and rinsing operations in automatic and/or remote manual mode.

Reduction of potential distal doses, with the proposal of a wash out of the dose solution kit at the end of the cycle before unloading.

Posijet® is very easy to use and adapts to your work practices for maximum flexibility :

Automatic mother solution volumic activity check and dilution assistant.

Consumables quick and easy to install.

Intuitive, user-friendly interface.

"Test injection site" function before the administration of the radiopharmaceutical by bolus NaCl (the volume of the bolus is adjustable).

Possibility to reassign an already prepared dose.

Last, Posijet® ensures highest safety conditions for patient and operator:

Maximum dose threshold, air bubble detector, injection force sensor.

Interoperability with all WIFI and ethernet connected radiopharmacy software.

Secure integrated web site allows remote control and monitoring of all operations carried out with Posijet®, accessible on PC and mobile devices (smartphone, tablet, etc.).

Dimensions (mm) : L 620 x D 929 x H 1261

Weight : 380 kg

Dose rate at 5 cm from the walls : Syringe maximum volume : 10 ml

Dilution of the mother solution

Connection to radiopharmacy software: WIFI or ethernet

Compatibility with the following software: Venus, Pharma2000, Gera, DICOM protocol and others upon request

Remote maintenance

Classification: Class IIb Medical Device

Certification for pediatric use

CE marked, Certification for pediatric use

Color: Grey, Blue, Mauve, Green, Pink, Yellow

Reference: LP0019530