



Email : sales@laboratoryinstrumentindia.com

Product Name :
Syringe pump, with accessories

Product Code :
LBNY-0017-220001



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Description :

Syringe pumps ensure highly accurate volume delivery and consistent flow for small volumes ($\leq 60\text{ mL}$) of potent pharmacologic agents that are typically delivered at flow settings between 0.5 and 10 mL/hr. Syringe infusion pumps are used to administer intravenous (IV) fluids such as antibiotics, regional anaesthetics, antiarrhythmic medications, and chemotherapeutic agents.

Technical Specification :

Open system, compatible with all standard brands of syringes.
Compatible with 10, 20, 30 and 50mL capacity syringes at a minimum.
Continuous delivery, linear motor and plunger driven.
The unit is equipped with occlusion detection.
Self-test is performed each time the device is switched on.
User programmable for syringe size, infusion volume, time, and flow rate.
Volume delivered with an accuracy of at least 3%.
Maximum pressure of at least 17.4 PSI / 120 kPa.
User adjustable high pressure/occlusion settings.
Display includes start/stop, volume limit, flow rate and volume so far delivered.
Automatic calculation of third parameter when user enters in other two (volume, time, and flow rate).
Minimum guaranteed flow rate of 0.1-1300mL/hr, depending on syringe size.
Minimum Keep Vein Open (KVO) rate of 0.1-1mL/hr but never greater than programmed flow rate.
Ability to silence audio alarms for maximum of 2 minutes.
Built in battery with a capacity to run the unit for 7 hours at 5mL/hr flow rate.
Automatic switch from mains to battery in case of power failure.

Automatic battery charge when mains connection is re-established.

System reports with audio-visual alert on operational status such as, but not limited to ready, end-of-injection.

Designed for frequent and easy dismount and disinfection with hospital-grade products.

System reports with audio-visual alert on malfunctions such as, but not limited to syringe position, occlusion, low/high flow.

System reports with audio-visual alert on low battery status.

Capable of being mounted on mobile pole/(roll) stand, bed rail and wall-mounted rails.

Power requirements: 240 Volts - 50/60 Hz.



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