

syringe PUMP

SP-100 Single Channel



- Patented technology of calibration for compatible with syringe sets of any brand
- 3 work modes: rate mode, time mode and weight mode
- More safety for syringe pump will not start when the plunger is incorrectly located
- Identify the specifications of syringe automatically
- 8 hours internal battery life in high capacity
- 3 levels of occlusion pressure
- 3 levels of alarm volume
- Broad range in delivery rate
- Bolus function

SP-100 SINGLE CHANNEL SYRINGE PUMP



TECHNICAL SPECIFICATIONS

COMPATIBLE SYRINGES	10ml, 20ml (30ml) and 50ml (60ml) of any standard	
ACCURACY	± 2% with 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)
	RUNNING 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)
VOLUME LIMIT RANGE	0~1999.9ml (0.1ml step)	
TOTAL VOLUME RANGE	0.1~1999.9ml (0.1ml step)	
PURGE RATE	50ml (60ml):	1800.0ml/h
	20ml (30ml):	800.0ml/h
	10ml:	400.0ml/h
KVO RATE	1ml/h	
ALARMS	Near empty, syringe empty, volume complete (when limit volume has been set), occlusion, syringe loose, operation errors, low battery and device failures.	
BOLUS RATE	10ml : 10~300ml/hr, 20ml (30ml) : 10~600ml/hr, 50ml (60ml) : 10~1200ml/hr	
BOLUS VOLUME	Maximum of 25ml	
INTERFACE	RS-232	
POWER SOURCE	AC power supply:	AC 100 to 240V ±10%, 50/60 Hz;
	Internal Li Battery:	11.1V, 2000mAh. Approximately 8 hours of continuous operation on a new and fully charged battery with syringe running at 5ml/h.
	Power Consumption:	≤25VA
SHOCK PROTECTION	Class I, Type CF	
DIMENSION	280mm X 160mm X 130mm	
NET WEIGHT	2.5kg	

Contact us for additional information.

Note: Specifications subject to change without notice.



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