

SK-500I

Syringe Pump



Features

SK-500I meets all the basic requirements for general use

- Compatible with 10ml/20ml/50ml standard syringes as open system
- Reminder alarm in case of forgetting to start the operation
- Wireless data transmission with infusion supervision system
- Micro flow rate until 0.1ml/h with increment of 0.1ml to satisfy the requirement for Small Animal use
- Alarm volume adjustable on 3 levels
- Anti-bolus system to reduce significantly bolus after occlusion sudden release

mindray

healthcare within reach

Technical Specifications

Operating Mode	Flow Rate Mode
Syringe Type	10/20/50ml
Preset Volume	0.0-999.9ml
Accumulated Injection Volume	0.1 - 999.9 ml
Flow 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)
Accuracy	±3%
Bolus Rate	10 ml syringe: 100 ml/h 20 ml syringe : 200 ml/h 50 ml syringe : 500 ml/h
KVO Rate	0.1-5.0ml/h adjustable, 1ml/h as default
Display	
Screen	2.0 inch B/W LCD
Information	Flow Rate, Accumulated injection volume, Preset volume, Syringe size, Battery capacity, Bed No., AC power indicator, Battery charge indicator, etc.
Alarm Type	
Alarm Type	Finish, Near, Syringe Empty, Syringe Disengaged, Occlusion, System Error, Battery Empty, Low Battery, Reminder to operate, No AC Power
Occlusion Alarm Pressure Range	3 levels: 60kPa, 100kPa, 140kPa (±20kPa), Level Low as default
Battery	
Type	Lithium polymer battery
Operation Time	Information Up to 4 hours continuous operation @5 ml/h flow rate with standard battery Up to 5 hours continuous operation @5 ml/h flow rate with optional battery



Environment	
Temperature	5 - 40 C for operating, -20 - 50 C for storage life
Air Pressure	86 - 106 kPa for operating, 50 - 106 kPa for storage
Humidity	20 % - 80 % for operating, 10 % - 95 % for storage
Others	
Classification	Class II, Type BF
Dimension	310mm (L) x 125mm (D), x 115mm (H)
Weight	Approximately 1.8kg
Power Supply	100 - 240 VAC, 0.25-0.11A, 50/60 Hz
Waterproof Level	IPX3

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