MASIMO

Rad-57™

The world’s most versatile handheld oximeter, featuring fully upgradable rainbow technology

Get gold-standard Masimo SET® oxygen saturation, pulse rate, and perfusion index now—and upgrade later to total hemoglobin, oxygen content, carboxyhemoglobin, methemoglobin, and PVI
Reusable Sensor Options

- Rainbow® reusable sensors available in 3 ft., 8 ft., and 12 ft. cable lengths.
- Red reusable sensors available in 3 ft. and 12 ft. cable lengths.
- Masimo Rad-57 can also be used with Masimo LNCS® and LNCS® adhesive sensors.
- Rainbow sensors must be used when reading SpHb, SpCO, and SpMet. Red sensors can be used for SpO₂, PR, and PI only.

Rad-57 comes standard with Oxygen Saturation (SpO₂), Pulse Rate, and Perfusion Index | PN9188

Performance

| Measurement Range | | | |
|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| SpO₂ | 0% - 100% | |
| SpCO | 0% - 99% | |
| SpHb | 0 - 25 g/dL | |
| SpOC | 0 - 35 mL of O₂/dL of blood | |
| SpMet | 0% - 99.9% | |
| Pulse Rate | 25 - 240 (bpm) | |
| Perfusion Index | 0.02% - 20% | |

Arterial Oxygen Saturation Accuracy

- Saturation: 60% to 80%
- No Motion: ±3%
- Saturation: 70% to 100%
- No Motion: ±2%
- Neonate: ±3%
- Motion: ±3%
- Adults, Infants, Pediatrics, Neonate: ±3%
- Low Perfusion: ±3%
- Adults, Infants, Pediatrics, Neonate: ±3%
- Oxygen Saturation: ±3% | SpO₂ | 8 - 17 g/dL | ±1 g/dL | Carboxyhemoglobin Saturation Accuracy (%SpCO) | SpCO | 1% - 40% | ±3% |
- Methemoglobin Saturation Accuracy (%SpMet) | SpMet | 1% - 15% | ±1% |
- Pulse Rate Accuracy | Pulse Rate | 25 - 240 bpm | ±3 bpm |
- No Motion: ±3 bpm |
- Adults, Infants, Pediatrics, Neonate: ±3 bpm |
- Low Perfusion: ±3 bpm |
- Adults, Infants, Pediatrics, Neonate: ±3 bpm |
- Oxygen Saturation Accuracy (%SpO₂) | 1% | |
- Pulse Rate (bpm) | 1 bpm | |
- Carboxyhemoglobin Saturation (%SpCO) | Numeric Display | 1% | |
- Total Hemoglobin Saturation (%SpHb) | Numeric Display | 0.1 g/dL | |
- Methemoglobin Saturation (%SpMet) | Numeric Display | 0.1% | |

Specifications

- Batteries: 4 AA Alkaline (up to 10 hours)
- Environmental: Operating Temperature 0°F to 129°F (-18°C to 54°C)
- 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 (30-498m)
- Effective battery life will be reduced when operating the instrument below 5 degrees Fahrenheit due to alkaline battery technology.

Dimensions

- Handheld: 6.2” x 3.0” x 1.4” (15.8 cm x 7.6 cm x 3.6 cm)
- Weight: 13 oz (37 kg)

Trending

- Provides 72 hours of trending at 2-second resolution of SpO₂, SpCO, SpHb, SpMet, Pulse Rate, Perfusion Index, and PVI. Output to PC running Masimo TrendCom™ Utility.

Distributed by:

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Masimo
Closer to the Heart