

MASIMO RAD-57

ABOUT

The **Masimo Rad-57** handheld pulse co-oximeter is a noninvasive device used to monitor arterial oxygen saturation and pulse rate. It is equipped with a multicolored LED display that shows continuous numeric values for SpO2, perfusion index (PI), and pulse rate (PR). Additionally, the Rad-57 includes features such as a Low Signal IQ Indicator (Low SIQ), alarm status, alarm silence option, and battery life indicator.

FEATURES

- Stay connected with continuous monitoring in sleek handheld device
- Easy, quick, and user-friendly
- Designed to be durable yet lightweight, perfect for fieldwork and hospital environments
- Keep track effortlessly with the Low Signal I.Q. (SIQ) indicator for confident measurements
- Trend your data with up to 72 hours of memory storage for comprehensive analysis and insights
- 10 hours of continuous use with 4 AA alkaline batteries.
- Individual Alarms for SpO2, PR, SpCO and SpMet PVI



SPECIFICATIONS

DIMENSIONS

- **Height:** 6.2 in (15.75 cm)
- **Width:** 3 in (7.62 cm)
- **Depth:** 1.4 in (3.55 cm)
- **Weight:** 13 oz (0.37 kg)

BATTERY

- **Power requirements:** Battery-operated
- **Type:** 4 AA Alkaline
- **Capacity:** up to 10 hours

AGE GROUP

- Adult, Infant, Pediatric & Neonate

MEASUREMENT RANGE

- **SpO₂:** 0 - 100%
- **SpMet:** 0 - 99.9%
- **SpCO:** 0 - 99%
- **Pulse Rate:** 25 - 240 (bpm)
- **Perfusion Index:** 0.02% - 20%
- **Pleth Variability Index (PVI*):** 0 - 100%

ENVIRONMENTAL

- **Operating Temperature:** 0°F to 129°F (-18°C to 54°C)
- **Transportation/Storage Temperature:** -40°F to 158°F (-40°C to +70°C)
- **Operating Humidity:** 5% to 95%, non-condensing
- **Operating Altitude:** 500 mbar to 1060 mbar pressure, -1000 ft to 18,000 ft (-304 m to 5,486 m)
- **Operating Temperature:** 0°F to 129°F (-18°C to 54°C)

COMPLIANCE

- **EMC Compliance:** EN60601-1-2, Class B
- **Equipment Classification:** IEC 60601-1
- **Type of Protection:** Internally powered (on battery power)
- **Degree of Protection-Patient Cable:** Type BF-Applied Part
- **Mode of Operation:** Continuous