Medcaptain

SYS-6010 VET Infusion Pump



Specifications

Dimension	100(L) x 230(H) x 190(W) mm
Weight	< 1.6kg (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, Micro
Infusion rate range	0.1-1200 ml/h or (0.03 - 400 d/min) (20 d/ml infusion set)
Increment	0.10 – 99.99 ml/h, minimum increment 0.01 ml/h 100 – 999.9 ml/h, minimum increment 0.1 ml/h 1000 – 1200 ml/h, minimum increment 1ml/h
VTBI range	0.0-99.99 (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 1 min
Accumulated volume	0 – 9999.99 ml
Accuracy	±5%
KVO rate	0.1 - 5 ml/h adjustable, step by 0.01 ml/h, default rate 1ml/h
Bolus rate	Auto bolus， 0.1 – 1200 ml/h
Purge rate	1200.0 ml/h
Air-bubble detection	> 25 μl
Occlusion level	11 levels selectable, (225mmHg - 975mmHg)

Special Function

Rate change during	Infusion rate can be changed anytime during infusion without stop
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 2min, if there is still any errors after the alarm is muted
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 -240 V, 50/60 Hz, power consumption 45 VA
External DC power	DC 12 V, 1 A
Internal battery	Lithium battery 7.2 V, 2600 mAH
Battery duration	≥ 5 hours @ 25ml/h (with a new battery)

Alarm

Visual and acoustic alarm	Near 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

Connectivity

WiFi / Wired	To connect central infusion monitoring system, nurse call, voice communication
Barcode scanning	Patient information input by barcode scanning
Data interface	Supported, RS485, USB*3

Mounting

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

Safe Requirement

Operating conditions	Temperature: 5ºC to 40ºC Humidity: 15% to 95% RH, non-condensing Pressure altitude: 70.0 kPa – 106.0 kPa
Storage conditions	Temperature: -20ºC to +50ºC Humidity:10% to 93% RH, non-condensing Pressure altitude: 22.0 kPa – 107.4 kPa

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