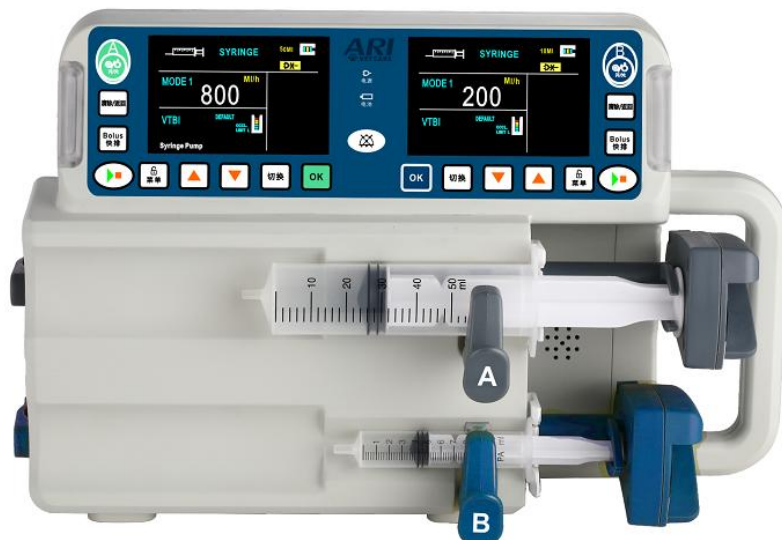


SP-50D

Syringe Pump

(Dual Channel)



Features

1. Simplified, Intuitive Touch

- Independent operating channels, and with Online function—AB channels can be worked cyclically and repeatedly;
- 3.5-inch large color display, making clinical use faster and more convenient;
- Independent power switch, conducive to clinical use and energy conservation;
- Tube management: a standard fitted side clamp to prevent infusion tube entanglement and enhance infusion overview and control.

2. Safe, Efficient and Practical

- Comply with IP44 high waterproof rating for all clinical application scenarios;
- DPS dynamic pressure display, multi-pressure alarm level, real-time protection of patient safety;
- Anti-bolus & anti-siphon functions increase patient safety;
- Auto & manual Bolus can be switched; KVO rate is adjustable for more clinical use;
- Change the flow rate during infusion without stopping the infusion;
- Large-scale & wide-angle color alarm lights to protect patients in real time.

3. Intelligent Design, Easy to Use

- 5 infusion modes are available to meet the needs of different departments;
- 360 degree rotatable, vertical and horizontal mounting clamp to meet the needs of the clinical environment;
- More than 2,000 historical records for review and export, which is convenient for users to use;
- Multi-language can be switched and customized to meet various geographical

needs.

Technical Specifications

PARAMETER	SPECIFICATION
Applicable Syringes	5ml, 10ml, 20ml, 30ml, 50ml, 60ml of any standard
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) (Programmable 0.01ml/h~9999.9ml/h)
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: 0.001-9999ug/kg/min (0.001ug/kg/min step) WEIGHT: 0.1-300kg (0.1kg the least step) Dose unit: ng/kg/min, ug/kg/min, mg/kg/min, g/kg/min, ug/kg/h, mg/kg/h, g/kg/h, ug/min, mg/min, g/min, ug/h, mg/h, g/h, U/min, U/h, IU/h, U/kg/h, ml/h
Total Volume Range	0.1-9999.9ml (0.1 ml step)
Drug library Mode	10 categories of drugs, 17kinds of dose units. Makes drug dispensing more convenient and safer.
Sequential Mode	Available
Purge Rate	50ml(60ml): 1500.0ml/h, 30ml: 1200.0ml/h, 20ml: 800.0ml/h 10ml: 400.0ml/h, 5ml: 200ml/h Programmable and adjustable
KVO Rate	0.1~5.0 ml/h, Programmable and adjustable
DPS Dynamic Pressure	Three levels setting LOW (60(±15)kPa), MEDIUM (90(±15)kPa) or HIGH (120(±15) kPa)
Alarms	Syringe Holder Loose, Syringe Plunger Disengagement, Syringe Flange Insertion Error, Syringe Not Calibrated, Occlusion, Syringe Empty, Rate Abnormal, Battery Empty, No Battery, Infusion Complete, Syringe Near Empty, No Action, Battery Low 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, 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, 7.2V, 2600mAh. 8 hours of continuous operation
Accessories	AC power line, Operational manual
Protection Class	Class I, Type CF, IP44
Dimension/N.W	350*150*220mm, 4kg
Packing size/G.W	400mm*200mm*2500mm, 4.5KG