

S.P AC-100S



AC-100S SYRINGE PUMP

FEATURES:

- Open system: Accepts all standard syringes of 5ml, 10ml, 20ml/30ml, 50ml/60ml.
- Built-in three type of syringe brands: Dispovan, Romsons, BD
- 3.5 inch large COLOR LED display
- KVO/Bolus function.
- Anti-bolus system to reduce significantly after occlusion sudden release.
- Three levels of Occlusion Pressure Alarm.
- Three work modes: Rate Mode, Time Mode, Dose Mode
- Identify the specifications of syringe automatically.
- Audible and visual alarm: Loose, Error, Occlusion, Empty, Near Empty Battery Empty, Low Battery, Infusion Complete, Standby
- Freely Stackable: Users can freely stack one syringe pump onto another to provide multiple solutions
- Power lost memory.
- Visual and audible alarm system and accurate injection rate make the injection process safer and reliable.
- 6-8 Hours Internal Li-Battery continuous operation.
- Accurate and sensitive pressure sensor detects occlusion pressure accurately.
- Excellent injection operation. The accuracy will be ensured even at small-volume injection.

Technical Specifications

Parameters	Specifications
Applicable syringes	5ml,10ml,20ml,30ml,50ml, 60ml of any standard
Built-in syringe brands	Dispovan, Romsons, BD
Accuracy	+/- 2% with correct calibration
Rate mode	50ml(60ml): 0.1ml/h-2000.0ml/h (0.1ml/h or 1ml/h step) 30ml : 0.1ml/h-1200.0ml/h (0.1ml/h or 1ml/h step) 20ml : 0.1ml/h-800.0ml/h (0.1ml/h or 1ml/h step) 10ml : 0.1ml/h-400.0ml/h (0.1ml/h or 1ml/h step) 5ml : 0.1~200ml/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: 0.1-999ml (0.1ml step) DRUG MASS: 0.1-999mg 0.1mg step DOSE: 0.01-9999ug/kg/min (0.01ug/kg/min step) WEIGHT: 0.1-300kg(0.1kg the least step) Dose unit: ug/kg/min, mg/kg/h
Total Volume Range	0.1-9999ml (0.1 ml step)
Purge Rate	50ml(60ml): 1800.0ml/h, 30ml: 1200.0ml/h, 20ml: 800.0ml/h 10ml: 400.0ml/h, 5ml:200ml/h
KVO Rate	KVO is 3ml/h when the delivery rate \geq 3ml/h, otherwise KVO is the actual delivery rate.
DPS dynamic pressure	Three levels setting LOW (60(\pm 15) kPa), MEDIUM (90(\pm 15)kPa) or HIGH (120(\pm 15)kPa)
Alarms	Syringe Loose, Error, Occlusion, Empty, Near Empty Battery Empty, Low Battery, Infusion Complete, Standby Three levels of alarm volume LOW, MEDIUM or HIGH
Bolus Rate	5ml: 0.1~200ml/h, 10ml:0.1-400ml/h, 20ml:0.1-800ml/h, 30ml:0.1-1200ml/h, 50ml(60ml):0.1-2000ml/h Programmable and adjustable
Bolus Volume	Range: 1.0~50.0ml, (0.1ml step)
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. 6-8 hours of continuous operation
Accessories	AC power line, Operational manual
Protection Class	Class I, Type CF, IP44
Dimension / N.W	240mm*150mm*117mm, 2.0kg
Packing size/ G.W	300mm*260mm*160mm, 3.0kg

*Specifications are subject to change without notice

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