

SN-1800V / SN-1800VR Infusion Pump

Sino Medical-Device Technology Co., Ltd.

Add: 6th Floor, Building 15, Majialong Industrial Zone,
Nanshan District, Shenzhen, P.R.China

Zip: 518052

Tel: +86 755 26755692

Fax: +86 755 26755687

Email: info@sinomdt.com

www.sinomdt.com

Hotline: (+86)4008 860121



SN-1800V/SN-1800VR Infusion pump



Smart SPACE Infusion Pump

- Smart:** Support wireless communication, smart wireless management (SN-1800VR)
- Safe:** Dual-CPU, top quality driving motor, more secure
- Powerful:** Battery endurance more than 8 hours (at 25 ml/h), supports Speed/Drip/Body-weight/Time/Pre-planning infusion modes
- Accurate:** Patent algorithm on smart pulsation compensation, infusion more accurate and stable
- Convenient:** Numeric keypad convenient to input
- Economical:** Open system compatible to any brand of IV-sets, save using cost



SN-1800V/SN-1800VR Infusion pump

SPECIFICATION

Rate	1ml/h~1500ml/h(0.1ml/h per grade between 1ml/h and 100ml/h and 1ml/h per grade when it is above 100ml/h)
Bolus rate	200~1000ml/h(it can be adjustable)
KVO rate	1ml/h~5ml/h(it can be adjustable) when the infusion rate is less than the current KVO rate, automatically maintaining current rate as KVO rate
Occlusion accuracy	10 levels with highest (H)900±200mmHg (120±26.7kpa) and lowest (L)100±50mmHg(13.3±6.6kpa).
Accuracy of infusion	±5%
Bubble detector	Ultrasonic detection method, detection sensitivity: 25ul
Infusion history records	1500 pcs
Preset volume	0~9999ml
Display range of totally delivered volume	0~9999ml(0.1mL step,if the value is above 100mL,the step is 1mL)
Alarms	Time over, Non-calibration of infusion tube, Occlusion, Bubble, Door Open, Finish, KVO complete, Drip sensor abnormal, No AC power or power cable disconnected, Battery low, Battery exhausted, Speed over limit, System error
Power	AC 100~240 V, 50/60Hz Inner battery: DC 12V, 2300mAh In fully charged status, the device can working for more than 8 hours at the rate of 25ml/h(containing the time of battery low, larger battery volume is optional) Outside DC power supply : DC 12V.
Operation conditions	Ambient temperature: +5 ℃~ +40℃, Relative humidity: 20% ~ 90%, Ambient pressure: 86KPa~106Kpa
Storage conditions	Ambient temperature: -20℃ ~ +55℃ Relative humidity: ≤95%
Electric shock protection class	Class I and type CF, internal power supply, continuous operation
Water proof level	IPX4
Communication (Option)	(1)Cable-Serial RS232 (2)Wireless communication
Infusion mode setting	Flow rate mode, drip mode (detector required), weight mode, time mode, Infusion Plan
Infusion rate	3 mode: drip/min, mL/h, time/volume
Weight	1.8KG(with clamp base)
Dimension	129(Width)mm×130(Height)mm×215(Depth)mm
Infusion apparatus	Can save 12 brands of Infusion apparatus,the infusion accuracy can reach ±5% after calibration
Scope of application	With the pressure generated by the infusion pump to control the injected flow rate and delivery volume of liquid (medicine, nutrition) to the patient
Contraindications	This product is not available for blood transfusion.

Function

DUAL-CPU monitoring function	Night inner lighting function	Setting the system time	Smart pulsation compensation function
Infusion set calibration	Body-weight mode conversion	Wireless communication function	Infusion mode set
Detection of dripping number	Fast rate control	10-level occlusion alarm limits setting	Pressure dynamic display
"Purge" button activate safe protection	Water proof level	Ultrasonic bubble detection	12V DC power supply
External DC power interface	Abundant optic and sound alarm	Calling nurse interface	KVO flow rate
Standard RS232 interface	Key tone can be set to mute	1500 history records	Infusion indicating can close or open
Five infusion mode setting: supports Speed/Drip/Body-weight/Time/Pre-planning infusion modes	Drip sensor can be pluggable, optionable	Clamp lock,Easy installation	