

Hospira Lifecare PCA Infusion Pump



Features

The **Hospira Lifecare PCA** was designed to help prevent medication error, with its a new feature of an integrated bar code reader. This allows the medical provider a way to verify the drugs and levels of infusion needed for each patient. The **Hospira Lifecare** also comes with a drug library that is integrated through the barcoding system in the Hospira MedNet software.

- Hospira MedNet Software with customizable drug libraries
- Integral bar code reader for medication identification of prefilled and custom-filled vials with pharmacy-generated bar codes
- Multiple medication rule sets for as many as 18 clinical care areas
- Bar-coded, prefilled medication vials
- Stored protocols for quick, accurate programming of standing orders
- Easy-to-use design based on human factors research

Specifications

Dimensions

- Height: 13 in
- Width: 8 in
- Depth: 6 in
- Weight: 10 lbs with battery

Electrical

- Power Requirements: 100-240 V, 50 - 60 Hz, 50 W
- Power Cord: Hospital-grade AC cord. 10 feet (3 meters) with transparent plug and retainer plate
- Fuses: 0.5 A, 250 V, Slo-Blo
- Battery: One sealed lead acid, rechargeable 8 V battery, internal to the device
- Battery Operation: A fully charged conditioned battery shall provide at least 3 hours of continuous operation from the start of delivery at 5 mL/hr to dead battery. Operation time is measured from initial pumping to the LOW BATTERY alarm.
- Recharge: The battery charges whenever the infusion pump is connected to AC power. After a LOW BATTERY alarm, the battery will recharge to 80% of full capacity within 16 hours.
- Self-Discharge: A fully charged battery will retain a minimum 20% of the initial charge for six months when the infusion pump is not connected to AC power or is not operating, and is stored at 20° C.

Environment

- Operating: 41° to 104° F (5° to 40° C) 10% to 90% relative humidity
- Transporting and Storage: -4° to 140° F (-20° to 60° C) 10% to 90% relative humidity
- Atmospheric Pressure: 0 - 10,000 feet (0 - 3000 meters) or equivalent atmospheric pressure
- Relative Humidity: 10 - 90% non-condensing up to 104° F (40° C); maximum of 15% non-condensing above 104° F (40° C)

Occlusion Alarm and Limits

- Backpressure Range: 10 to 20 psi

Modes

- PCA Only: Approximately 1 mL in 35 seconds
- Continuous Only: Variable from 0.1 x concentration to 20 x concentration (mg/hr or mcg/hr)
- PCA + Continuous: Variable from 0.1 x concentration to 20 x concentration (mg/hr or mcg/hr)
- Lockout Interval Range: 5 to 120 minutes in one minute increments

Promote Safe Delivery

- Integrated bar code reader confirms drug and concentration
- Pre-filled, bar-coded medication vials with colored labels or custom-filled vials with pharmacy-generated bar codes
- Confirmation screens to add an extra level of safety

Enhance Workflow Efficiency

- Robust wireless capabilities enable remote drug library updates
- Easy-to-read key pad
- Dedicated device and unique design – the LifeCare PCA is intentionally designed to stand out from general infusion devices to help reduce the risk of user confusion and line mix-ups

Secure Delivery

- Key driven locking system adds security on several levels
- Pole clamp locks to IV pole
- Medication door lock
- Programming lock-out