SK-500I Syringe Pump

SK Medical
A Mindray Company

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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

Seven-item protection design
Water-proof, moisture-proof, anti-interference, anti-shock, anti-collision, anti-corrosion, anti-high & low temperature

Wide-input power supply
Suitable for a broad range of circumstances and countries

Technical Specifications

Technical Descriptions	
Syringe Type	10, 20, 50 ml
Injection Rate Range	10 ml syringe : 0.1 ml/h - 100 ml/h (increment 0.1 ml/h)
	20 ml syringe : 0.1 ml/h - 200 ml/h (increment 0.1 ml/h)
	50 ml syringe : 0.1 ml/h - 500 ml/h (increment 0.1 ml/h)
Accumulated Injection Volume	0.1 - 999.9 ml
Accuracy	± 5%
Bolus Rate	10 ml syringe : 100 ml/h
	20 ml syringe : 200 ml/h
	50 ml syringe : 500 ml/h
Display	
Screen	2.0 inch B/W LCD
Information	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	
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 ℃ for operating; -20 - 50 ℃ 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
Fuse	T 2A 250 V
Shell Material	ABS plastic
Software Language	English