

INFUSION PUMP

MP-60



Technical Specifications

ENVIRONMENTAL SPECIFICATIONS

Operating conditions

Ambient Temperature: 5ÿ-40ÿ

Relative Humidity: 15%-95%, non-condensing

Atmospheric pressure: 70.0 -106.0 kPa

Storage conditions

Ambient Temperature: -20ÿ-+55ÿ Relative

Humidity: 10%-93%, non-condensing

Atmospheric pressure: 22.0.0 -107.4.0 kPa

MAIN SAFETY RULES

Class I, Type CF, IPX2 rating Main safety

standards:

IEC60601-1 Medical Electrical Equipment - Part 1: General requirements for basic safety and essential performance. IEC60601-2-24 Medical Electrical Equipment - Part 2-24: Particular safety requirements for infusion pumps and controllers.

IEC60601-1-8 Medical Electrical Equipment -- Part 1-8: General

requirements for basic safety and essential performance – Collateral Standard: General requirements, tests and guidelines for alarm systems in medical electrical equipment and medical electrical systems, no sterilization requirement for the pump. IEC60601-1-2

Medical Electrical Equipment – Part 1-2: General requirements for basic safety – Collateral Standard: Requirements and tests for electromagnetic compatibility.

PHYSICAL SPECIFICATIONS

Dimensions: 202(W) x74(H) x133(D) mm Weight: <1.22 kg

(including battery)

Color TFT display size: 2.4 inch touch

Resolution: 320 x 240.

Connection:

3 USB ports, allowing the connection of optional accessories.

FUNCTIONAL SPECIFICATIONS

Channels: 1

Types of infusion:

Blood transfusion Infusion

of blood components

Intravenous infusion.

Parenteral nutrition support.

Operating mode: continuous

AC Supply: 100-240VAC, 50/60 Hz.

Power consumption: < 25 VA

External DC power supply: DC 12 V, 1A Internal battery:

7.2 V 2600 mAh lithium battery

Battery model: 18650-2S1P-02

Continuous use time: no less than 5 hours (for 25 mL/h infusion with new battery)

Fuse: T1, 6AL 250 VAC

Compatible infusion set:

All sets available that comply with the standard.

Infusion Modes:

9 modes and they are as follows:

Speed

Time

Weight

Trapezes

Dose Loading

Sequence

Drip (requires drip sensor, optional)

Relay (Requires MP-80 workstation)

Micro

Infusion setting range

0.1 - 1200.0 ml/h (20 d/ml infusion set)

VTBI configuration range

0.1 - 99.99 (increment less than 0.01) 100 -

999.9 (increment less than 0.1) 1000 - 9999

(increment less than 1)

Total Volume adjustment range:

0.0-9999.9 mL

Accuracy: ±5%

Operation Purge Range:

1200.0 ml/h (20d/ml infusion set)

Operating range Bolos:

0.1-1200 ml/h (20 d/ml infusion set)

Automatic calculation of the bolus speed according to to the amount of bolus.

KVO:

0.1~ 5 mL/h

Air bubble sensor, sensitivity:

Detects air bubbles ÿ 0.025 ml, (- 0 / +0.025 ml).

Occlusion level:

11 levels (225 mmHg ~ 975 mmHg)

Pressure sensor number:

1 Lower pressure sensor.

Alarms:

Almost finished.

Finalized.

OCCL (Occlusion).

Low battery.

Battery dead.

No battery.

No power supply.

Pump door open.

Air bubble.

Without drip sensor.

It doesn't drip.

Abnormal dripping.

Alarm reminder.

Timeout expired.

Special Features:

Alarm Snooze: If two minutes after silencing an alarm sound, it still exists, the sound will be emitted again.

Event Recording: Can store and play back a maximum of 2000 events. events.

Alarm Volume Setting: 11 levels of alarm volume.

Power Supply Change: When the power is cut off

AC/DC supply, the infusion will automatically switch to AC/DC supply. the internal battery.

Barcode Scanning: Enter patient information via barcode scanning.

Real-time flow change.

Last configuration memory.

Horizontal Design.

Screen lock.
Start memory.
Night mode.

Screen brightness: 10 levels.
Interchangeable background style: 7 backgrounds.

Maintenance reminder.
Patient information management.
Easy door opening.
Standby Function.
Library of drugs or medicines.

Wi-Fi communication module (optional):
Directly on the computer or with the MP-80 Workstation compatible with this feature.

OPTIONAL ACCESSORIES

MP-80 Modular Station.
Wi-Fi communication module
Barcode scanner.
Nurse call button.
MP-900 monitoring center.
Drip sensor.

MP-80 WORKSTATION (optional)

*Free combination.

*Each station has 3 compartments, but due to its easy extension, it can be extended up to 15 compartments without tools.

* A single AC power cable.

-Automatic pump synchronization:

The basic parameters are set on a single pump, which are automatically synchronized on all other pumps connected to the pump.
workstation.

-Activating the relay infusion mode:

MP-80 workstation, ideal for space management and suitable for clinical applications.

