52 Syringe Pump

Safe to use

Protective structure, drop resistance
Automatic elimination of mechanical
clearance

Easy to use

3.5 inch touch-screen,10 seconds to start
Open design, convenient to replace
the tubing line.

Intelligent to use

Wi-Fi connectivity to CMS
Online non-stop rate change

Specifications

Dimension:	SYS-52：366（W）X148(H)X215(D)mm
Weight:	SYS-52：3.6kg（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, Wight, Trapezia, Loading dose, Relay mode, 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 adjustable
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 used for rapid infusion
Rate change during infusion:	Infusion rate can be changed anytime during infusion without stop.
Relay function:	Continuous infusion among both channels of SYS-52 at any mode to guarantee non-stop therapies for sensitive drugs.
Auto screen lock:	Available.
Repeat alarming:	The Alarm sounds again in 2 minutes, if the alarm is not resolved but set mute only.
Storage:	Maximum 2000 records can be stored and reviewed.
Sound volume:	11 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：	SYS-52:100-240V 50/60Hzpower consumption90VA
External DC power：	SYS-52:DC 12V 3.0A
Internal battery:	Lithium battery 11.1V 1500mAh or Lithium battery 11.34V 2900mAh
Charging time:	Min 6 hours when power off
Battery duration:	SYS-52 Battery Configuration2:no less than 6 hours Battery Configuration1:no less than 10 hours NOTE:Infustion at 5ml/h with new battery under room temperature

Connectivity

WiFi/Wired:	Available
Data interface:	USB

Operating conditions

Storage Temperature:	-20℃- +55℃
Humidity:	10% to 93% RH
Pressure altitude:	70.0kPa-106.0kPa