



TECHNICAL DATA SHEET

AUTOMATED SEMEN PACKAGING SYSTEM SPS-11



Designed, engineered and built for efficiency, dependability and performance. Semen laboratories worldwide depend on this proven technology for automated semen packaging in tubes.

The SPS-11 automatically fills tubes with the selected semen volumes, provides an ultrasound seal and labels each tube. The machine is ideal for **processing semen pools**.

SPS-11 is quickly and easily disassembled without tools for daily cleaning and routine maintenance.

SPS-11, 110 V

REF. : 13220/1100

SPS-11, 230 V

REF. : 13220/1112



Technical specifications

- Processing capacity: approx. 900 tubes/hour
- Filling accuracy ± 1.5 ml
- Available for filling 90ml tubes with and without flexible nozzle
- Dose volume 45–85 ml; with low dose option 35 ml
- Tube magazine can hold 160 to 210 tubes depending on tube type
- Includes two dispensing pitchers (1–60 dose per 5 l capacity and 1–200 dose per 16 l capacity pitcher)
- Mobile cart provided
- Remote service capabilities
- Available for 110 V / 60 Hz or 230 V / 50 Hz
- Power consumption: 600 W = 0.6 kW
- Recommendation for air compressor:
 - 2-stage design
 - 550 l/min at 6 bar
 - 5.5 – 7.5 kW
 - 300 l tank
- Dimensions: 142 cm x 70 cm x 158 cm (L x W x H)
- Weight: 200 kg

Product features

- Communicates directly with PRISM, IDEE and other lab software
- Labor and time savings: dispenses, seals and labels each dose automatically
- Customizable labels including barcodes (Code 39)
- Minimal daily cleaning: takes only 10 minutes to clean
- Convenient touch screen operation
- Highest reliability for production, easy maintenance
- Very robust tube sealing
- Professionally trained technicians provide installation, training, and service

Consumables and accessories

Single use dispense tubing

25/bag, 300/box [REF. : 13210/0172](#)

Label for SPS-11 printer

blank, roll with 2.500 units [REF. : 13210/4831](#)

SPS-11 tool set

[REF. : 13210/9300](#)

SPS-11 spare parts kit

[REF. : 13220/1105](#)

Rubber seal with V-slot cut, reusable

[REF. : 13220/1170](#)

Plastic pitcher with lid for SPS-11

diam. 23.5cm, holds approx. 200 doses, 16 l [REF. : 13220/2103](#)

QuickTip Flexitube® with flexible nozzle,

transparent, 1600/cardboard box [REF. : 13453/07961](#)

tubes are available in many different colors

