



The Features of Volumetric Infusion Pump HX-801D

1. Complies with IEC 60601, high safety designation with dual CPUs.
2. High brightness LCD display and user-friendly operation interface.
3. Easy switch among d/min, mL/h and volume/time units.
4. Available for Bolus mode.
5. Anti-reverse function on motor to prevent upstream.
6. Self-check when start up and during infusion.
7. Top pressure sensor for preventing underflow.
8. Pressure and air-in-line detection devices both with 8 sensitivities setting, dynamically display pressure value.
9. IV set management function: Up to 20 IV sets can be added, stored and deleted in memory, convenient for operation after calibration.
10. Adjustable 8 volume levels of alarm for convenient operation in different environments.
11. CE certified.

• The Specifications of Infusion Pump HX-801D

Infusion Mode	Volumetric
Pumping Mechanism	Peristaltic finger pump
Optional Infuse Rate Unit	d/min, mL/h and volume/time
IV Sets	Standard IV sets of 10, 15, 20 and 60 d/mL, with diameter 3.4 ~ 4.5mm.
Flow Rate Range	1.0 ~ 1200 mL/h
Increment	From 0.1 mL/h to 99.9 mL/h, 0.1 mL increment; ≥ 100 mL/h, 1 mL increment.
Flow Rate Accuracy	$\leq \pm 5\%$ (after calibration)
Volume Limit	1~9999 mL
Volume Infused Display	0~9999 mL & >9999 mL
Purge Rate	600 mL/h
KVO Rate	1 mL/h
Bolus Mode	Available for Bolus mode, flow rate adjustable.
Occlusion Pressure	Upstream and downstream pressure detection device with 8 sensitivities setting, 40 ~ 140KPa.
Air-in-line Detection	Air bubble detected by ultrasonic and the device with 8 sensitivities setting, 50~1000 μ L.
Alarm Volume	8 levels setting
Anti-reverse Function	Anti-reverse function on motor to prevent upstream
IV Set Management and Flow Rate Calibration	IV sets can be added, stored and deleted in memory, convenient for operation after calibration.
Self-check	Self-check when start up and during infusion
Audio and Visual Alarms	Air-in-line, Door open, Upstream occlusion, Downstream occlusion, Infusion finished, No operation, Bottom empty, Battery low, Pump error, Motor reverse, AC power lost, etc.
Display	Blue LCD with high brightness
Power Source	AC: 100V~240V, 50Hz/60Hz, ≤ 25 VA
Battery	Rechargeable Ni-MH battery: DC12V, 2000mAh, life: ≥ 4 hours at 25mL/h, remaining battery displayed.
Operating Conditions	Temperature: 5°C~40°C Relative humidity: 20%~90% Atmospheric pressure: 70~106KPa
Storage Conditions	Temperature: -20°C ~ 55°C Relative humidity: 10%~90% Atmospheric pressure: 70~106KPa
Classification	Class II, CF, IPX4
Dimensions and Net Weight	150mm x 150mm x 235mm; 2.3kg
Application	Intravenous infusion for various liquid medicines, such as vascular expansion solution, anticancer drug, accelerative procreates drug, liquid nutrient, etc. Applicable for micro and rapid infusion.