

ELK-SP800

INFUSION PUMP



ELK-SP800 Infusion Pump

The ELK-SP800 pump is a highly economical volumetric infusion pump, built for safety, easy operation and long life. Highly accurate infusion rates ensure patient safety and optimum therapeutic effect.

Specifications and Functions

Dimension	146 x 193 x 95mm
Infusion set	Applicable to GB 8368-2005 disposals; diameters 3.5-4.5mm, thickness 0.8-1.2mm
Infusion mode	Rate mode
Flow rate range	0.1~1500ml/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	±5%
KVO rate	0.5 ml/h
Bolus rate	0.10-1500ml/h
Purge rate	600ml/h
Occlusion	Low 150±125 mmHg (20kPa); Medium 525±125 mmHg (70kPa); High 900±180 mmHg (120 kPa)
Air bubble detection	Single bubble detection: 50, 100, 250, 500, 8001 µl Accumulated bubble detection: 0.1-4.0ml/h, adjustable
Screen	2.5" LCD monochrome screen, 132 x 32 pixels
Titration	Yes, increment is 0.1ml/h
Keypad lock	Yes
Pause	Yes
Self-test system	Yes
Weight	<1.6kg (not including clamp)
Handle	Embedded handle
Mounting type	Standard: Vertical Pole
Alarm Volume	1-8 levels selectable
Language	8, Chinese, English, Spanish, French, Russian, Turkish, Portuguese, German

Alarm

VTB! done, VTB! near done, KVO finish, Bottle empty, door open, IV set not installed, occlusion, air in line, drop error, system error, system abnormal, battery low, battery empty, reminder, AC power disconnection, standby end

Safety Requirement

AC power	100-240V (50/60Hz, 0.4-0.14A)
DC power	10-16V (2.25-1.5A)
Battery type	Lithium
Battery operation time	>4 hours@25ml/h
Charging time	6 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