

Radius PPG[®]

Tetherless pulse oximetry powered by Masimo SET[®] measure-through-motion technology for continuous monitoring on the move



Available for all patients, including adults, children, infants, and neonates.

Discover how reliable tetherless monitoring can benefit your practice.

Improved patient comfort and convenience

- > Facilitates untethered movement around the hospital room
- > Allows parents and caregivers to hold infants unencumbered – without the risk of cables tugging on fragile skin

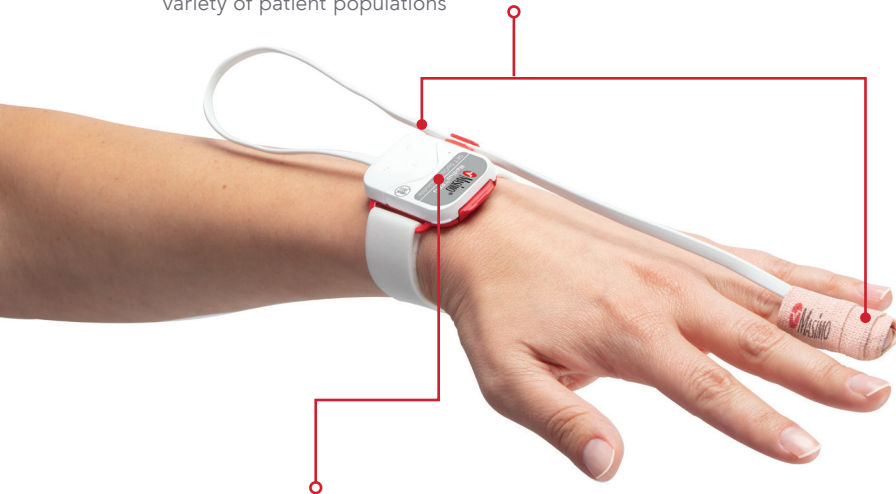
Enhanced clinician workflow and efficiency

- > Reduces the burden of cable management
- > Eliminates the need to disconnect and reconnect each time patient gets out of bed

Radius PPG Enhances Workflow

Radius PPG Single-patient-use Sensor

- > Feather-weight sensor with adjustable wrist strap
- > Four-day battery life
- > Optional replaceable adhesive tapes*
- > Multiple sensor types available to monitor a wide variety of patient populations



Reusable Bluetooth-enabled Chip

- > Near-field Communication (NFC) protocol enables quick Bluetooth pairing and parameter display on host device.
- > Data synchronisation (sync) allows backfill of up to 96 hours of data onto the host device when a patient comes back into Bluetooth range.

Host Device

- > View multiple parameters simultaneously for quick assessment of patient data on a host device
- > Store and download high-fidelity trend data
- > Audible and visual alarms for quick identification of alarming parameter
- > Compatibility: Masimo and partner monitors with Masimo technology boards and software versions MX 7.E.9.4 and higher



Radius PPG (Photoplethysmography) Specifications

ACCURACY	BATTERY LIFE
Radius PPG Adt / Pdt / Inf / Neo (adult)	Battery Life 96 hours with continuous usage
SpO2 Accuracy Range (ARMS) ¹ 70–100%	COMPATIBILITY
No Motion 2%	Compatible Oximeters Devices containing Masimo technology boards and software versions: MX 7.E.9.4 and higher
Motion 3%	ORDERING INFORMATION
Low Perfusion 2%	Radius PPG Adt 4582
Radius PPG Neo (neonatal)	Radius PPG Pdt 4583
SpO2 Accuracy Range (ARMS) ¹ 70–100%	Radius PPG Inf 4584
No Motion 3%	Radius PPG Neo (adult/neonatal) 4585
Motion 3%	Radius PPG Reusable Chip 4586
Low Perfusion 3%	Radius PPG Wireless Receiver
PR Accuracy	M20 4587
No Motion 3 bpm	MD20 4588
Motion 5 bpm	Replacement Tapes
Low Perfusion 3 bpm	Inf 4046
Sensor Weight Range and Application Site	Neo 4674
Radius PPG Adt >30 kg, finger or toe application	PARAMETERS SUPPORTED
Radius PPG Pdt 10–50 kg, finger or toe application	Oxygen Saturation (SpO2)
Radius PPG Inf 3–10 kg, thumb or great toe application	Pulse Rate (PR)
Radius PPG Neo (neonatal) <3 kg, hand or foot application	Perfusion Index (Pi)
Radius PPG Neo (adult) >40 kg, finger or toe application	Pleth Variability Index (PVi [®])
COMMUNICATION	Respiration Rate from the Pleth (RRp [®])
Bluetooth LE Wireless Range 100 feet (~30 meters) line-of-sight	

¹ ARMS accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within ± ARMS of the reference measurements in a controlled study.

* Available with Neo and Inf sensors.

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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