MP-60 Infusion Pump



Small

- Compact design help space-saving
- Light and easy carrying
- Stackable design, connectable with pumps or workstation

Smart

- User-defined screen brightness and background colors
- Relay function between pumps on any mode and auto shift therapies without pause

Safe

- High accuracy
- Visual, audible alarm information
- Occlusion levels adjustable
- Real-time monitoring infusion states
- Well-designed automatic anti-free-flow clamp

Simple

- Convenient touchscreen design
- Intuitive operation
- Easy management of infusion
- Clear interface for easy-read information

Sophisticated

- Wi-Fi function available
- Connectivity even in transport
- Compatible with HIS/CIS system
- Connectable with infusion central monitoring system

Simple

- Convenient touchscreen design
- Intuitive operation
- Easy management of infusion
- Clear interface for easy-read information

Specifications

Dimension	202(W) x 74(H) x 133(D) mm
Weight	< 1.22kg (including battery)
Classification	Type CF, IPX2
Screen	2.4” LCD touchscreen, 7 colors selectable
Compatible IV set	All disposable IV sets conforming to EN ISO 8356-4 and EN ISO 8356-8 standards

Basic Parameter

Infusion mode	Rate, Time, Weight, Loading Dose, Trapezia, Sequence, Micro, Relay, Drip Mode
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	00:01 – 99:59 (h:m) adjustable, step by 1 min
Accumulated volume	0 – 9999.99 ml
Accuracy	±5%
KVO rate	0.1 – 5.0 ml/h adjustable, step by 0.01 ml/h, default rate 1ml/h
Bolus rate	Auto bolus， 0.1 – 1200 ml/h 3 bolus ways selectable: Automatic/Manual/Rapid quantitative Bolus
Purge rate	1200.0 ml/h
Air-bubble detection	7 levels configurable: 25, 50, 100, 200, 300, 500, 800μl, 25 μl by default
Occlusion level	11 levels selectable, 225mmHg - 900mmHg (30kPa-130kPa)

Special Function

Rate change during	Infusion rate can be changed anytime during infusion without stop
Relay function	Relay function is available with workstation, it allows two pumps that under any infusion mode shift without pause
Auto screen lock	This function can be set to OFF, 15s, 30s, 1min, 10min or 30min The default value is OFF
Repeat alarming	Alarm sounds again in 2min, if there is still any errors after the alarm is muted
Drug library	A maximum of 2,000 drug types can be stored
Event recording	Maximum 2000 events can be stored for review
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 pager, voice communication
Barcode scanning	Patient information input by barcode scanner
Data interface	USB*3, LAN, RS485, Wi-Fi (optional)

Mounting

Workstation	Supported
Between pumps	Stackable between any MP series syringe / infusion pumps produced by Medcaptain
Handle	Available
Pole clamp direction	Can be mounted at different directions, 90°/180°/270°/360°

Safe Requirement

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

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