



SM-100

Syringe Infusion Pump



Key Features

- Safe and Reliable
- Simple to Setup
- Protected Settings
- Easy to Operate
- Audio Visual Alarm
- Precise
- User Friendly
 - Feather Touch Switches
 - Inbuilt Battery Backup
 - Micro Controller based Design
 - Automatic Syringe Size Detection
 - Light Weight



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Technical Specifications

Parameter	Specifications
Flow Rate	0.1 to 199 ml/ hr
Accuracy	± 2%
Display	LCD Display; Running Mode Message Display
Totalizer	Indication for total volume infused up to 999 ml
Volume Limit	Limit for total volume to be infused 0.1 ml to 999 ml
Resolution	0.1 ml/ hr for Display up to 99.9 ml. 1 ml for Display 100 to 999 ml
Syringe Size	Accepts syringe from 10 ml to 60 ml Precalibrated for four different makes and equivalent Auto Syringe Detect
Bolus	Two modes - On line Bolus - Programmed Bolus
Purge Function	Empty syringe on completion of Infusion
Drug Library	Programmed 40+ Drug library
Memory	Built - in memory for Start Function on Stop Infusion
Dimensions(LxWxH)	245 x 160 x 120 mm
Weight	approx.3 Kg
Body Construction	Splash Proof and Tropicalized
Occlusion Pressure	Three level setting with automatic pressure release
Alarms	Syringe Empty, Infusion Complete, Occlusion, Low Battery, Bolus Complete
Power Supply	170 ~240 V AC, ± 15%, 50-60 Hz
Battery Backup	In built 6V rechargeable maintenance free battery provides backup for approx. 6 hrs @ 10 ml/ hr
Humidity	Up to 95% non condensation
Operating Temperature	5 - 45 degree Celsius. Tropicalized

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