

DIGIPUMP™ IP88X

Multi-Function Linear Infusion Pump



The new DigiPump™ IP88x from Digicare Animal Health brings precision, ease of use, safety and versatility to your hospital. Designed to fully comply with IEC 60601-2-24, our new linear peristaltic infusion pumps brings a whole new array of features and benefits for your day to day fluid therapy requirements.

- Uses any standard IV set
- Stores in memory up to 20 different brands of IV sets
- Automatic IV set adjustment function corrects errors for increased accuracy
- Ultrasonic air-in-line detector
- Multi-Function operation with 2 modes:
Drip Rate Mode and Volumetric Mode
- Pump compensates for backpressure to maintain a precise infusion rate.
- Large displays for infusion rate, volume infused and volume to be infused (VTBI)
- Flow rates with increments of 0.1ml/h
- Internal battery for 4 hours of operation
- Includes bracket for attaching to IV Pole



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Technical Specifications

Infusion Mode	Volumetric
Pumping Mechanism	Linear peristaltic pump
Optional Infuse Rate Unit	d/min, mL/h and volume/time
IV Sets	Normal IV set can be used after calibration. For European market, only dedicated IV set is applicable.
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	≤ ± 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 ~ 1000μL.
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, ≤ 25VA
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 N.W.	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.



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