



The **Philips IntelliVue MX40** is a lightweight patient monitor. The IntelliVue MX40 is a compact monitor that can be worn by patients. This allows the patient to be able to move freely while still continuously monitoring them. The Patient monitor can provide readings of a variety of parameters including; EKG, HR, SpO₂, pulse, ST, QT, Respiration, and blood pressure. The Philips system runs on AA batteries or a single rechargeable Philips battery. The system can transmit the reading wirelessly to an information center at your medical facility. The durability of the monitor makes it easy to clean and disinfect after each use.

Features

- Easy for clinicians to use and comfortable for patients to wear.
- 2.8" color, touchscreen display.
- Smart, multi-measurement cable system available for use with reusable and single-patient-use supplies.
- FAST SpO₂ (Continuous, automatic, or manual measurement)
- Standard, EASI, or Hexad ECG lead system selection.
- Communication with IntelliVue Patient Monitors and Cableless Measurements via short-range radio connection.
- Powered by three AA batteries or rechargeable lithium-ion battery pack.



Specifications

Dimensions

Height: 4.99" (12.7 cm)
Width: 2.75" (7 cm)
Depth: 1.24" (3.2 cm)
Weight (Without Batteries): 8.5 oz (240 g)

Battery

Lithium-ion battery pack or 3 AA batteries
Charge Time: 6.5 Hours (Lithium-ion battery)

Display

Type: 2.8" QVGA Color LCD
View Area: 1.7" x 2.3" (4.3 cm x 5.8cm)
Resolution: 240 x 320
Backlit: White LED

Environmental

Temperature
 Operating: 23 to 99°F (0 to 37°C)
 Storage: -22 to 122°F (-30 to 35°C) without batteries

Humidity
 Operating: < 95% RH at 98.6°F (37°C)
 Storage: < 90% RH at 122°F (50°C)

Altitude
 Operating & Non-operating: 9,842 ft (3,000 m)
 Barometric Pressure: 537 mmHg (72 kPa)

ECG

Lead Wires: 3, 5 or 6-wire patient cable compatible with IntelliVue Patient Monitor, AAMI/IEC color codes

Resolution: 5µV

ECG Input: Differential, defibrillator protected against 360 joules discharge into a 100 ohm load

Input Impedance: > 5 meohms (@ 10 Hz)

Input Dynamic Range: +/- 9 mV

DC Offset Range: +/- 320 mV

CMRR: ≥ 90 dB @ 50, 60 Hz

FAST SpO2

Measurement Range: 0 to 100%

Resolution: 1%

Pleth Wave Sampling Rate: 125 sps

Wavelength Range: 500 to 1,000 nm

Pulse Rate Measurement: 30 to 300 bpm

Emitted Light Energy: ≤ 15 mW

