

Radical-7[®] Pulse CO-Oximeter[®]

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



Oxygen Saturation[†]



Pulse Rate[†]



Perfusion Index



Pleth Variability Index



Total Hemoglobin



Carboxyhemoglobin



Methemoglobin



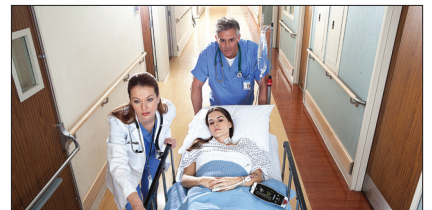
Oxygen Content



Acoustic Respiration Rate

Adaptable to Changing Monitoring Needs

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



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

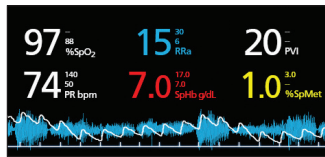
- High-resolution plethysmographic waveform and optional RRA waveform provide real-time visibility

Automatic Display Rotation

- Versatile screen automatically adjusts to device orientation

Seamless Upgrade to Root®

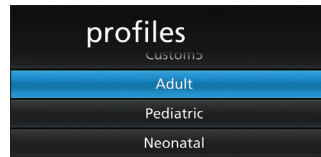
- Docking capability on Root patient monitoring and connectivity platform



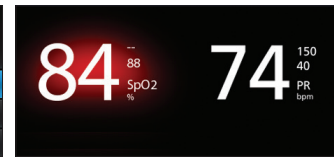
Customize the display to view the highest priority parameters for your clinical setting



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	PHYSICAL CHARACTERISTICS
Type Lithium-Ion	Dimensions 8.9" x 3.5" x 2.1" (22.6 cm x 8.9 cm x 5.3 cm)
Capacity (battery life) 4 hours ¹	Standalone 3.5" x 10.5" x 7.7" (8.9 cm x 26.7 cm x 19.6 cm)
Charging Time 3 hours	
ENVIRONMENTAL	WEIGHT
Operating Temperature 32-122° F (0-50° C)	Handheld 1.2 lbs (0.54 kg)
Operating Altitude 500-1060 mbar pressure	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.

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