

# BS-2102 I-channel Syringe Pump



## >Application:

1. Continuous Microinfusion in ICU and CCU.
2. Maintenance therapy microinfusion and blood transfusion in premature infants and neonates.
3. Injections of hormones.
4. Continuous injection of anesthetics.
5. Injection of oxytocics.
6. Injection of anticoagulants during dialysis and extracorporeal blood circulation.
7. For anti cancer drugs.

## >Features:

Can be used with any standard of syringe	Identify the specifications of syringe automatically
Three work modes	Can be set at any of three levels of limit pressure
Can be set at any of three levels of alarm volume	Audible and flashing alarms
Purge	RS232 interface
Clue for mistake operations	AC power and battery
KVO	Unique colour LCD

## >Specifications:

APPLICABLE SYRINGE	Any standard of syringe with 10ml, 20ml (30ml) and 50ml (60ml)
ACCURACY	± 2% (after correct calibration)
DELIVERY RATE RANGE	50ml (60ml): 0.1ml/h~1800.0ml/h (0.1ml/h step) 20ml (30ml): 0.1ml/h~800.0ml/h (0.1ml/h step) 10ml: 0.1ml/h~400.0ml/h (0.1ml/h step)
TIME MODE	SOL. VOL.: 0.1~999.9ml (0.1ml step) TIME: 1~1999min (1min step)
BODY WEIGHT MODE	SOL. VOL.: 0.1~999.9ml (0.1ml step) DRUG MASS: 0.1~999.9mg (0.1mg step) DOSE: 0.01~99.99ug/kg/min (0.01ug/kg/min step) 0.01~99.99mg/kg/h (0.01mg/kg/h step) WEIGHT: 0.1~300kg(0.1kg the least step)
ALARMS	Near empty, Syringe empty, Volume complete (a volume limit has been set), Occlusion, Syringe loose, Operation error, Low battery and other device failures.
VOLUME LIMIT RANGE	0~1999.9ml (0.1ml step)
TOTAL VOLUME RANGE	0.1~1999.9ml (0.1ml step)
PERGE RATE	50ml (60ml): 1800.0ml/h 20ml (30ml): 800.0ml/h 10ml: 400.0ml/h
KVO RATE	1ml/h
POWER SOURCE	Ac power supply:AC 100 to 240V ±10%,50/60Hz; Internal Li Battery: 11.5V, 2000mAh. Battery life with continuous operation is approx. 8 hours (when using a new, full charges battery and running at 5ml/h with any standard of syringe)
POWER CONSUMPTION	≤25VA
SHOCK PROTECTION	Class 1, Type BF
DIMENSION	280mm×160mm×130mm
NET WEIGHT	Approx. 3.5kg
OPERATING CONDITIONS	Ambient temperature: -10~40° C Relative humidity:20~90%
STORAGE CONDITIONS	Ambient temperature: -10~55° C Relative humidity:10~90%
ACCESSORIES	AC power line, Operation manual