

Syringe Pump SP-100N



Features

- Manual or Automatic Bolus function.
- Vertical & Horizontal mounting clamp.
- Anti-bolus system.
- DPS Occlusion Pressure display.
- 2000 events stored can be checked and downloaded.
- Large color TFT display with adjustable brightness.

Specifications

PARAMETER	SPECIFICATION
Applicable syringes	5ml,10ml,20ml,30ml,50ml,60ml of any standard
Accuracy	+/- 2% with correct calibration
Rate mode	0.1ml/h-2000.0ml/h (0.1ml/h or 1ml/h step)
Time Mode	SOL. VOL:0.1-9999.9ml (0.1ml step) TIME : 00:01-99:59min (1min step)
Dose Mode	Volume : 0.1-999.9ml(0.1ml step) DRUG MASS : 0.1-999.9mg (0.1mg step) DOSE : 0.001-9999 (0.001 step) WEIGHT : 0.1-300kg(0.1kg step)
Total Volume Range	0.1-9999.9ml (0.1 ml step)
Drug library Mode	(Optional)
Sequential mode	(Optional)
Purge Rate	Programmable and adjustable
KVO Rate	0.0~5.0 ml/h, Programmable and adjustable
DPS Occlusion Pressure	LOW:60(±15)kPa, MEDIUM:90(±15)kPa HIGH:120(±15) kPa (Adjustable)
Alarms	Loose , Occlusion, Empty, Near Empty ,Rate Abnormal, Low Battery, No Battery, Infusion Complete, ,No Action, Syringe Plunger Disengagement
Alarm volume	Three levels: LOW, MEDIUM or HIGH
Bolus Rate	0.1-2000ml/h, Programmable and adjustable, Automatic/Manual bolus available
Bolus Volume	Range: 1.0~50.0ml, (0.1ml step)
Interface	RS-232
Brightness	1~10 levels can be selected
History records	2000 events stored can be checked and downloaded
Power source	AC power supply: AC 100 to 240V(+/-10%) · 50/60Hz; DC Power supply: 12~15V, power>15W; Built-in Lithium Battery: Rechargeable, 11.1V, 2000mAh. 12 hours of continuous operation
Protection Class	Class I, Type CF,IPX4
Dimension / N.W	240mm*150mm*117mm , 2.5kg
Packing size/G.W	300mm*260mm*160mm, 3.5KG

Riransa Inc. Healthcare Limited

Head Office: 203, DDA Bulding No-2, District Centre, Janakpuri, New Delhi-58 Ph. No.: 011-41722466

Corp. Office: 61- Sharda Apartment, Ravindra Garden, Aliganj, Lucknow-226022 Ph. No.: 0522-4068401

Website: www.riransa.net

E-mail Id: info@riransa.net, support@riransa.net, sales@riransa.net

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