

Make Infusion
Smarter and Safer

MP-60 Infusion Pump



Simple and easy to use

Touch operation, easy and convenient

Innovative touch operation, quick response to various settings, reversed the complicated operation process and brings a different user experience.

Flexible and lightweight

Compact and light body design, flexible and versatile, allowing for free conversation to different clinical circumstances. Pumps can be freely assembled through the guide rail, without any other tools.

Ultra-long standby time

High capacity lithium battery provides reliable support for transport and other emergencies.



For more information about our products and services,
please contact us through the following channels.



Every innovation targets safer infusion

Automatic pump door

Press lightly and the door opens. Patently designed automatic door guarantees infusion safety under complete closed pump door.

Automatic antireflow system

press lightly, the anti free-flow clamp will open or close. When pump door opens, the free-flow clamp closes automatically, avoiding risks from liquid spills.

Occlusion alarm and Anti-Bolus

11 occlusion levels setting are available for clinical use of various drugs. When the infusion tube occludes there is automatic decompression, to avoid liquid spills, drug pollution and waste caused by pressure change. Also reducing the risk from over-dose infusion.

Double CPU design, two-way independent sound-light alarm

independent double CPU control guarantees real-control and data reliability, creating strict management of the risk process and a complete alarm system to reassure the clinics.

Emergency alarm system

Internal super-capacitor, providing a 3 minute alarm in the case of a sudden power exhaust, to guarantee safety

Total squeezing peristaltic system pump

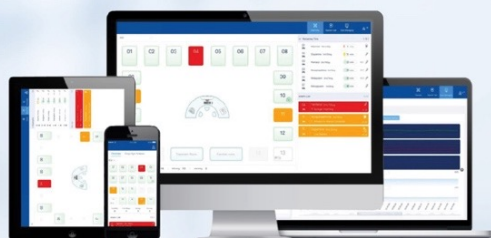
Adopt the most mature total flexible peristaltic technology in the industry, making infusion more safe and precise.



MP-30 Syringe Pump



MP-60 Infusion Pump



MP-80 Infusion Workstation

Infusion Central Monitoring System

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
- Standby and night mode available
- Relay function between pumps on any mode and auto shift therapies without pause

Safe

- High accuracy
- Visual, audible alarm information
- Occlusion levels adjustable and show real-time pressure
- Real-time monitoring infusion states
- Well-designed automatic anti-free-flow clamp
- Power-on self-test system



Sophisticated

- Wi-Fi function available
- Connectivity even in transport
- Compatible with HIS/CIS system
- Connectable with infusion central monitoring system
- Compatible with MFM-CMS 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	< 1.3kg (including battery)
Classification	Defibrillation-proof type CF applied part, IPX2
Screen	2.4" LCD touchscreen, 7 colors selectable
Compatible IV set	All disposable IV sets conforming to EN ISO 8536-4 and EN ISO 8536-8 standards, A pop up menu list of IV set must shown when close the door

Basic Parameter

Infusion mode	Rate, Time, Weight, Loading dose, Trapezia, Sequence, Drip, Intermittent, Chronological, Micro Mode
Infusion rate range	0.01-1200 ml/h or (0.03 - 400 d/min) (20 d/ml infusion set)
Increment	0.01 – 99.99 ml/h minimum increment 0.01 ml/h, 100.0 – 999.9 ml/h minimum increment 0.1 ml/h, 1000 – 1200 ml/h minimum increment 1ml/h
VTBI range	0.10-99.99 ml (minimum increment 0.01) 100.0 – 999.9 ml (minimum increment 0.1) 1000 – 9999 ml (minimum increment 1)
Preset time	00:01 – 99:59 (hh:mm) 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	0.1 – 1200 ml/h; 3 bolus ways selectable: Automatic, Manual, Rapid quantitative Bolus
Purge rate	1200.0 ml/h (Depends on types of infusion set)
Air-bubble detection	7 levels configurable: 25, 50, 100, 200, 300, 500, 800µl, 25 µl by default
Occlusion level	11 levels selectable, 225mmHg - 975mmHg (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, 2min, 5min, 10min, 30min The default value is OFF

Repeat alarming

Alarm sounds again in 2min, if there is still any errors after the alarm is muted

Remember the last memory

Support

Blood Transfusion

Support

Event recording

Maximum 2000 events can be stored for review

Languages

Multi languages including English, Thai

Display Brightness

10 levels selectable

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, 50/60 Hz, power consumption 45 VA

External DC power

DC 12 V, 1 A

Internal battery

Lithium-ion battery 7.2 V, 2600 mAH

Battery duration

≥ 5 hours @ 25ml/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, Pre OCCL, System Error

Connectivity

WiFi / Wired

To connect central infusion monitoring system, nurse call, drop sensor, workstation

Barcode scanning

Patient information input by barcode scanner

Data interface

USB*3, Wi-Fi

Mounting

Workstation

Supported

Between pumps

Stackable between any MP series syringe / infusion pumps produced by Worldmed

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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For more information >>>

