

CONTEC™

「CARE HEALTH CARE LIFE」



INFUSION PUMP

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INFUSION PUMP



High precision infusion



LCD



Abnormal alarm



External power supply



The product is a volumetric infusion pump, features in high safety, easy operation and long life. Flow control with high accuracy and comprehensive alarm measures ensure patient's safety and optimum therapeutic effect.

Function

- ◆ Flow control with high accuracy ensures optimum therapeutic effect.
- ◆ Be compatible with most standard IV Sets.
- ◆ New IV set provided by user can be calibrated by suppliers, and infusion parameters can be input into the pump, which ensures accuracy.
- ◆ 2.8" TFT-LCD.
- ◆ Operate with keys.
- ◆ Residual infusion time can be displayed during infusing.
- ◆ With reminder function for starting infusion.
- ◆ Alarm for occlusion, air bubble, door open and motor failure, etc.
- ◆ Threshold for pressure alarm can be adjusted by medical personnel.
- ◆ Accompanying IV-set clamp prevents liquid flowing freely when the pump door opens accidentally.
- ◆ A.B.S—ANTI BOLUS system prevents instantaneous high-dose injection from the sudden obstruction disappearing.
- ◆ Stop infusing automatically during alarm(except for "NEAREND", "KVO", and "LOW BATTERY" alarms).
- ◆ Power supply: AC/DC and built-in lithium battery.
- ◆ Infusion parameters can be saved after power off.

Special safety measures

- ◆ Accompanying IV-set clamp prevents liquid flowing freely when the pump door opens accidentally.
- ◆ Air bubble detector with high accuracy prevents air bubbles from entering patient's body.
- ◆ Pressure sensor prevents occlusion for IV set.
- ◆ A.B.S system, when the high-voltage occlusion alarm appears, stop infusing immediately, and eliminate the pressure of the IV set automatically, which prevents instantaneous high-dose injection from the sudden obstruction disappearing.
- ◆ Infusion parameters during infusing are protected against being changed arbitrarily.
- ◆ With password protection function(in system parameter setting and IV set type interface).

Performance

- ◆ Type: volumetric infusion pump
- ◆ Infusion rate: 1~699mL/h, increment: 1mL/h
- ◆ Total volume: 1~9999mL, increment: 1mL
- ◆ Accuracy: $\pm 5\%$ (use the IV set calibrated)
- ◆ Display information: flow rate, total volume, accumulated infusion volume, residual time
- ◆ Safety classification: class I, type BF applied part
- ◆ Waterproof degree: IPX2
- ◆ Working mode: continuous working
- ◆ Alarm functions: near end, KVO state, low battery, no power, pressure failure, door failure, air bubble, door open, occlusion, infusion reminder and motor failure.
- ◆ Air bubble detector: ultrasonic
- ◆ TFT: 2.8"
- ◆ KVO rate: 1mL/h(can not be adjusted)
- ◆ Sensitivity for pressure sensor: 1~3 grades(it can be adjusted by professional medical personnel)
- ◆ Power supply: AC:100~240V, 50/60Hz
Rechargeable Li-polymer battery, 7.4 V/5000mAh

Physical characteristic

- ◆ Dimension: 143.6. mm(L) × 151.8mm(W) × 195.3 mm(H)
- ◆ Weight: 1.9kg

Accessories

- ◆ A power cord
- ◆ A user Manual