

MEDECO Infusion Pump OIP-900



1. 4.3 inch color LCD with backlight
2. Three working modes: Rate/Volume/Time mode
3. Purge, KVO function
4. Heating and remote control functions
5. Audible and Visible alarms
6. Alarm: Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle
7. Calibration function, suitable for any brand disposable IV set

Size: 188 mm(L)*198 mm(W)*228 mm(H)

Net Weight: 2.2kg

Technical Specifications

Pump Type: Drip type infusion pump

Pumping Way: Peristaltic fingers

Adjustable Drop Rate Range: 1~400 drops/min (step: 1 drop/min)

Adjustable Volume Rate Range: 1~1200 ml/h (when 1~99.9 ml/h, step: 0.1 ml/h; greater than 99.9 ml/h, step: 1 ml/h)

Flow Precision: Within $\pm 3\%$ (using the IV set appointed by the manufacturer or calibrated high quality IV set) Mechanical precision: within $\pm 2\%$.

Purge Rate: 800 ml/h

KVO Rate: 1 ml/h (1~300 ml/h);

3 ml/h (greater than 300 ml/h);

Infusion Volume Range: 1 ml~9999.9 ml (step: 0.1 ml)

Maximum Accumulated Volume: 9999.9 ml (step: 0.1 ml)

Time Range: 1 min~9999 min (step: 1 min)

Occlusion Alarm Threshold: High: 800 mmHg ± 200 mmHg (106.7kPa ± 26.7 kPa)

Medium: 500 mmHg ± 100 mmHg (66.7kPa ± 13.3 kPa)

Low: 300 mmHg ± 100 mmHg (40.7kPa ± 13.3 kPa)

Alarm: Infusion Complete, Empty, Faulty Signal, Misoperation,

Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle.

Air Bubble Detector: Method: ultrasonic wave, sensitivity: $\geq 25 \mu\text{L}$

Fuse: F1AL/250V ("F" indicate fast, "L" indicate low breaking capacity),

2 pcs (installed inside pump).

Power Supply: AC 85~265V, 50/60Hz;

Internal Battery: 11.1V rechargeable li-ion battery. Capacity: $\geq 2000\text{mAh}$;

the pump can work more than 4 hours at the flow rate of 25 ml/h after charging for

8 hours (Medium rate specified by GB 9706.27-2005).

Power: $\leq 40\text{VA}$

Size: 188 mm(L)*198 mm(W)*228 mm(H)

Weight: 2.2KG

Environment Requirements: Transport

Ambient Temperature: $-30^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Relative Humidity: 20%~95% (non-condensing)

Atmosphere Pressure: 70kPa~106kPa

Storage

Ambient Temperature: $-30^{\circ}\text{C} \sim +55^{\circ}\text{C}$

Relative Humidity: 20%~95%

Atmosphere Pressure: 70kPa~106kPa

Operation

Ambient Temperature: $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$

Relative Humidity: 20%~90%

Atmosphere Pressure: 86kPa~106kPa

Calibration function, disposable IV set of any brand is suitable for this pump. Three working modes: Rate/Volume/Time mode.

Alarm: Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle.

Purge, KVO function

Heating function , suitable for infusing in winter or there is requirement for the fluid medication temperature.

Remote Controller

makes operating more convenient.

infusion monitoring system (Optional),

the status of each pump is displayed in real time at the central station through wireless transmission.

4.3 inch color LCD display, with backlight, suitable for working in various ambient light conditions.

Display time, battery, infusing status, mode, rate, target volume, accumulated volume, target volume, sound volume, pressure, department, bed No., I/V set, temperature of medication

Drip Detector.

Infusion Stand (Optional)