

# SYS-50 Syringe Pump

## Simple and Comfortable

### 3.5" Touch screen operation

Large and clear user interface, providing medical staff with a pleasant visual experience and facilitating real-time observation of the infusion status.

## Information interconnection

Optional built-in WiFi module.

Can connected to HIS/CIS via WLAN or LAN.

Can connected to MP-900 infusion central monitoring system to implement centralized monitoring of all infusions.

## Innovative and Safe

Syringe slider protection.

Certified by EN1789 standard for ambulances and medical transportation vehicles.

Internal battery up to 20 hours continuous power supply.



## Smart and Convenient

8 infusion modes: adapted for various clinical departments and a variety of special drugs.

Continuous titration: changing the flow rate without stopping the infusion.

## Specifications

Dimension	362(L) X 151(H) X 130(W)mm
Weight	1.8kg (including battery)
Screen	3.5 inch LCD touch screen
Classification	Type CF, Class I, IP24
Syringe types	All standard syringes of 5ml, 10ml, 20ml, 30ml, 50ml, 60ml

## Basic parameter

Infusion mode	Rate, Time, Weight, Sequence, Trapezia, Loading dose, Micro, TIVA
Infusion rate range	0.10-2000.0(ml/h), minimum increments 0.01ml/h
VTBI range	0.1-9999ml
Accumulated volume	0.0-99999.99ml
Accuracy	±2%
KVO rate	0.1-5ml/h
Bolus rate	0.10-2000.0(ml/h)
Occlusion level	11 levels selectable, 225mmHg- 975mmHg

## Special function

Recent therapy	20 recent therapies are recorded and can be directly used by simple selection
Rate change during infusion	Infusion rate can be changed during infusion without stop
Auto screen lock	Available
Repeated Alarm	Alarm sounds again in 2 minutes, if there is still any errors after the alarm is muted
Storage	Maximum 2000 records can be stored and reviewed
Sound volume	10 levels selectable
Power supply switching	When AC/DC power supply is cut off, the infusion automatically switch to internal battery supply

## Power supply

AC power	100-240, 50/60 Hz, 40VA input power		
External DC power	DC 12 V, 1.5A		
Internal battery	Lithium battery 10.8V 2600mAH		
Battery & Charging time			
Configuration	Fast charging time(Power off)	Normal charging time(Power on)	Battery Operation time
One 2600mAh@10.8V battery	Within 5 hours	Within 10 hours	Not less than 10 hours
Two 2600mAh@10.8V batteries	Within 10 hours	Within 20 hours	Not less than 20 hours

NOTE: Infusion at 5ml/h with new battery under room temperature

## Alarm

Near Finished, Finished, Syringe Empty, Syringe Near Empty, OCCL, Pressure Alarm, Low Battery, Battery Empty, No Battery, No Power Supply, Syringe Unknown, Syringe Install Error, Standby End, Syringe Start Fail, Reminder Alarm

## Connectivity

WiFi/Wired	Available
Data interface	USB

## Safe conditions

	Temperature	Humidity	Pressure altitude
Operating conditions	5°C to 40°C	15% to 95% RH, non-condensing	54.0 kPa-106.0 kPa
Storage and Shipping conditions	-20°C to +55°C	10% to 95% RH, non-condensing	22.0 kPa-107.4 kPa



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