

# SN-1800V/SN-1800VR

## Infusion Pump

SN-1800VR with Wireless Communication

Easy to use,  
high quality infusion pump

Complete  
Upgrade



SFDA



CE 0123



- ★ **Improving** the battery charge & discharge process: battery can get full charge within 4 hours in the turn-off status and support more than 6 hours at rate of 5ml/h. Battery is chargeable through vehicle power
- ★ **More choice** for IV set, support 10、15、18、20、60 drips/ml
- ★ **Add Multi-Language**
- ★ **Rate adjustable** during infusion without stop/pause
- ★ **Stand by function**, less disturb
- ★ **Back light adjustable**
- ★ **Drug library** Optional



Sino Medical-Device Technology Co., Ltd.  
Build Quality, Build Reliability

# SN-1800V/SN-1800VR Infusion Pump

ISO13485  0123

## Specifications:

Items	Parameter
Flow rate	0.1~1500 mL/h (0.1 mL/h step, if the value is 100 mL/h or above, the step is 1mL/h )
Bolus rate	5~1000ml/h(it can be adjustable)
Occlusion accuracy	10 levels with highest (H)900±200mmHg (120±26.7kpa) and lowest (L)100±50mmHg(13.3±6.6kpa).
KVO rate	0.5~5ml/h(it can be adjustable) when the infusion rate is less than the current KVO rate, automatically maintaining current rate as KVO rate
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°C~ +40°C, Relative humidity: 20% ~ 90%, Ambient pressure: 86KPa~106Kpa
Storage conditions	Ambient temperature: -20°C ~ +55°C Relative humidity: ≤95%
Electric shock protection class	Class I and type CF, internal power supply, continuous operation
IEC IP Level	IP32
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	mode: drip/min, mL/h
Weight	1. 8KG(with clamp base)
Dimension	129(Width)mm×130(Height)mm×215(Depth)mm
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
Infusion apparatus	Can save 12 brands of Infusion apparatus,the infusion accuracy can reach ±5% after calibration
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, optional	Clamp lock,Easy installation

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## Franchiser: