

Features

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- A Philips IntelliVue MX800 patient monitor is shown. The screen displays various vital signs and waveforms. At the top, it shows 'IntelliVue' and 'MX800'. The main display area is divided into sections for ECG, SpO2, Respiration, and Temperature. The ECG section shows a green waveform and a heart rate of 120. The SpO2 section shows a blue waveform and a saturation of 98. The Respiration section shows a green waveform and a rate of 12. The Temperature section shows a red waveform and a temperature of 38.1. Other vital signs displayed include 97, 60, 40, 24, and 33. The Philips logo is visible at the bottom of the screen. The monitor is white and has a black bezel around the screen.

Specifications

Dimensions

Weight: 12.6lbs

(W x H x D^b): 12.9" x 11.3" x 7.2" (327mm x 288mm x 182mm)

Display

The monitor has a color 19" LCD TFT display with a wide viewing angle, providing high resolution waveform and data presentation. The MX800 integrates the display and the processing unit into one device. One external slave display can be connected to a built-in DVI-I port.

A second independent display can be connected via the optional Independent Display Interface, the iPC or the IntelliVue XDS. Multiple display resolutions including widescreen formats are supported on the Independent Display Interface and the iPC as well as on the XDS display.

Modularity

The monitor's functionality can be extended by connecting Philips plugin modules, the multi-measurement module (MMS) family with extensions, and anesthetic gas modules with plug-and-play convenience. The monitors are available as standalone or networked solutions. The monitors' modular design allows new capabilities to be added in the future as monitoring requirements change. This upgradability gives the security of knowing that the monitor can be enhanced and updated as practices and technologies advance, protecting long-term investments.

Integrated PC (iPC)

The iPC is a fan-less, medical grade PC residing within the MX800 and as such designed for continuous operation in the patient vicinity. The iPC uses MS Windows 7 (or XP) as operating system and can host respective applications. These applications can either be:

- Windows applications, such as Internet Explorer,
- Philips applications such as iSite clients or an application launch pad,
- Third party applications or
- Hospital owned and developed software.

The iPC is designed as an "open" PC and such can be serviced and maintained by the hospital's IT department as well as by Philips. A separate isolated LAN interface allows access to the hospital's backbone independent of the MX800.

The iPC can safely share the main display with the MX800 (single display setup) and/or be used with a standard or a medical grade display (dual display setup), either provided by Philips or another manufacturer. The iPC supports displays with or without touch operation. The iPC has five USB 2.0 ports supporting High-Speed mode for computer peripherals such as keyboard, mouse, barcode reader, touch display etc.

