

## INJECTION SHIELD FOR PET



### VERSATILE INJECTION SHIELDS FOR NUCLEAR MEDICINE

- SMALL FOOTPRINT
- LARGE WINDOW
- RETRACTABLE STEP
- PATIENT FRIENDLY

The EISHE program was created to provide effective radiation protection with a small footprint and good ergonomics.

The high energy shield provides effective radiation protection of the user during the injection of high energy isotopes and facilitates a close and safe contact with the patient.

# Technical Features



The design has been optimized to enable easy contact with patients and ergonomic handling of injection material. The small shelf on the front (patient side) is height adjustable (3 positions) and can support a load of up to 20 kg.

The large lead glass window provides a perfect view of the manipulations that are in progress and allows eye contact with the patient.

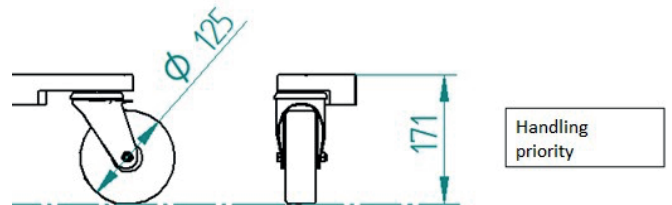
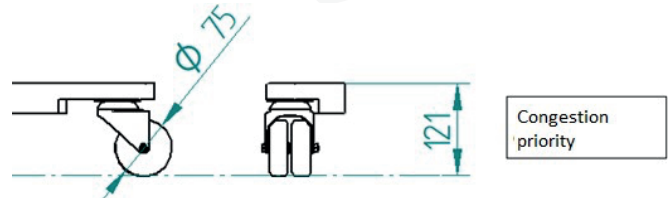
The compact dimensions, two side handles and twin wheels combined with optimized weigh, make it very easy to handle.

## Fit EISHE to your Local Needs:

We propose different wheels and subbases to guarantee the best ergonomics depending on your on site set-up and working conditions.

For a tight spaces and easy passage under beds and armchairs, go for the 75mm twin wheels. This model can pass under beds less than 12 cm.

For increased manoeuvrability, even on soft ground, choose our polyamide wheels with a diameter of 125 mm.

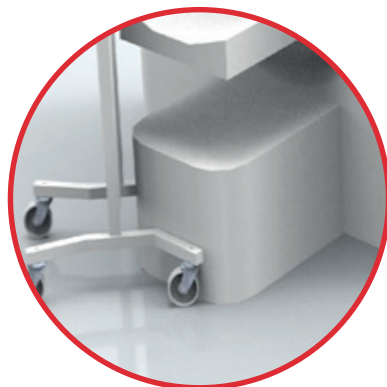


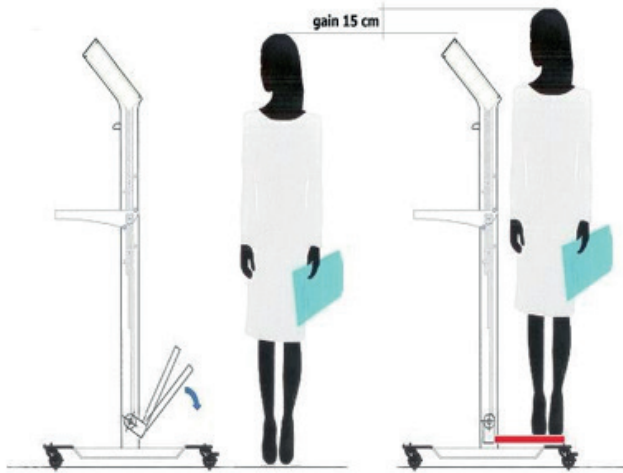
If you have enough space during the injection, choose our standard subbase.



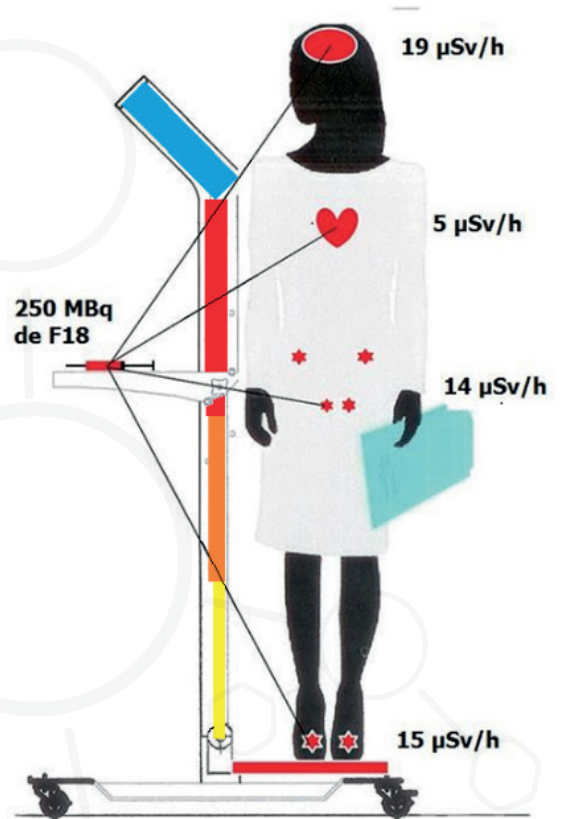
For injections against a closed angle we recommend the tapered version.

We also propose a 90° open angle version.





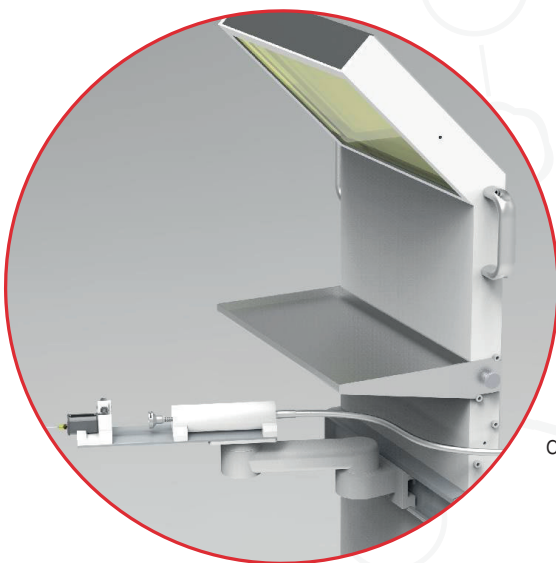
To provide good working conditions for small or tall users, our injection shields have a stowable step. Setting the step down will add an additional 15 cm to the user's height. This small feature combined with the angle of incidence of the window, provides very comfortable ergonomics for people ranging from 1m50 to 1m90 high.



To avoid unnecessary weight and to maintain good manoeuvrability the injection shield was designed following the ALARA principle.

We took in account the distance between the source and the technician's body, the angle of incidence between the radiation and the lead panel, and the maximum dose which can be manipulated, to devise the thickness of the lead shielding.

This balanced design allows a large 40 cm shield with a maximal moved activity of 770 Mbq at the most critical point ensuring excellent radiation protection, with a total weight of only 157 kg.



## Optional upgrades

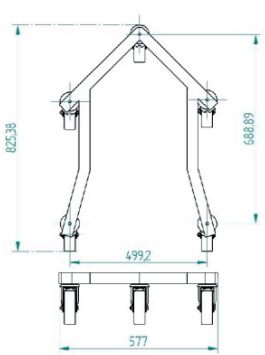
We propose also an optional manual tele-injector arm for remote injection.

The tele-injector arm can be installed either in place of the tablet or derneath it, if the use of the tablet is to be retained.

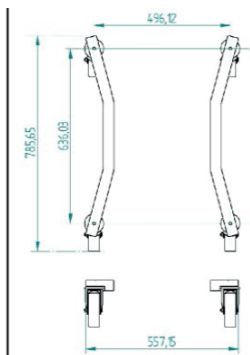
## Technical specifications

<b>Material</b>	Steel, epoxy powder coated
<b>Biological protection (lead)</b>	30 to 10 mm, depending areas (see section)
<b>Lead glass</b>	60 Eq. Pb
<b>Shielded window's dimensions</b>	400 x 280 mm (W x H)
<b>Overall dimensions</b>	400 x 1500 mm (W x H)
<b>Weight</b>	157 kg

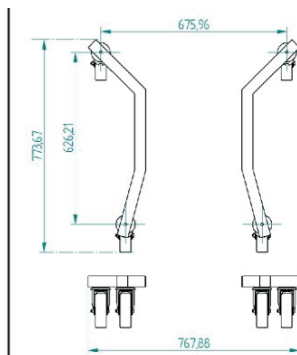
## Physical specifications



Angle bracket



Standard version



90° version



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