

SYRINGE PUMP

ManoPump SP1

**SIMPLE
AND
EFFICIENT!**



ManoPump SP1 Syringe Pump

Helpful during anaesthesia, in analgesia, in oncology...



EASY TO USE:

- Automatic recognition of syringe sizes (5, 10, 20, 30 and 50/60 ml)
- Large touchscreen (4.3'' -10.75 cm) for a clear display of parameters

EFFECTIVE:

- Multi-function operation with 3 modes: ml/h (time, rate mode), body-weight mode and micro-mode
- Flow rates rate from 0.01 ml/h to 1500 ml/h
- Editable KVO range from 0.01 to 5 ml/h
- 12 hours battery back-up time
- History record up to 5000 logs



ManoPump SP1 technical data:

▶ Accumulated volume	From 0.1 to 9 999 ml
▶ Touchscreen	4.3'' (10.75 cm)
▶ Syringe sizes	5, 10, 20, 30, 50/60 ml with automatic recognition of sizes after calibration
▶ Flow rate	From 0.1 to 1 500 ml/h
▶ KVO	Adjustable from 0.01 to 5 ml/h
▶ Bolus function	Adjustable from 0.1 to 1500 ml/h (automatic & manual bolus)
▶ Occlusion	4 selectable levels
▶ Infusion modes	ml/h (rate, time) • body weight • micro
▶ Alarms	VTBI infused • syringe empty • pressure high • battery empty • KVO finished • Check syringe • Syringe near empty • Battery near empty • System error...
▶ History record	5 000
▶ Waterproof	IP24
▶ Whole dimensions and weight	40x9x12 cm - 1,7 kg
▶ Battery operating time	More than 12 hours @5 ml/h
▶ AC power	100-240V, 50-60 Hz


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