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Manufacturer:

*Posi-Med LLC
45945 Trefoil Lane Suite 181-B Sterling VA, USA.
Tel +1 703 483 9194, Fax +1 202 747 5856.*

Asepti Bot – I-131

Fully automated Capsule Filler



State of the art robotic dispenser **fills gel capsules with accuracy unattainable through manual operation**, thus reducing waste of product and improve patient care.

Lead-shielded enclosure is equipped with activated charcoal filtration.

The station can be pre-loaded with up to 10 capsules and pigs per batch. Operation is fully automated, **pharmacist is freed to do other tasks while doses are being dispensed.**

Each capsule is automatically assayed in a dose calibrator and placed into a shielded container (pig), and can be **safely handled without hand exposure.**



Specifications

Construction	
Robot	4 axis SCARA, 170 mm reach
Enclosure	Ventilated with activated charcoal filter
Shielding	2", 50 mm lead all sides, 3 doors.
Features	
Capsule size and capacity	Size "0", 600 mg of anhydrous Na ₂ HPO ₄ / 0.2 ml solution
Filling speed	0.005-0.01 ml/sec
Capsule tray capacity	6 or 10
Pigs tray capacity	6 or 10
Stock vial	1 vial. Shielded container not included.
Performance	
Accuracy	~0.003 ml
Dispensing time	~1 min*
Recommended I-131 Concentration	> 10 GBq/ml (270 mCi/ml) for 2 GBq (54 mCi) max. dose
Media requirements	
AC power	220-230 VAC 10A
Compressed air	50-80 psig, dry, oil free, 1 scfm. Built in compressor available.
Dimensions	
Dispensing station (W x D x H)	87 x 92 x 180 cm (34 x 36 x 71")
Minimum clearances	Front - 42", Back - 12", Right - 24", Left - 12"
Weight	1800 kg (4000 lbs)
Optional accessories	
Syringe pigs	Tungsten pig with lid and drop off. Plastic insert.
Dose calibrator	Atomlab 400, with lift device. Required option.
Capsule size "1"	Available as an option. Size "0" is standard.
Built in air compressor	For facilities without compressed air supply.

*) Depends on dose volume and stock concentration