

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

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|---|---|
| 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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