

Product Overview

The Baxter InfusOR pump is a syringe infusion device that will aid in the administration of many intravenous agents given during anesthetic procedures. In conjunction with the Smart Label system, it provides the convenient delivery of narcotics, muscle relaxants, vasoactive and other drugs routinely given during anesthesia. The Smart Label system is a set of drug-specific labels that attach to the front of the InfusOR infusion pump into a specific delivery system for the indicated drug with appropriate rate selections and delivery units. By simply changing the specially coded smart label, the Bard InfusOR pump is automatically changed to a specific delivery system for a particular intravenous agent.



Baxter InfusOR Syringe Pump

The Baxter Bard InfusOR syringe pump is easy to set up and use. Each Smart Label is clearly marked with drug dilution instructions and the required syringe size. The pump accepts B-D or MonoJect 20 cc and 60 cc plastic disposable syringes which attach to tubing sets for connection to the patient's primary intravenous line. Drug delivery choices are easily selected and changed using front panel rotary switches. The selections are made directly in drug dosing units and, where appropriate, are related to patient body weight, thus eliminating tedious calculations. The total volume of drug delivered is displayed for both patient management and record keeping needs.

This lightweight battery-operated pump is provided with a versatile mounting bracket that securely fastens the pump and provides good pump accessibility during use. The Bard InfusOR Infusion Pump and Smart Label System combine the flexibility of a general infusion device with the convenience of a drug-specific infusion device to meet many intravenous delivery needs during anesthetic procedures.

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Product Overview Continued

The InfusOR pump is a battery-operated device that holds and empties disposable syringes in a controlled manner. A plastic holder accepts the syringe barrel. The syringe plunger is held and moved by a pusher assembly. The pusher engages a threaded lead screw which is rotated by a reliable, efficient motor that is controlled and monitored by a microcomputer system. Magnetically coded labels attach to the pump front panel and are read by the microcomputer. The coded label tells the microcomputer the delivery rate selections available when that specific label is used with the pump. Rotary input switches, set by the user, select the drug delivery rate. Calculations are then performed by the microcomputer so the drug is delivered as indicated. A force sensing system responds to the overpressure in the fluid pathway and a position detector determines when the syringe needs refilling. The microcomputer controls the indicated lights and alarms and also displays the volume of drug delivered. The batteries are electronically monitored for a low power condition.

Features

- Designed to aid in many intravenous agents given during anesthetic procedures.
- Provides for the convenient delivery of narcotics, muscle relaxants, vasoactive and other drugs routinely given during anesthesia.
- Easy to use and set up.
- Drug delivery choices are easily selected and changed using front panel rotary switches.

Specifications Continued

Dimensions & Weight

Height: 9.2 In (23.8 cm)
Width: 4.5 In (11.3 cm)
Depth: 2 In (5 cm)
Weight: 2 lbs (1 kg)

Syringes

Monoject or B-D 60 cc
Monoject or B-D 20 cc

Power

Operating Voltage: 5-7 Volts
Operating Current: 20mA
Low Battery Voltage: 5.0 Volts

Battery

Type: Alkaline (NEDA 14A)
Quantity: 4 (C Size)
Battery Life (New): 150 Hours
Battery Life (At Low Battery): 4 Hours

Specifications Continued on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



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Specifications Continued

Accuracy

Infusion: Linear Rate $\pm 3\%$

Bolus: Linear Displacement $\pm 3\%$

Flow

Flow Rates: 0 to 600 mL/hr, depending on the
Smart Label

Flow Profile

Bolus: Continuous

Infusion: Pulsed Intermittently

Force and Pressure

Occlusion Force: 8 ± 1 lbs. (pressure)

Max Occlusion Pressure

11 psi with 60 cc syringe

20 psi with 60 cc syringe

Occlusion Detection Time

120 seconds at 36 mL/hr

Volume Stored on Occlusion

1.1 mL Approximate