

Lightweight, reliable and accurate

The DRE Avanti Plus is a volumetric infusion pump that uses a microcontroller for accurate control of infusion rate and volume.

Features

- » Large LCD color screen, all data synchronized displayed, easy to operate
- » Long-life, accurate control
- » Two integrated ultra-sound bubble sensors, accurate and reliable
- » High quality occlusion detector, accurate and reliable
- » Auto-controlled multiple KVO function, keep vein open efficiently
- » Infusion rate can be displayed by “mL/h” or “drop/min”, flexible
- » 5 type of infusion sets can be applied, diverse and flexible
- » Solid appearance design, easy to clean and sterilize
- » Waterproof level: IPX1
- » 3 setting heat function



Specifications:

- Overall size: 245×180×170(mm) (H×D×W); Weight: 2.4Kg
- Operating environment: Temperature: +5 °C~ +40 °C
- Patient type: Adult, Pediatric and neonatal
- Flow rate setting range: 1mL/h~1300mL/h, minimum step: 1ml/h
- Maximum preset volume range: 1mL~9999 mL
- Maximum accumulated infusion volume display value range: 1mL~9999 mL
- KVO rate:
 - » 1mL/h≤flow rate≤5mL/h, when finish infusion process, the IP300 stop running and comes back to the standby mode.
 - » 5mL/h≤flow rate≤50mL/h, KVO rate is 1mL/h.
 - » 50≤flow rate<300 mL/h, KVO rate is 3mL/h.
 - » 300≤flow rate≤1300 mL/h, KVO rate is 5mL/h.
- Accuracy of the set delivery rate: ±5% over 4 hours with specified infusion sets(users buy it themselves with manufacturer authorized type).
- Bolus rate: 600 mL/h, 700 mL/h, 800 mL/h, 900 mL/h, 1000 mL/h, be selectable if the situation requires.]
- Air sensor sensitivity: ≥0.015mL
- Occlusion detector sensitivity: Adjustable in 5 levels from 0.04Mpa~0.015Mpa±30%
- Heat function modes: 3 options: Auto, On, Off
- Heat temperature on the spring board: 30±5°C
- Display screen: colorful LCD screen
- Alarms: Internal Fault, Low Battery voltage, AC Failure, Door Open, Occlusion, Air in-line, empty, Heat malfunction, Interruption of the AC power supply.
- Power consumption: ≤30VA
- Electrical standard: Class I
- Electrical type: Type BF
- Main power: AC 100-240V, 50Hz/60Hz
- Battery Capability: Ni-MH battery 9.6V. Infusion Pump can run under intermittent rate (25mL/h) longer than 4 hours (at 20°C).

