



The **Philips IntelliVue MX450** is a patient monitor that is designed to fit a variety of needs. The MX450 comes with a 12 inch color touch screen and an easy to use interface. The Display screen has a sensor that can automatically adjust the lighting on the display screen, to maintain readability in any lighting situation. The design of the Philips IntelliVue monitor makes the MX450 a compact easy to carry design that can be both a bedside monitor, and for intra-hospital transport. The MX450 Modules. Some of these modules includes; anesthesia, intensive, cardiac, neonatal, and general care units. At the same time, the MX450 can easily be connected to an EMR system and share the patient's data across other devices or even a central data station in your medical facility.

## Features

- Patient data management with tabular and high-resolution trends.
- Drug, ventilation, hemodynamic, and oxygenation calculations.
- Easy-to-read, easy-to-use touch screen.
- Simple menu hierarchy for fast access to all basic monitoring tasks.
- Capable of functioning in a wireless infrastructure.
- Adjustable screen layouts.
- Built-in recorder.



## Specifications

### Dimensions

**Height:** 11.34" (28.8 cm)  
**Width:** 12.87" (32.7 cm)  
**Depth:** 7.17" (18.2 cm)  
**Weight:** 12.9 lbs (5.9 kg)

### Battery

**Operating Time:** ~ 3-4 hours depending on monitoring configuration  
**Charge Time:** 3 hours when monitor is off. 5 hours when monitor is in use.

### Wave Speeds

**Available for Standard Waves:** 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s with  $\pm 5\%$  accuracy (guaranteed only for integrated displays)  
**Available for EEG and BIS Waves:** 6.25 mm/s, 12.5 mm/s, 15 mm/s, 25 mm/s, 30 mm/s, 50 mm/s with  $\pm 5\%$  accuracy (guaranteed only for integrated displays)

### High Res Trend Waves

**Measurements Available:** HR, SpO<sub>2</sub>, Resp, tcpO<sub>2</sub>, Pulse, Perf, tcpCO<sub>2</sub>, CO<sub>2</sub>, ABP, PAP, CVP, ICP, CPP, BIS, CCO, AWP, Anesthetic Agents, Delta SpO<sub>2</sub>, inO<sub>2</sub>  
**Resolution:** Measurement samples are taken at a resolution of four samples per second  
**Update Speed:** Waves are drawn at a speed of 3 cm/minute

### Display (12" WXGA)

**Type:** 310 mm active matrix color LCD (TFT)  
**Resolution:** 1280 x 800 (WXGA 16:10)  
**Refresh Frequency:** 59.9 Hz  
**Useful Screen:** 261.1 mm x 163.2 mm  
**Pixel Size:** 0.204 mm x 0.204 mm

### Power

**Power Consumption:** <70 W average  
**Line Voltage:** 100 to 240 V  
**Current:** 1.2 to 0.5 A  
**Frequency:** 50/60 Hz

### Trends

**Resolution:** 4h@12s, 24h@1min, 48h@5min for 50 numerics

### Events

**Capacity:** 25 or 50 events for either 8 or 24 hours  
**Episode Data:** Configurable, either: 4 minutes of high resolution trend or 20 minutes of numerics trend @ 12 sec. resolution or 15 seconds of 4 waves @ 125 samples/sec. (Snapshot) including all current numerics, alarms and inops

