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 conditions[1,2]

- Respiration rate monitoring with rainbow Acoustic Monitoring™ for increased patient tolerance compared to capnography[3]

> 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

MASIMO®

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

SpO_2, 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.

EACH RADIUS-7 INCLUDES

2 Battery modules
1 Instrument module
1 Battery charging adapter

BATTERY MODULE

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

COMMUNICATION

Radio . . . . .Bluetooth
WiFi . . . . .802.11 A/B/G[4]

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.

[1] Taenzer A.H. et al. *Anesthesiology.* 2010 Feb;112(2):282-7. [2] Shah N. et al. *J Clin Anesth.* 2012 Aug;24(5):385-91. [3] Patino M et al. *Paediatr Anaesth.* 2013 Dec;23(12):1166-73. [4] Not available in all models.

* The use of the trademarks Patient SafetyNet and PSN is under license from University HealthSystem Consortium.

Caution: Federal law restricts this device to sale by or on the order of a physician.

Masimo U.S.
Tel: 1 877 4 Masimo
info-america@masimo.com

Masimo International
Tel: +41 32 720 1111
info-international@masimo.com

SL1410-1423A-0815