

ELK-SP500

SYRINGE PUMP



ELK-SP500 Syringe Pump

ELK-SP500 Meets all the basic requirements for general use

Specifications and Functions

Dimension	360 x 145 x 123mm
Syringe size	5, 10, 20, 30, 50/60ml
Infusion mode	Rate 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	0.1~99 99 m
VTBI	0.1~99 99 ml increment is 0.1 ml; 1000-9999ml, increment is 1ml
Increment	0.1~99 99 ml/h, increment is 0.1 ml/h; 1000~ 1500 ml/h, increment is 1 ml/h
Accuracy	±2%
KVO rate	0.5 ml/
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	2.5" LCD monochrome screen, 132 x 32 pixels
Titration	Yes, increment is 0.1ml/h
Keypad lock	Yes
Pause	Yes
Automatic recognition of syringe size	Yes
Self-test system	Yes
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

VTB! done, VTB! 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