



OIP-900 Infusion Pump



Devote to life technology

OIP-900 (Basic) Infusion Pump

Features

- 4.3" color LCD screen, backlight display
- Three working modes: Rate/Time/Volume mode
- Purge, KVO function
- Heating function
- Remote controller function
- Audible and Visible alarms
- Alarm: Infusion Complete, Empty, Faulty Signal, Misoperation, Occlusion, Door Open, Air Bubble, Low Battery, Setting Error, AC power off, Idle
- Calibration function, suitable for any brand of disposable IV set

Standard: Heating function, Drop sensor, Remote controller

Technical Specification

Pump Type

Drip rate type infusion pump

Mechanism

Peristaltic pump

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 Rate Accuracy

Within $\pm 3\%$ (using calibrated high quality IV set)

Mechanical Precision: within $\pm 2\%$

Purge Rate: 800 ml/h

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

2 ml/h (100~300ml/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

2 pcs (installed inside pump).

Power Supply

AC 85~265V, 50/60Hz;

Internal Battery

11.1V rechargeable li-ion battery. Capacity: $\geq 2000\text{mAh}$;
Over 4 hours' working when battery is charged for 8 hours, at flow rate of 25ml/h.

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: 70~106 (kPa)

Operation

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

Relative Humidity: 20%~90%

Atmosphere Pressure: 86~106 (kPa)