



The **Mindray Passport 12m** is a clinically advanced and highly configurable monitor. The Passport 12m offers a broad range of patient monitoring features well-suited for the mid to high acuity patient care and operating room environments. It has a 12.1" color touchscreen display with optimal visibility, and quick access menus. It also offers multiple trend capabilities.

Features

- 12.1" high-resolution touchscreen display.
- Familiar intuitive interface across Passport family.
- Customizable screen views and quick keys for diverse patient and clinical settings.
- Robust measurement set for intermediate to critical care environments.
- Supports T1 Transport Monitor/Module as a multi-parameter module.
- Extensive data storage capability for trend data, alarms, events, and 48 hours of full disclosure.



Specifications

Dimensions

Height: 11.7 in (29.7 cm)
Width: 13.2 in (33.6 cm)
Depth: 7.4 in (18.7 cm)
Weight: 16.5 lbs (7.5 kg) (Without modules, batteries, accessories, and recorder)

Display

Type: Color TFT Display
Size (Diagonal): 12 in (30.5 cm)
Resolution: 800 x 600

Battery

Type: Rechargeable Lithium-ion
Voltage: 11.1 VDC
Capacity: 4500 mAh
Run Time (Average): About 330 minutes when powered by two new fully-charged batteries
Charge Time: Less than 6 hours to 100%

ECG

Lead Set: 3, 5, and 12-lead
Sweep Speed: 6.25 mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s
Mindray Resolution: 1 bpm
Mindray Accuracy: ± 1 bpm or $\pm 1\%$, whichever is greater

Resp

Technique: Trans-thoracic impedance
Lead: Options are lead I and II
Measurement Range: Adult: 0 to 120 rpm; Pediatric/Neonate: 0 to 150 rpm
Resolution: 1 rpm
Accuracy: 7 to 150: ± 2 rpm or $\pm 2\%$, whichever is greater

Masimo SpO2

Measurement Range: 1 to 100%
Resolution: 1%
Response Time: ≤ 20 s (PR 75 bpm, average time 8 s, SpO2 value rises from 60% to 95%)
Refreshing Rate: ≤ 2 s
SpO2 Averaging Time: 2-4 s, 4-6 s, 8 s, 10 s, 12 s, 14 s, 16 s
Accuracy: 70 to 100%: $\pm 2-3\%$



Specifications

Nellcor SpO2

Measurement Range: 1 to 100%

Resolution: 1%

Response Time: ≤ 30 s (PI > 0.3, no disturbance, SpO2 value sudden change within 70% - 100%)

Refreshing Rate: ≤ 2 s

Accuracy: 70 to 100%: $\pm 2-3\%$

NIBP

Technique: Oscillometry

Mode of Operation: Manual, Auto and STAT

Heart Rate Range: 40 to 240 bpm

Resolution: 1 mmHg

Accuracy: Max mean error ± 5 mmHg

Temp

Technique: Thermal resistance

Operating Mode: Direct mode

Measurement Range: 32 to 122°F (0 to 50 °C)

Resolution: 0.1 °C

Accuracy: ± 0.1 °C or ± 0.2 °F (without probe)

IBP

Measurement Range: -50 to 300 mmHg

Resolution: 1 mmHg

Accuracy: $\pm 2\%$ or ± 1 mmHg, whichever is greater (without sensor)

