

SYS-6010 A Infusion Pump



Small

- Compact design for efficient transportation
- Light weight for easy carrying

Smart

- User-defined screen brightness
- Selectable background colors
- Non-stop therapy with multiple infusion modes
- Drug library available

Safe

- High accuracy
- Visual, audible and textual alarm information standard
- Occlusion levels adjustable
- Adjustable air bubble detection

Speed

- Automatic door allowing fast access
- Fast set-up
- Innovative automatic anti-free-flow clamp

Simple

- Unique touch-screen design
- Intuitive operation
- Easy management of infusion
- Big font for remote monitoring

Sophisticated

- Wi-Fi connectivity
- Connectivity even in transport
- Advanced monitoring platform
- Connectable with any HIS/CIS

Specifications

Dimension	100(W) ×230(H) ×190(D)mm
Weight	<1.6 kg (including battery)
Classification	Type CF, Class I, IPX2
Screen	2.4" TFT touchscreen, brightness 10 levels adjustable, 7 colors selectable
Compatible IV set	All disposable IV sets conform to the EN ISO 8356-4 and EN ISO 8356-8 Standards

Basic Parameter

Infusion mode	Rate, Time, Weight, Sequence, Drip, Trapezia, Loading Dose
Infusion rate range	Micro0.1 - 1200.0mL/h or (0.03 - 400d/min) (20d/mL infusion set)
Increment	0.10 - 99.99 ml/h, minimum increment 0.01ml/h 100 - 999.9 ml/h, minimum increment 0.1ml/h 1000 - 1200 ml/h, minimum increment 1ml/h
VTBI range	0.1 - 99.99 (minimum increment 0.01) 100 - 999.9 (minimum increment 0.1) 1000 - 9999 (minimum increment 1)
Preset time	00:00 - 99:59 (h:m) adjustable, step by 1min
Accumulated volume	0 - 99999.99ml
Accuracy	≤ ±5%
KVO rate	0.1 - 5.0mL/h adjustable, step by 0.01ml/h, default rate: 1ml/h
Bolus rate	Manual, rapid quantitative, and automatic bolus
Purge rate	1200.0ml/h
Air-bubble detection	7 levels adjustable (25µl-800µl)
Occlusion level	225mmHg~975mmHg, 11 levels are available

Special Function

Rate change during Drug library	Infusion rate can be changed anytime during infusion, not necessary to stop infusion before change Support
Auto screen lock	"OFF" and "ON". 15s, 30s, 1min, 2min, 5min, 10min, 30min selectable when "ON". "OFF" by default
Repeat alarming	Alarm sounds again in 2 minutes, if there is still alarm after alarm is mute
Recent therapy	Support, 20 pieces of records can be used
Event recording	Maximum 2000 events can be stored and play back
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	100-240V, 50/60Hz, power consumption 45VA
External DC power	DC 12V, 1A
Internal battery	Lithium battery 7.2V, 2600mAH
Battery duration	≥ 5 hours @ 25 mL/h (with a new battery)

Alarm

Visual and acoustic alarm	Near Finished, Finished, OCCL, Low Battery, Battery Empty, No Battery, No Power Supply, The Pump Door Open, Air Bubble, No Drip Sensor, No Drips, Drips Abnormal, Reminder Alarm, Relay Index Duplicate, Infusion Start Fail, Standby Time Expired
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Connectivity

WiFi / Wired	To connect central infusion monitoring system, nurse call, voice communication
Barcode scanning	Patient information input by barcode scanning
Data interface	Supported, RS232, USB

Mounting

Handle	Available
Pole clamp direction	Can be mounted at different directions, 90°/ 180°/ 270°/ 360°

Safety Requirement

Operating conditions	Temperature: 5°C to 40°C Humidity: 15% to 95% RH, non-condensing Pressure altitude: 70.0kPa-106.0kPa
Storage conditions	Temperature: -20°C to +55°C Humidity: 10% to 93% RH, non-condensing Pressure altitude: 22.0kPa-107.4kPa



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