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**Product Name :**  
Infusion pump,with accessories

**Product Code :**  
LBNY-0017-220004



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#### **Description :**

In general, infusion pumps are used when the solution to be administered must be delivered with greater accuracy than can be provided through a manually adjusted gravity administration set. Infusion pumps are used to accurately deliver liquids through intravenous (IV) or epidural routes for therapeutic and/or diagnostic purposes. They are used in hospitals, in alternative care settings (e.g., homes, long-term care facilities, physicians' offices, outpatient infusion centres), and, occasionally, in emergency medical service vehicles. Volumetric single channel infusion pump, AC and battery powered including accessories.

#### **Technical Specification :**

Automatic calculation of third parameter when user enters other two parameters (volume, time, and flow rate). Robust design allow use in demanding environments, resistant against hospital-grade cleaning solutions, fluid proof.

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

Minimum guaranteed flow rate range of 1-1500 mL/hr in either 0.1 or 1 mL/hr increments.

Keep Vein Open (KVO) rate of 1-5 mL/hr.

The accuracy of the flow rate should be 5% or better.

Built in battery depending on the model either a lithium ion or a lithium metal hydride.

Battery life lasts at least 4 hours at 25mL/hr flow rate.

Automatic switch from mains to battery during power failure.

Auto-off when not in use.

Open system, compatible with wide range brands of giving sets. Unit is to be calibrated to the characteristics of a specific brand infusion set through DIP switches prior to using the unit.

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

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Power requirements: 240 Volts – 50 Hz.

#### DISPLAY FEATURES.

An integrated display indicating following parameters/information:

- Alarms.
- Volume limit/Volume To Be Infused (VTBI).
- Pumping status.
- Volume infused.

#### ALARMS AND SAFETY FEATURES

Ability to silence audio alarms for maximum of 2 minutes.

Alarms are audible and visual.

The following alarms are included:

- Open door alarm.
- Infusion complete notification.
- Low/depleted battery alarm.
- Air-in-line alarm.
- Down-stream occlusion alarm.
- Incorrectly loaded set alarm.
- The unit is equipped with a "control lock-out" feature, preventing tampering by patients or visitors with the controls of the unit.
- The unit should be protected against uncontrolled gravity flow, a so-called free-flow protection.



**Laboratory Instrument India**