

Manual Dispensing Unit

CE-marked medical device

Lynax
PT468R4

Manual dose dispensing with built-in activity measurement

The built-in measuring system measures the activity in the syringe directly during dose preparation and displays it on the control PC screen.

The activity remaining in the mother vial is calculated and displayed in the same way.

Completely eliminates hand contact with the syringe during activity preparation.

The position of the syringe piston is controlled mechanically (manually).



Technical specifications

Dose range (^{99m}Tc).....25 MBq–15 GBq
Accuracy (^{99m}Tc)..... $\pm 3\%$

For optimal accuracy, the minimum volume of radiopharmaceutical should be 0.5 ml in a 5 ml syringe and 0.3 ml in a 3 ml syringe.

After determining the calibration factors, the unit can also be used for other gamma-emitting radiopharmaceuticals with energies from 80 keV to 400 keV.

Dimensions

Height.....345 mm
Width.....235 mm
Depth.....264 mm
Weight.....22 kg

Intuitive and user-friendly software

- The software continuously displays the activity remaining in the vial (calculated value)
- Stability test with a check source built into the device body
- Reliable identification of different radiopharmaceuticals



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Accessories

- PT643R0 Slanted stand for elution vial
- PT500R2 Slanted stand for radiopharmaceutical
- PT644R0 Syringe shield 3 ml (red)
- PT645R0 Syringe shield 5 ml (blue)
- PT646R0 Syringe shield 10 ml (green)



PT643R0 Slanted stand for elution vial



PT500R2 Slanted stand for radiopharmaceutical

Consumables for one vial

- Dispensing needle: spinal needle spine-ject, 0.90 × 90 mm (delivered by Lynax)
- Venting needle: any needle longer than 70 mm

Related products



Carbon-tungsten syringe shields PT567 / PT568 / PT569

A 2 mm tungsten body, a lead-glass window with equivalent shielding and a blade lock holding the syringe firmly in place. All this is protected by a carbon fibre cover finished with a chemically resistant clear coat.



Transport container PT750

A compact shielded box for carrying several SPECT doses between the hot lab and the administration room. The syringes lie flat, shielded on all sides; the foldable handle allows comfortable carrying.