

## Automatic administering stand

### Description and purpose

The device is intended for automatic or semiautomatic administration of radiopharmaceuticals. It eliminates the direct contact of hands with the syringe during the administration. Doses are reduced to a minimum. The administering time is adjustable in wide range - up to 90min. The device can be used for administering of radiopharmaceuticals from 2ml, 3ml, 5ml, 10ml, 20ml and 30ml syringes. 20ml and 30ml syringe can be used for a slow administering of therapeutical radiopharmaceuticals. 20ml syringe is used for the saline solution to flush out the active syringe and the tubing system.

Control wheels allow the manual administration in case of necessity.

Minimum size and weight results in easy manipulation with the device.

Only the standardly produced consumables are used which results in very low operational costs.

The device has been designed as a member of the products line providing the reliable protection of health care staff from an untoward effect of radioactive irradiation. The time of administration is to be defined easily in the operating program of the control PC. The rest of the activity is automatically flushed out by saline solution after the administration

### Main components

The Automatic administering stand consists of following main parts: Base, slider holding the syringe with saline solution and T-piece and two arms for operating the pistons of the syringes. The administering set consisting of syringe with saline and T-piece with the BBraun safsite valve is to be prepared into the slider beforehand. Administering procedure is operated by the control PC. It could be also operated manually by two driving wheels in case of necessity.



PT353R8 Automatic administering stand

## Automatic administering stand

### Basic Technical Parameters

Max. application rate depends on the consumables used.

Min. application rate - 90 min for full stroke of selected syringe

Shielding- 20 mm Pb inside the device body towards the operators position

#### Consumables

3-ml syringe

Luer-Lock type

5-ml syringe

Luer-Lock type

10-ml syringe

Luer-Lock type

20-ml syringe

Luer-Lock type

30-ml syringe

Luer-Lock type

Connecting hose with injection port

BBraun, cat. no. 4247116

Safety coupling for infusion sets

BBraun Safsite®, cat. no. 04091000

Rechargeable battery:

type 4S3P NCR - 18650A with protective electronics, 14.4 VDC / 9.3 Ah

Supply voltage:

16.8 VDC / 2 A

Startup time:

10 s

Height:

275 mm (393 mm with the arms in the upper position)

Width:

246 mm

Length:

261 mm

Weight:

18 kg