Refurbished
Hewlett Packard Merlin
Multi-Parameter Monitor

The Hewlett Packard Merlin is a modular patient monitor with networking and data management capabilities. The HP Merlin can be configured to measure ECG, Respiration, NIBP, Invasive Blood Pressure, SpO2, Cardiac Output, Temperature, End Tidal CO2, or recorder (printer).

The 14-inch display screens can be either monochrome or color and can show up to 8 waveforms simultaneously. "Merlin" refers to both models 1175A and 1176A. These monitors are available refurbished from DRE.

PRODUCT FEATURES

- Multi-Parameter Monitor
- 14 Display
- Up To 8 Simultaneous Waveforms
- Professionally Refurbished
- Networkable
- Modular
- Printer / Recorder

MEASURES:

- ECG
- Respiration
- NIBP
- Invasive Blood Pressure
- Sp02
- Cardiac Output
- End Tidal CO2
- Temperature

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Physical Overview

The system can be physically disassembled to leave various major components. The major components are:

Computer Module: This includes the outer cover, backplane, dc-dc converter, and all the associated function cards. This may also have an integral plug-in module rack.

Main Computer Display: 14-inch monochrome or color monitor with the power supply for the system, an integral keypad and an optional remote keypad.

Remote Display: This can be a 14-inch monochrome or color monitor, or a larger color monitor.

Plug-in Modules: These are the modules used for acquiring the patient parameters (Parameter Module) and displaying data from external devices (Vuelink Module). A recorder module is also available to provide documentation of a patient's vital signs and wave data. These are all located in the module racks.

Module Racks: Up to four module racks may be used with a single rack interfaced card. One rack may be integral, located on the front of the Computer Module, and the satellite racks can be placed some way from the poles. Each module rack can hold up to either 6 (M1276A Satellite Rack) or 8 (M1041A Satellite Rack) single-width plug-in modules.

Computer Module Size & Weight

Size (HxWxD): 156mm (inc feet) x 370mm x451mm (491 mm with plug-in modules fitted). (5.2" x14.6" x 17.8" x 19.3")

Weight: 11.5kg (25.4lbs) with blank front panel. 12kg (26.5lbs) with integral rack fitted but no plug-in modules.

Monitor Sizes & Weights

M1092A Monochrome
Size: (HxWxD)   342mm   x   370mm   x   451mm (13.5"x14.6"x17.8")
Weight: 12kg (26lbs)

M1094A Color Display
Size: (HxWxD)   342mm   x   370mm   x   451mm (13.5"x14.6"x17.8")
Weight: 19kg (42lbs)

M1094B Color Display
Size: (HxWxD)   342mm   x   370mm   x   451mm (13.5"x14.6"x17.8")
Weight: 19.5kg (43lbs)

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