

Clinical Specialty	Anesthesia & Ventilator
Generic Name	Infusion Pump
Clinical Purpose	Infusion pump used to gradually administer small amounts of fluid (with or without medication) to a patient or for use in chemical and biomedical research. Infusion pumps are also useful for delivering IV medications over several minutes. In the case of a medication which should be slowly pushed in over the course of several minutes, this device saves staff time and reduces errors.

TECHNICAL SPECIFICATIONS

- Operates on any brand of infusion set.
- Automatic control of infusion rate independent of venous or arterial pressure
- Solution container height and solution viscosity.
- Bolus function automatic.
- Air bubble detector.
- Automatic pressure release after occlusion.
- Automatic switchover to keep-vein-open (KVO) rate of 1.0 ml/hr (or previous rate, whichever is less).
- Compatible with commonly available Infusion sets.
- Portable operation from self-contained rechargeable battery with 03 hours or more operation time.
- ON/OFF:
- Light indicates main or battery operation
- Detects a "no flow" situation i.e. empty container

DISPLAY:

- LED/LCD digital display which indicates flow rate
- Infused volume
- Volume to be infused
- Volume balance
- Infusion time
- Remaining time
- Battery capacity
- Occlusion level
- Medication name

INFUSION RATE:

- 0.1-999.9 ml/hr in 1 ml increments

INFUSION TIME:

- 99 to 95 hours

AUTOMATIC RATE CALCULATION:

- On total volume + time

VOLUME LIMIT SELECTION:

- From 1 -999 ml
- Accuracy of above parameters +/- 5%

KVO RATE:

- 1- 3.0ml/hr

AUDIBLE AND VISUAL ALARMS:

- Activated by: Empty Container
- Occlusion
- Low Battery
- Open Door
- Air-in-Line
- Internal Malfunction
- End of infusion.

BATTERY:

- Rechargeable maintenance free dry batteries with 3 hours or more operation when fully charged.

SAFETY FEATURES:

- Door locks while functioning

ACCESSORIES:

OPTIONAL:

APPROVED PVMS