INFUSION PUMP:

Technical Specification

- Bolus: 600ml/h
- Flow rate range: 1-600ml/h
- Volume limit: 1-9999 ml
- Accuracy: ±5%
- KVO flow rate: 1ml/h, keep vein open KVO rate
- Power supply: AC100-240V, 50/60 Hz, 25VA
- Water Proof: IP *I
- Battery: Rechargeable lithium polymer battery, 7.4 V, 1650mAh
- Electrical safety: compliance with the requirements of IEC 60601-1.
- Max. Power consummation: 25W
- Battery recharge: When the pump is connected to the AC power, the battery will automatically recharge. About 8-14 hours to recharge fully. Can run for more than 5 hours continuously after fully recharged.
- Fuse Type: 220V 2A*2, 12V 2A*2
- Display or information: Flow rate, volume limit, accumulated volume, power indicator light, bed No., air, occlusion, empty.
- Alarm function: Infusion completion, occlusion, air bubble, low battery, control abnormal, no AC power supply, installation error.
- Max. size of outer shell: 120*140*190 mm-length* width* height
- Max. weight:< 2.5 kg
- Classification: Type B.
- Outer shell material: ABS plastic
- operating condition: Environment temperature:+5℃-+40℃, atmosphere
- pressure 50-106kPa, related humidity 30%-90%
- Storage and transport condition: Environment temperature -15℃-+50℃, atmosphere
- pressure 50-106kPa, relative humidity 30%-90%.
- Applicable infusion pipe: All standard infusion pipe use "double dove" to test
DP2085 - Infusion Pump - Superior

- Secure: Automatic Infusion pump at constant temperature
- Perfect: Working mode at night
- Convenient: Weight mode conversion

**Function:**
- Tube heating function
- Dual-CPU monitoring function
- Setting the system time
- Body-weight mode conversion
- 3-level occlusion alarm limits setting
- 1500 history records
- Night inner lighting function
- Pressure dynamic display
- Detection of drip sensor
- Wireless communication function
- Smart pulsation compensation function
<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Flow rate</td>
<td>0.1~1500 mL/h (0.1 mL/h step, if the value is 100 mL/h or above, the step is 1mL/h )</td>
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<tr>
<td>Washing rate</td>
<td>600~1000 mL/h (Adjustable)</td>
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<tr>
<td>KVO rate</td>
<td>0.1 mL/h~5 mL/h (Adjustable)</td>
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<tr>
<td>Occlusion warning value</td>
<td>‘H’: 900±200 mmHg (120±26.7 kPa)</td>
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<tr>
<td></td>
<td>‘C’: 500±100 mmHg (66.7±13.3 kPa)</td>
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<tr>
<td></td>
<td>‘L’: 100±50 mmHg (13.3±6.6 kPa)</td>
</tr>
<tr>
<td>Accuracy of infusion</td>
<td>≤±5% (≤±3% for calibrated infusion apparatus)</td>
</tr>
<tr>
<td>Bubble detector</td>
<td>Ultrasonic detection method</td>
</tr>
</tbody>
</table>
Detection sensitivity | 25 ul
---|---
Infusion history records | 1500 pcs
Preset volume | 1~9999 mL
Display range of totally delivered volume | 0~9999 mL (0.1 mL step, if the value is above 100 mL, the step is 1 mL)

**Power**
- AC110~230V, 50~60 Hz
- Inner battery: DC12 V, 2300mAH, in fully charged status, the device can working for more than 6 hours at the rate of 25mL/h (containing the time of battery low, larger battery column is optional)
- Outside DC power supply: DC 12V

**Operation conditions**
- Ambient temperature: +5~+40℃, Relative humidity: 20%~90%, Ambient pressure: 86~106KPa

**Storage conditions**
- Ambient temperature: -20~+55℃, Relative humidity: ≤95%

**Electric shock protection/class**
- Class I and internal power supply: Type CF, Continuous operation

**Water proof level**
- IPX4

**Communication (Option)**
- (1) Cable - Serial RS232
- (2) Wireless communication - zigbee

**Infusion mode setting**
- Rate mode, drip mode, weight mode and time mode, two groups of infusion program can be set under 'rate mode' and 'drip mode'.

**Infusion rate**
3 mode: Drip/min, mL/h, time/volume

**Weight**
- 2.5kg (with clamp base)

**Dimension**
- 308mm (Width)×140mm (Height)×144mm (Depth)

**Infusion apparatus**
- Can save 9 brands of infusion apparatus, the infusion accuracy can reach ±3% after calibration

**Scope of application**
- With the pressure generated by the infusion pump to control the injected flow rate and delivery volume of liquid (medicine, nutrition) to the patient

**Contraindications**
- This product is not available for transfusion

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**Features:**
- All standard syringes of 10ml/20ml/50ml are compatible. The machine diagnoses the syringe size automatically, and with a simple syringe specification setting, the syringe pump can guarantee an accurate and safe injection.
- Unique function of bedside injection supervision which makes patients and their relatives as well as nurses more assured.
- Excellent injection function and operation. Even small-volume injection is accurate.
- Double CPU system ensures safe and reliable injection process.
- Driven by precision step motor, no pulsating waves shall occur during even low-rate injection.
- Accurate and sensitive pressure sensor detects occlusion pressure accurately.
- Alarms are given in case of malfunction or operation error and the machine stops operation automatically.

**Specifications:**
- Feasible injection rate range: 10ml: 0.1-100ml/h
  - 20ml: 0.1-200ml/h
  - 50ml: 0.1-500ml/h

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**DP2070 - Perfusor Compact**
• Maximum power consumption: 25VA, running more than 5h after being fully charged.
• Injection increment: 0.1ml/h
• Injection accuracy: ±3%
• Bolus: The fastest rate of the size of syringe in use
• Displayed information: Rate, accumulated injection volume, Syringe size Battery capacity, Bed No., AC power indicator, Battery charge indicator.
• Accumulated injection volume: 0-999.9ml
• Alarm functions: Near, Over, OCCL., low battery, syringe installation error, control abnormal, machine malfunction
• Electrical safety: Comply with the requirement of GB9706.1-1995, EN60601-1 and UL60601-1
• EMC (Electromagnetic compatibility): Comply with the requirement EN60601-1-2, EN60601-2-24
• Power supply: 50/60Hz AC100V-240V
• Maximum weight: <3.0kg

DP2080 - Spirometer

Features:
• Designed for daily home healthcare and clinique
• Light weight and portable size
• 1.8” 160x128 TFT display, led backlight.
• Simple operation and rapid test.
• Basically analyze and state explain.
• Provide rate-volume and volume-time waveform used for diagnosing to doctor
• Inner flash memory for data storage, and the storage data can be uploaded to computers.
  (used USB or wireless manners)
• Power capacity indication and automatic power off in 1 minute.

**Specifications:**
• Max volume: 10L
• Flow range: 16L/s
• Volume accuracy: ±3% or 50ml
• Flow accuracy: ±5% or 200ml/s
• Battery: built-in lithium battery (DC 3.7V)
• Dimension: 97mm (L) × 89mm (W) × 36mm (H)
• Netweight: 150g
Infusion Pump - Manufacturer & Exporter of Infusion Pump, Infusion Pump Products & Supplies, India. Trust NET brand for Surgical Instruments, Medical Supplies, Hospital Equipments, Laboratory Products & Goods.