

THE SIGMA 8000

VOLUMETRIC INFUSION PUMP



Features:

- User Friendly
- Uses Standard Gravity IV Sets by Abbott, Baxter or B. Braun-McGaw*
- Can Be Re-Calibrated to Abbott, Baxter or B. Braun-McGaw* IV Sets
- Set Based Anti-Free Flow Protection
- Dose Rate Calculations with On Line Dose Titration
- Automatic Piggybacking
- User Adjustable Occlusion Pressure Settings
- Auto Re-Start for Downstream Occlusions
- Upstream Occlusion Detection
- On Line Rate Titration
- Numeric Key Pad with Options Key and Programming Menu
- Patient Security Lock Out
- Compatible with Blood & Epidural Infusions
- 0.1-999 mL/hr Flow Rate Range
- +/- 5% Nominal Flow Rate Accuracy for 72 Hours (2-999 mL/hr)
- +/- 10% Nominal Flow Rate Accuracy for 72 Hours (0.1-1.9 mL/hr)
- Hospital/Department Specific Feature Configuration

Specifications:

Overall Size/Weight	10 lbs., 9.5" x 6.5"W x 6.75"D (416.81 cubic inches)
Flow Range	0.1-999 mL/hr (0.1 mL increments from 0.1-99.9 mL/hr & 1.0 mL increments above)
Flow Rate Accuracy	+/-5% nominal for rates 2-999 and +/- 10% from 0.1-1.9 mL/hr over 72 hours (For a more complete description of accuracy claim and testing protocol contact Sigma.)
Volume Limit	0.1-9,999 mL volume limit range
Total Volume Delivered	0.1-9,999 mL cumulative counter
KVO Rate	1 mL/hr or selected rate which ever is lower
Rated Voltage	105/135 VAC (0.5A), 50/60 Hz, fused T500Ma (IEC 127) 220/240 VAC (0.25A), 50/60 Hz, fused T250Ma (IEC 127)
Ground Resistance	<0.13 ohm
Patient Leakage	< 15 micro amps, normal condition; <50 micro amp, single fault condition
Battery	12-volt battery pack consisting of 6 each 2V/2.5 amp hr rechargeable sealed lead acid batteries
Electromagnetic	Electromagnetic compatibility immunity and emissions are in compliance with IEC 601-1-2 and IEC 601-2-24
Disposables	Standard Gravity IV sets by Abbott, Baxter or B. Braun-McGaw*
Pumping Mechanism	Linear Peristaltic
Air Sensor	Ultrasonic
Communications	RS 232 Port
Memory	Lithium back-up battery
History Log	Last 360 events
Alarms	Air-In-Line, Upstream & Downstream Occlusion, Improper IV Set Loading, Infusion Complete, Low Battery, Plug In, Pump Malfunction, Close Roller clamp, Empty Container (with optional flow sensor)
Listing & Certifications	NRTL/C, to CSA Standard C22.2 No. 125-M1984, Electromedical Equipment and UL Standard No. 544, Medical and Dental Equipment

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