



SK-500III SK-500IIIA SK-500IIIB SK-500IIIC

SK-500III/IIIA/IIIB/IIIC Multi-channel Syringe Pump

SK-500III series is designed for neonatal, pediatric and adult patients in the OR, ICU, CCU and Neurology department

Features

- Designed for multiple drug injection application (up to 8 pumps)
- Only one power cord for multi-channel pumps
- Innovative Link Mode offers continuous injection to improve safety for patients
- Drug library with all the most used drugs
- History record review and last configuration memory
- Anti-bolus system to reduce significantly bolus after occlusion release
- Change the flow rate while operating
- Manual bolus and automatic bolus
- Wireless data transmission with infusion supervision system and bedside workstation (optional)



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Technical Specifications

	SK-500III	SK-500IIIA	SK-500IIIB	SK-500IIIC
Syringe Pump	2-channel Syringe Pump	4-channel Syringe Pump	6-channel Syringe Pump	8-channel Syringe Pump
Syringe Type	5, 10, 20, 30, 50 ml			
Operating Mode	1) Flow rate mode, rate range: 0.1 – 1500.0 ml/h, maximum rate value depends on different syringes 2) Time mode, time range: 1-2000min, Preset Volume: 0.1-999.9ml 3) Body weight mode, weight range: 0.1 – 300.0kg, drug limit: 0.1-999.9mg, drug unit: mg/g, dose limit: 0.1 – 1500.0, dose unit: ug/kg/min or mg/kg/h, preset volume range: 0.1 – 999.9ml 4) Link mode			
Flow Rate Range	5 ml syringe: 0.1 ml/h – 100 ml/h 10 ml syringe: 0.1 ml/h – 200 ml/h 20 ml syringe: 0.1 ml/h – 400 ml/h 30 ml syringe: 0.1 ml/h – 600 ml/h 50 ml syringe: 0.1 ml/h – 1500 ml/h			
Increment	0.1ml/h			
Accumulated Injection Volume	0.1 - 999.9 ml			
KVO Rate	0.1-5.0ml/h adjustable			
Drug library	40 drugs			
History record	1500 records (Operation status, Infusion Information, Alarms)			
Saved Syringe brands	15 brands (optional)			
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 adjustable; 50 ml syringe: 600 – 1500 ml/h adjustable			
Accuracy	± 3%			
Display				
Screen	Independent 3 inch color TFT screen for each pump channel			
Information	Operation Mode, Flow Rate, Accumulated Injection Volume, Syringe Size, Battery Capacity, Bed No., AC power indicator, Battery charge indicator, Check the Syringe, etc.			
Status Indicator	Stop, Run, Bolus, KVO			
Alarm Type				
	Finish, Near, Syringe Empty, Syringe Disengaged, Occlusion, System Error, Battery Empty, Low Battery, Reminder to Operate, No AC Power, Memory Error, Motor Error			
	Occlusion Alarm Pressure Range: 3 levels: 70kPa, 100kPa, 130kPa (±30kPa), 100kPa as default			
Battery				
Type	Lithium polymer battery			
Life	Up to 2 hours continuous operation@5 ml/h flow rate with 1600mAh battery			
Environment				
Temperature	5 - 40°C for operating; -40 - 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				
Classification	Class II, Type BF			
Dimension	320mm(L) ×110mm(D) ×200mm(H)	320mm(L) ×110mm(D) ×400mm(H)	320mm(L) ×110mm(D) ×600mm(H)	320mm(L) ×110mm(D) ×800mm(H)
Weight	3.4kg	7.0 kg	10.4 kg	14 kg
Power Supply	100 - 240 VAC, 50/60 Hz			
Waterproof level	IPX3			