



Friendliness

- 3" large LCD screen allows infusion status to be viewed easily
- Independent power control for saving power and reducing interference
- Embedded handle allows for easy transportation
- Intuitive programming procedure with quick guidance on screen
- Drug name display, History record, Last therapy parameter memory

Safety

- Up to 4 levels pressure limitation alarm satisfying neonatal use
- Fast start function and Anti-bolus feature, ensure patients' safety
- IP34 dust and water protection

Connectivity

- Nurse call/ RS 232/ DC input



SK-500III
Syringe pump

SK-500III

Specifications and functions	
Dimension	381 x 228 x 160mm
Syringe size	5, 10, 20, 30, 50/60ml
Infusion mode	Rate mode, Time mode, Body weight mode, Intermittent administration mode
Flow rate range	5ml syringe: (0.1~150)ml/h; 10ml syringe: (0.1~300)ml/h; 20ml syringe: (0.1~600)ml/h 30ml syringe: (0.1~900)ml/h; 50ml/60ml syringe: (0.1~1500)ml/h
Accumulated volume	0.1~9999 ml
VTBI	0.1~999.9 ml, increment is 0.1 ml; 1000~9999ml, increment is 1ml
Increment	0.1~999.9 ml/h, increment is 0.1 ml/h; 1000~1500 ml/h, increment is 1 ml/h
Accuracy	≤ ±2%
KVO rate	0.1-5.0 ml/h, adjustable, increment is 0.1ml/h
Bolus rate	0.10-1500ml/h
Purge rate	150-800ml/h
Occlusion	Low 150±125 mmHg (20kPa); Medium 300±125 mmHg (40kPa); Medium high 525±125 mmHg (70kPa); High 900±180 mmHg (120 kPa)
Screen	3.0" LCD monochrome screen, 240 x 128 pixels
Titration	Yes, increment is 0.1ml/h
Keypad lock	Yes
Pause	Yes
Automatic recognition of syringe size	Yes
Self-test system	Yes
Last therapy parameter memory	Yes
Drug library	200 drugs
History record	1500 events
Weight	≤3.6kg (not including clamp)
Handle	Embedded handle
Mounting type	Standard: Vertical Pole
Alarm Volume	1-8 levels selectable
Preset syringe brand	Include B-D Luer-Lok Tip, B.Braun OPS, Terumo SS; Local brand configuration supported
Language	2, Chinese, English
Alarm	
	VTBI done, VTBI near done, KVO finish, syringe empty, syringe near empty, syringe not installed, syringe disengaged, occlusion, system error, system abnormal, battery low, battery empty, reminder, AC power disconnection, standby time expired
Safety Requirement	
AC power	100-240V (50/60Hz, 0.8-0.28A)
DC power	10-16V (4.0-2.5A)
Battery type	Lithium
Battery operation time	Standard: ≥5 hours@5ml/h for single channel, ≥3 hours@5ml/h for double channel; Optional: ≥10 hours@5ml/h for single channel, ≥6 hours@5ml/h for double channel
Charging time	Standard: ≤6 hours; Optional: ≤12hours
Classification	CF, Class I
IP Grade	IP 34
Temperature	5~40°C for operating, -20~60°C for storage
Humidity	15~95% for operating, 10~95% for storage
Air pressure	57~106kPa for operating, 50~106kPa for storage
Interface	
Data interface	Supported, RS232
Nurse Call	Supported
DC input	Supported
Automatic relay function	Supported

Shenzhen Shenke Medical Instrument Technical Development Co., Ltd.
Floor 2,3,4, Building 1, Section 1, Baiwangxin Hi-Tech Industrial Park,
Songbai Road, Xili, Nanshan, Shenzhen 518108, P. R China
E-mail: skmedica@skmedica.com
Website: www.skmedica.com

Shenzhen Shenke Instrument Technical Development Co., LTD. All rights reserved. Specifications subject to changes without prior notice.
P/N:ENG-SK-500III Syringe pump-210285x2-20170424

