Infusion Pumps

BD CAREFUSION ALARIS 8015 PCU

ABOUT

The **CareFusion Alaris 8015 PC Unit** is the core of the Alaris System. It provides a common user interface for programming **infusions** and monitoring, which helps to reduce complexity at the point of care. The display on the Alaris PC Unit uses color to clearly communicate critical programming, infusion, monitoring, and hospital-defined policy information. The Alaris PC utilizes a wireless network card that provides wireless communication capability between the Alaris System and the Alaris Systems Manager.

FEATURES

- **Wireless connectivity,** enabling seamless integration with hospital networks and improved workflow efficiency.

- **Powerful analytics,** offering detailed insights into infusion data and system performance for better decision-making.

- **Exceptional versatility,** allowing compatibility with a wide range of modules for various medical needs.

- **Increased protection for IV safety,** providing enhanced safeguards to ensure patient safety during infusions.

- **The central module of the Alaris medley system,** allows other modules to connect to it. It has a color screen, wireless capabilities, and is user-friendly.

SPECIFICATIONS

DIMENSIONS

Height: 8.8 In (22.4 cm)

Width: 6.9 In (17.5 cm)

Depth: 9 In (22.9 cm)

Weight: 7.2 lb (3.2 kg)

BATTERY

Battery run time is a function of the number of modules attached and module activity. With a new, fully charged battery, the system operates as follows before a "BATTERY DISCHARGED" message occurs:

6 Hours: with one Pump module infusing at 25 mL/h

6 Hours: with one Pump module infusing at 25 mL/h and one Auto-ID module

3 Hours: with four Pump modules infusing at 25 mL/h

3 Hours: with four Pump modules infusing at 25 mL/h and one Auto-ID module

4.5 Hours: with one active SpO2 module

6 Hours: with one Syringe module or PCA module infusing at 5 mL/h

3 Hours: with four Syringe modules, or one PCA module and three Syringe modules, infusing at 5 mL/h

4 Hours: with one active EtCO2 module

COMMUNICATION DATA PORT

RS-232 with an RJ45 connector

IV SAFETY

Guardrails Suite MX software is the **most comprehensive safety software available**

The wirelessly enabled software is available on every device

Provides the right protection for every infusion by double-checking dose and duration, as well as delivery rate, protecting critical infusions like chemotherapy

ANALYTICS

Guardrails software allows you to convert data into meaningful information, so you can quickly identify opportunities for clinical and operational improvement

With Guardrails CQI Reporter, you have the tools to spot subtle trends, measure the effectiveness of your IV formularies and best practices, and continuously optimize patient care.

MEMORY

The System configuration/data set is stored in compact flash memory along with operating software.

The events and error logs are stored in the onboard flash memory in the Alaris PC unit and modules. This is a nonvolatile memory and can be held indefinitely or until replaced with new data and not lost when power is turned off or the battery is in a weak/discharged state.

Module-specific parameters are stored for 8 hours

SPECIFICATIONS

when the system is turned off. After 8 hours of continuous off-time, or if a module is detached, module-specific trend data (if applicable) and module-specific operating parameters are automatically purged. If a PCA, SpO2, or EtCO2 module is detached and replaced with another PCA, SpO2, or EtCO2 module, its module-specific trend data is purged.

Memory will not be lost due to a weak/discharged battery as data is stored on flash memory as noted.

Compact flash memory: Stores application software, audio wave files, DataSet, and hex files data for operating system software, all needed to operate the Alaris PC Unit System.

On-board flash memory: Contains software needed to initially turn on the Alaris 8105 System. Stores boot software applications, and events, errors, and

battery logs.