

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

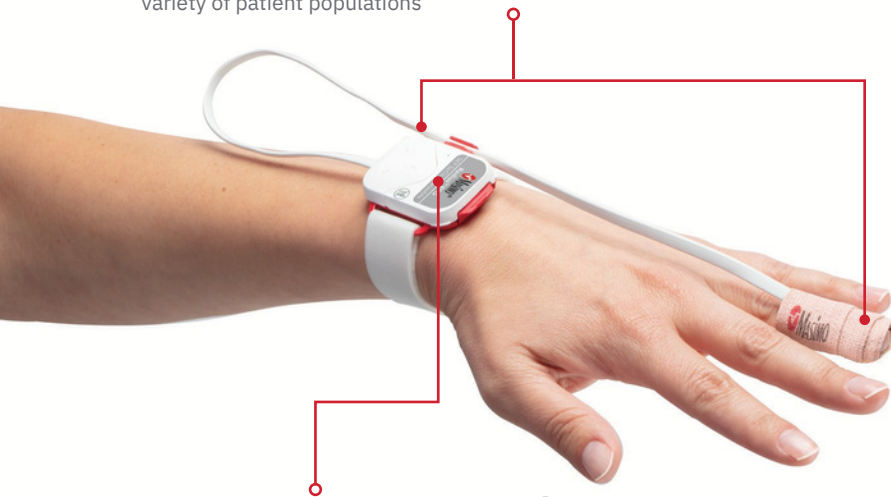
> Eliminates the need to disconnect
and reconnect each time patient
gets out of bed



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) SpO2 Accuracy Range (ARMS) ¹ 70–100% No Motion 2% Motion 3% Low Perfusion 2%	Battery Life 96 hours with continuous usage
Radius PPG Neo (neonatal) SpO2 Accuracy Range (ARMS) ¹ 70–100% No Motion 3% Motion 3% Low Perfusion 3%	COMPATIBILITY Compatible Oximeters Devices containing Masimo technology boards and software versions: MX 7.E.9.4 and higher
PR Accuracy No Motion 3 bpm Motion 5 bpm Low Perfusion 3 bpm	ORDERING INFORMATION Radius PPG Adt 4582 Radius PPG Pdt 4583 Radius PPG Inf 4584 Radius PPG Neo (adult/neonatal) 4585 Radius PPG Reusable Chip 4586 Radius PPG Wireless Receiver M20 4587 MD20 4588 Replacement Tapes Inf 4046 Neo 4674
Sensor Weight Range and Application Site Radius PPG Adt >30 kg, finger or toe application Radius PPG Pdt 10–50 kg, finger or toe application Radius PPG Inf 3–10 kg, thumb or great toe application Radius PPG Neo (neonatal) 10–20 kg, finger or toe application Radius PPG Neo (adult) <3 kg, hand or foot application Radius PPG Neo (adult) >40 kg, finger or toe application	PARAMETERS SUPPORTED Oxygen Saturation (SpO2) Pulse Rate (PR) Perfusion Index (Pi) Pleth Variability Index (PVi*) Respiration Rate from the Pleth (RRp*)
COMMUNICATION Bluetooth LE Wireless Range 100 feet (~30 meters) line-of-sight	

¹ARMS 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.

Request a quote

Sales / customer service
 sales@norsomedical.co.uk (NI)
 sales@norsomedical.ie (ROI)

Website

www.norsomedical.com

Phone Number

Call 9:00 a.m. - 5:00 p.m. Monday - Friday
 02890 343927 (NI)
 01 5314337 (ROI)

