

SP-50

Syringe Pump



Features

1. Manual or Automatic Bolus/Purge/KVO function.
2. Vertical & Horizontal mounting clamp.
3. DPS dynamic pressure display.
4. Anti-bolus system.
5. Large LCD display with adjustable brightness.
6. 2000 events stored can be checked/downloaded.

Technical 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 (0.1ml step)
Drug library Mode	(Optional)
Sequential Mode	(Optional)
Purge Rate	Programmable and adjustable
KVO Rate	0.0~5.0ml/h, Programmable and adjustable
DPS Occlusion Pressure	LOW: 60($\pm$ 15) kPa, MEDIUM: 90($\pm$ 15) kPa HIGH: 120($\pm$ 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 ($\pm 10\%$), 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