

SYS-6010 | Volumetric 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

Speed

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

Safe

High accuracy
Visual, audible and textual alarm information standard
Occlusion levels adjustable

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	About 1.2 kg (including battery)
Classification	Type CF, Class I, IPX2
Screen	2.4" LCD touchscreen, brightness 10 levels adjustable, 7 colors selectable
Compatible IV set	All disposable IV sets conform to the standard

Basic Parameter

Infusion mode	Rate, Time, Weight, Sequence, Drip Mode
Infusion rate range	0.1 - 1200.0ml/h or (0.03 - 400d/min)
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	0.1 - 1200.0ml/h 3 bolus ways selectable: Automatic/ Manual/ Rapid quantitative Bolus
Purge rate	1200.0ml/h
Air-bubble detection	>25μl
Occlusion level	3 levels selectable, (300±100)/(550±150)/(900±200)mmHg

➔ Special Function

Rate change during infusion	Infusion rate can be changed anytime during infusion, not necessary to stop infusion before change
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
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 11.1V, 1500 mAh
Battery duration	> 5 hours @ 25 mL/h with a new battery)
Charging time	10 hours when powered off

➔ 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 pager, voice communication and infusion pump information network
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 Pressure altitude: 70.0kPa-106.0kPa
Storage conditions	Temperature: -20°C to +55°C Humidity: 10% to 93% RH Pressure altitude: 22.0kPa-107.4kPa



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