# Radical-7® Pulse CO-Oximeter®

Featuring Masimo rainbow SET™ Pulse CO-Oximetry in a Versatile, Upgradeable Monitor




SpO2 Oxygen Saturation†

PR Pulse Rate†

Pi Perfusion Index

PVi® Pleth Variability Index

SpHb® Total Hemoglobin

SpCO® Carboxyhemoglobin

SpMet® Methemoglobin

SpOC™ Oxygen Content

RRa® Acoustic Respiration Rate

## Adaptable to Changing Monitoring Needs

3-in-1 device for use as a bedside, handheld, or transport monitor







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# Features

**Rechargeable Battery**

- 4-hour battery life for extended monitoring as a handheld device

**Connectivity Options**

- Integrated wireless connectivity with 802.11 radio & Bluetooth®

**Intuitive User Interface**

- Easily navigate and configure settings using the high-definition, multi-touch display




**Electronic Charting**

- Automated documentation of patient data using Masimo Patient SafetyNet™* or Iris Gateway™ to interface with hospital EMR system

**Plethysmographic Waveform**

- High-resolution plethysmographic waveform and optional RRa waveform provide real-time visibility

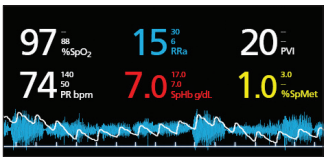
**Automatic Display Rotation**

- Versatile screen automatically adjusts to device orientation



**Seamless Upgrade to Root®**

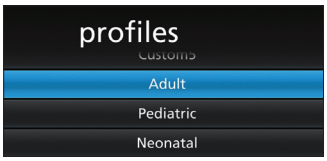
- Docking capability on Root patient monitoring and connectivity platform




**Customize the display** to view the highest priority parameters for your clinical setting




Use simple gestures to move, expand, or collapse **parameter trends** for deeper analysis




Configure parameter and alarm settings by patient population, with the option to select from pre-configured **Patient Profiles**




Audible and visual **Alarms** for quick identification of alarming parameters, with redundant speaker system

# Radical-7 Specifications

| | |
|---|---|
| **BATTERIES HANDHELD** | |
| Type | Lithium-Ion |
| Capacity (battery life) | 4 hours[1] |
| Charging Time | 3 hours |
| **ENVIRONMENTAL** | |
| Operating Temperature | 32–122° F (0–50° C) |
| Operating Altitude | 500–1060 mbar pressure |
| **PHYSICAL CHARACTERISTICS** | |
| Dimensions | 8.9″ x 3.5″ x 2.1″ (22.6 cm x 8.9 cm x 5.3 cm) |
| Standalone | 3.5″ x 10.5″ x 7.7″ (8.9 cm x 26.7 cm x 19.6 cm) |
| **WEIGHT** | |
| Handheld | 1.2 lbs (0.54 kg) |
| Docking Station (models RDS-1, 2, and 3) | 2.5 lbs (1.14 kg) |
| Standalone (models RDS-1, 2, and 3) | 3.8 lbs (1.73 kg) |

[1] This represents approximate runtime at the lowest indicator brightness and pulse tone turned off using a fully charged battery. † Masimo SET® Measure-through Motion technology includes SpO2 and PR. * The use of the trademark Patient SafetyNet is under license from University Health System Consortium.

SpHb, SpMet, and SpCO monitoring with Radical-7 are not intended to replace laboratory blood testing and not to be used as the sole basis for making diagnosis or treatment decisions related to carbon monoxide poisoning. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

Masimo