

# Measuring Unit <sup>99m</sup>Tc

PT468R3

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

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

Completely eliminates the contact of hands with the syringe during the activity preparation.

The position of the syringe piston is controlled mechanically - manually.

## Technical specifications

Range of doses.....25 MBq to 15 GBq for <sup>99m</sup>Tc

Accuracy.....± 3 % for <sup>99m</sup>Tc

- The minimum volume of radiopharmaceutical should be 0,5ml in 5ml syringe and 0,3ml in 3ml syringe to achieve the optimal accuracy
- After determining the calibration factors, it can be used for other gamma radiation radiopharmaceuticals with energy from 80 keV to 400 keV.

## Accessories

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



## Dimensions

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



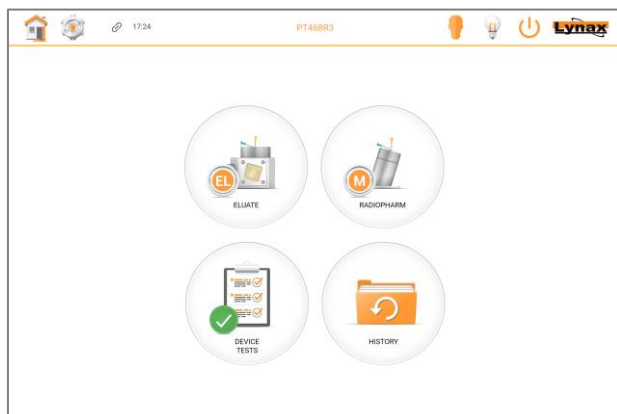
**PT643R0** Slanted stand for elution vial



**PT500R2** Slanted stand for activity distribution

## Measuring Unit $^{99m}\text{Tc}$

### Intuitive and user-friendly software



- SW continuously displays the remaining activity in the vial (calculated value).
- Linearity and stability tests - check emitter incorporated in the device accessories.
- Reliable identification of different RF
- SW recommends a value of individual dose according to the patient's weight or BMI based on present specifications.

### Consumables for one vial

- 1x BBraun Spinocan 0,90 x 88mm; G20
- 1x BBraun Sterican 0,80 x 80mm; G21

