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**Product Name :**

Infusion Pump With Accessories

**Product Code :**

SLE/RAE/14



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## Description :

**Infusion Pump With Accessories** (Product Code: SLE/RAE/14) is a portable, single-channel volumetric infusion pump used to deliver IV fluids at a programmed rate in wards, intensive care and operating theatres. Its peristaltic mechanism covers 1–1,200 ml/h in 1 ml/h steps with ±5 % accuracy, and it works with commercial infusion sets on mains or battery power. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

### Specifications

| Parameter | Detail |
|---|---|
| Type | Volumetric, single channel, portable; peristaltic pump with continuous delivery |
| Flow-rate range | At least 1–1,200 ml/h, in 1 ml/h steps |
| Flow-rate accuracy | ± 5 % |
| Programming | By volume, time and flow rate |
| Volume limit | 1–9,999 ml, in 1 ml steps |
| Bolus program | 100–900 ml/h |
| KVO program | 1 ml/h for infusion rates < 10 ml/h; 3 ml/h for rates > 10 ml/h |
| Infusion sets | Open system, compatible with commercial infusion sets |
| Safety detection | Air bubble detection; occlusion detection; automatic self-test |
| Alarms | Audio/visual with silencing: occlusion, air-in-line, door open, infusion/program status and end, battery/power status and failure, system errors |
| Display | Display and control panel showing program, volume, flow, time and system messages |
| Mounting | Rail and IV pole mount |
| Battery | Integrated charger; autonomy > 5 h at 30 ml/h; automatic switch between AC and battery and automatic recharge on mains |
| Power | 110–220 V / 50–60 Hz; consumption 25 W |
| Enclosure | Sturdy plastic, splash- and shock-proof |
| Product code | SLE/RAE/14 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

### What Is a Volumetric Infusion Pump Used For?

A volumetric pump replaces gravity drip counting when a fluid must run at a controlled rate. The nurse loads a standard infusion set into the peristaltic channel, closes the door and enters either a rate the displa keeps

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