



The **Philips Expression MR400** is an advance patient monitor. The Expression MR400 is more than just a patient monitor it offers vital sign monitoring in a dynamic magnetic resonance environment. This is done by combining wireless communication and radio frequencies. The monitor uses switchable ECG filters in a variety of sequences to allow the system to monitor the patient without any artifacts or electromagnetic field disturbances. The Philips patient monitor features a 15-inch touchscreen monitor and can provide monitoring for adult, pediatric and neonatal patients.

## Features

- 15" LED widescreen display.
- Intuitive touchscreen graphical user interface.
- Bedside-quality "SINC" parameters.
- Exclusive, advanced ECG solution for MRI.
- 8-hour battery life.
- Multi-priority visual and audible alarm signals.



# Specifications

## Dimensions

### Height

Cart: 50.1" (127.3 cm)  
Wireless ECG Module: 7.12" (18.2 cm)  
Wireless SpO2 Module: 5.13" (13 cm)

### Width

Cart: 18.7" (47.5 cm)  
Wireless ECG Module: 2.65" (6.7 cm)  
Wireless SpO2 Module: 2.55" (6.5 cm)

### Depth

Cart: 22" (6.5 cm)  
Wireless ECG Module: 1.24" (3.1 cm)  
Wireless SpO2 Module: 1.24" (3.1 cm)

### Weight

Cart: 103.3 lbs (46.9 kg)  
Wireless ECG Module: 12 ounces (340 g)  
Wireless SpO2 Module: 7.2 ounces (204 g)

## Display

**Type:** Color LCD Touch Screen, a-Si TFT active matrix

**Size:** 15.6" Diagonal

**Pixels:** 1366 x 768

**Tilt:** Adjustable 5° to 35°

**Sweep Speeds:** Sweep speeds for ECG, SpO2, and IBP: 25 mm/second gives 9.2 seconds of display time, while 50 mm/second gives 4.6 seconds. Sweep speeds for respiration: 0.33, 1.56, 3.13, 6.25, 12.5 or 25 mm/second are provided

## System Parameters

Electrocardiogram (ECG), dual channel

Blood oxygen saturation/pulse oximetry (SpO2)

Invasive blood pressure (IBP)

Non-invasive blood pressure (NIBP)

End-tidal and inspired CO2

Respiration from CO2 or bellows

Anesthetic Agents, including end-tidal and inspired N2O, inspired O2, and Total MAC

Temperature

## MRI Rating

### MR Conditional

4W/kg SAR  
7.2µT B1rms  
5,000 gauss  
3.0T

