Carefusion Alaris BD MedSystem III Infusion Pump

The MedSystem III is intended for facilities that utilize infusion pumps for the delivery of fluids, medications, blood and blood products using continuous or intermittent delivery through clinically acceptable routes of administration; such as, intravenous (IV), intra-arterial (IA), subcutaneous, epidural, enteral, or irrigation of fluid spaces.

The MedSystem III is a multi-channel infusion pump intended to deliver multiple infusions to a single patient.

Features

- Three independent fluid delivery systems in the space of one
- Compact size
- Easy to Setup and use, yet provides advanced features
- Accommodates assorted container types
- Multiple delivery methods
- Accurate delivery of a variety of fluids
- Uses administration sets that provide free-flow protection
- Six available Device Types with configurable parameters (maximum and minimum rates, maximum volumes, baseline and maximum pressures, and air-in-line thresholds) to achieve specific clinical applications
- Display infusion status for rate, volume remaining, and volume infused.

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Specifications

Dimensions	Height: 7.875 in (20 cm) Width: 6 in (15.24 cm) Depth: 2.10 in (5.33 cm) Weight: 5.1 lbs (2.3 kg) - including pole clamp
Occlusion Pressure	15 PSI except for controller Pressure device type which is 3ft. H20
Operating Temperature	50 - 104° F (10 - 40° C)
Transport/ Storage Temperature	-4 to 131° F (-20 to 55° C)
Rate Range	0.1 - 999 milliliter per hour (each channel)
Volume Range	0.1 - 999 milliliter (each Channel)
KVO Range	0.1 - 20.0 milliliter per hour
Rate Accuracy	1.0 - 999 ml/hr ± 5% with a standard deviation of 1.96 under specified conditions 1.0 - 0.9 ml/hr ± 10% with a standard deviation of 1.96.
Battieries	Main - rechargable Nicid Battery Pack Memory Backup - Nonrechargeable lithium
BatteryCharge	A fully charged battery has a minimum of 6 hours running time with all channels running at 125 milliliters per hour and backlight usage of 2 minutes per hour. The main battery retains 80% of its capacity after 500 charging cycles, and retains 90% of tis capacity after 3 months of continuous AC charging.
AC Power Requirements	Voltage: 90 VAC to 132 VAC Frequency 47 Hz to 63 Hz

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