

PHILIPS EXPRESSION MR400



ABOUT

The **Philips Expression MR400** is an advanced **patient monitor** designed for use in magnetic resonance environments, going beyond standard monitoring capabilities. It features wireless communication and radio frequency technology to ensure exceptional patient care. This monitor includes switchable ECG filters that function across various sequences, allowing artifact-free monitoring without electromagnetic interference. Additionally, the Expression MR400 comes with a 15-inch touchscreen and supports monitoring for adult, pediatric, and neonatal patients, providing versatility across different patient types.



FEATURES

15" LED widescreen display for clear, high-quality visuals.

Intuitive touchscreen graphical user interface for seamless operation.

Bedside-quality "SINC" parameters providing precise monitoring.

Exclusive, advanced ECG solution for MRI with switchable filters to minimize interference.

8-hour battery life for extended monitoring capabilities.

Multi-priority visual and audible alarm signals to alert staff of changes in patient status.



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 DIMENSIONS

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