Radius-7™
The Power of Masimo’s Breakthrough Measurements in a Patient-worn Monitor

> **Breakthrough measurements**

- Oxygen saturation (SpO2) and pulse rate monitoring with Masimo SET® Measure-through Motion and Low Perfusion™ pulse oximetry for reduced false alarms and increased true alarm detection during challenging conditions1,2

- Respiration rate monitoring with rainbow Acoustic Monitoring™ for increased patient tolerance compared to capnography3

> **Small, lightweight, and wearable for untethered monitoring and ambulation**

- Designed to promote greater patient comfort and independence

- Reduces the need for nurses to disconnect the monitor each time the patient gets out of bed

> **Standard wireless communication**

- Short-range communication to Root® with secured Bluetooth

- Upgradeable to WiFi for direct communication throughout the hospital to the Patient SafetyNet™ remote monitoring system
FLEXIBLE FUNCTIONALITY

- Parameter and waveform views facilitate on-the-spot assessment of patient status
- Configurable display shut-off minimizes patient distraction and supports privacy while ambulating
- Alarms through Root when in range or directly on Radius-7 when out of range
- Two “hot-swappable,” rechargeable modules (one on Radius-7, one charging in Root) minimize monitoring interruption
- 12-hour battery life facilitates just one module exchange per shift
- Single-patient use armband minimizes cross-contamination risk while ensuring patient comfort
- Seamless module pairing with Root to facilitate nursing workflows

Each Radius-7 comes with two rechargeable, “hot-swappable” modules.

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimensions: 5.1" x 2.8" x 1.2" (130 mm x 70 mm x 30 mm)
Weight: 0.34lbs (155g)

INDICATORS

- SpO2, pulse rate, Respiratory Rate (RRa), Pleth Variability Index (PVI®), perfusion index, pleth waveform, RRa waveform, alarm status
- Display Update Rate: 1 second

ALARMS

- Audible alarms sound on Root when connected via Bluetooth. Audible alarms sounds on Radius-7 when not connected to Root via Bluetooth. Visual alarms are displayed on both Radius-7 and Root.

BATTERY MODULE

- Type: Lithium ion
- Capacity (battery life): 12 hours
- Charging Time: ≤ 6 hours

COMMUNICATION

- Radio: Bluetooth
- WiFi: 802.11 A/B/G

Communication Compliance

- USA: FCC ID: VKF-RADIUS
- Model: RADIUS
- FCC parts 15.247
- Canada: IC: 7362A-RADIUS
- IC Model: RADIUS
- RSS-210
- Europe R&TTE Directive: EN 300 328, EN 301 489-17

For complete specifications, including measurements, see Operator’s Manual.


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