

SYS-70

The champion of infusion pump



Specifications

Dimension	160(W) x 236(H) x 92(D)mm
Weight	About 1.5kg (including the battery of standard configuration)
Service Life	10 years
Date of Manufacture	See the label at the bottom of the product
Classification	Type CF, Class I, IP34
Screen	3.5" LCD touchscreen, brightness 10 levels adjustable, 7 colors
Compatible IV set	All disposable IV sets conform to the standard ISO 8536-4 or ISO 8536-8

Basic parameter

Infusion mode	Rate, Time, Weight, Trapezia, LoadingDose, Sequence, Drip, Micro Mode
Infusion rate range	0.1-1500.0ml/h (or 0.03-500d/min)
Increment	0.10-99.99ml/h (minimum increment: 0.01ml/h) 100.0-999.9ml/h (minimum increment: 0.1ml/h) 1000 -1500ml/h (minimum increment: 1ml/h)
VTBI range	0.10 - 99.99ml (minimum increment: 0.01 ml), 100.0 - 999.9ml (minimum increment: 0.1 ml), 1000 - 9999ml (minimum increment: 1ml)
Preset time	1min~99h59min, minimum increment 1min
Accumulated	Volume 0-99999ml
Accuracy	≤ ±5%
KVO rate	0.1-30.00ml/h
Bolus rate	0.1-1500ml/h 3 bolus ways selectable: Automatic/Manual/Rapid quantitative Bolus
Purge rate	1500ml/h
Air-bubble detection	Single bubble level: 20, 50, 100, 200, 300, 500, and 800 (ul) Cumulated bubble level: 100ul/15min, 200ul/15min, 400ul/15min, 500ul/15min, 600ul/15min, 800ul/15min, and 1000ul/15min
Occlusion level	13 levels selection, 75mmHg~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, 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
Drug library	Maximum of 5000 drug types can be stored (default: 60 preset drug types)
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	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 V AC, 50/60 Hz, 35 VA input power
External DC power	DC 12V, 2A
Internal battery	Configuration1 (standard): one 11.1V 1500mAh lithium battery; Configuration 2 (optional): two 11.1V 1500mAh lithium batteries; Configuration 3 (optional): two 11.34V 2900mAh lithium batteries;
Battery duration	Configuration 1: > 5 hours@25ml/h with a new battery Configuration 2: >10 hours@25ml/h with a new battery Configuration 3:>20hours@25ml/h with a new battery
Charging time	Configuration 1: 4 hours when powered off, Configuration 2: 8 hours when powered off Configuration 3: 15 hours when powered off

Safety Requirement

Operation conditions Temperature	5°C~40°C Humidity: 15%~95% RH,non-condensing Pressure altitude: 53.9~106.0kPa
Storage conditions	Temperature: -20°C~+55°C Humidity: 10%~95% RH, non-condensing Pressure altitude: 22.0~107.4kPa

Alarm

Visual and acoustic alarm	Near Finished, Finished, OCCL, Up OCCL, Low Battery, Battery Empty, No Battery, No Power Supply, Air Bubble, No Drop Sensor, No Drop, Drop Error, Reminder Alarm, Standby End, Pre OCCL, and Door Open
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Connectivity

WiFi /Wired	To connect central infusion monitoring system, nurse call , and infusion pump information network
Barcode scanning	Patient information input by barcode scanning
Date interface	Supported, RS 485, USB 3.0

Mounting

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



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