



### **Friendliness**

- 3" large LCD screen allows infusion status to be viewed easily
- User friendly keypad design
- Embedded handle allows for easy transportation
- Intuitive programming procedure with quick guidance on screen
- Drug name display, History record, Last therapy parameter memory

### **Safety**

- High accuracy:  $\pm 2\%$ , 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-500II**  
**Syringe pump**



# SK-500II

Specifications and functions	
Dimension	360 x 145 x 123mm
Syringe size	5, 10, 20, 30, 50/60ml
Infusion mode	Rate mode, Time mode, Body weight 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 300±125 mmHg (40kPa); Medium 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	≤1.95kg (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	7, Chinese, English, Spanish, French, Russian, Turkish, Portuguese
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, 0.4-0.14A)
DC power	10-16V (2.0-1.25A)
Battery type	Lithium
Battery operation time	≥6 hours@5ml/h
Charging time	≤5 hours@100%
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

6/F, Bldg 2, 1203 Nanhuan Avenue, Yutang Block Guangming District, 518016 Shenzhen, P.R. China  
 Shenzhen Mindray Scientific Co., Ltd.  
 Tel: +86 755 8188 8998 Fax: +86 755 26582680  
 E-mail: intl-market@mindray.com www.mindray.com

Shenzhen Mindray Scientific Co., Ltd. All rights reserved. Specifications subject to changes without prior notice.  
 P/N:ENG-SK-500II Syringe pump-210285x2-20170815

