



SK-500II Syringe Pump

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Three operating modes – Rate Mode, Time Mode and Body Weight Mode

Multiple modes for operators to choose

Wide range of injection rates

Applicable to both adults and children, in normal and emergency cases

Built-in double CPU

Each CPU can serve as backup for the other, guaranteeing the stability of the system and the safety of patients even when one CPU breaks down

Powerful alarm system with both audible and visible alarm signs

Embedded pressure sensor for occlusion detection

Multiple alarm signs to alert operators

Extreme flexibility in the use of syringes

Almost all brands of standard syringes can be applied and automatically recognized by the module to save your cost and time

Wireless linkage with infusion supervision system

Greatly reduces workload and turnaround time and ensures the safety of patients

Technical Specifications

Technical Descriptions	
Syringe Type	5, 10, 20, 30, 50 ml
Operating Mode	1) Injection rate mode, rate range: 0.1 - 2000 ml/h (increment 0.1 ml/h)
	2) Time mode, time range: 1 - 6000 min
	3) Body weight mode, weight range: 0.1 - 300.0 kg; drug limit: 0.1 - 999.9 mg; volume range: 0.1 - 999.9 ml
Accuracy	± 5%
KVO Rate	1 - 5 ml/h
Injection Rate Range	5 ml syringe : 0.1 ml/h - 100ml/h; 10 ml syringe : 0.1 ml/h - 200ml/h ; 20 ml syringe : 0.1 ml/h - 400ml/h;
	30 ml syringe : 0.1 ml/h - 600ml/h; 50 ml syringe : 0.1 ml/h - 1500ml/h
Accumulated Injection Volume	0.1 - 9999.9 ml
Injection	± 5%
KVO Rate	On/Off; On: 0.1 - 5.0 ml/h
Bolus Rate	5 ml syringe : 100 ml/h ; 10 ml syringe : 200 ml/h ; 20 ml syringe : 400 ml/h ; 30 ml syringe : 400 - 600 ml/h
	50 ml syringe : 400 - 1500 ml/h
Display	
Screen	3.5 inch B/W LCD
Information	Mode, Rate, Accumulated injection volume, Syringe size, Battery capacity, Bed No., AC power indicator, Battery charge indicator
Alarm Type	
OVER, NEAR, Occlusion, Syringe disengaged, Pump stuck, No AC power supply, Low battery, Serious low battery, Abnormal 1/2/3	
Battery	
Type	7.4 V, 1600 mAh lithium polymer battery
Life	More than 2 hours' continuous running (5 ml/h); Rechargeable
Environment	
Temperature	5 - 40 °C for operating; -20 - 50 °C for storage
Air Pressure	86 - 106 kPa for operating; 50 - 106 kPa for storage
Humidity	20 % - 80 % for operating; 10 % - 95 % for storage
Others	
Dimension	310 mm(L) × 125 mm(D) × 115 mm(H)
Weight	< 3 kg
Power Supply	100 - 240 VAC, 50/60 Hz
Shell Material	ABS plastic
Software Language	English, Russian, Portuguese

DISTRIBUTOR:

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