

# Rad-G™ Continuous Pulse Oximeter

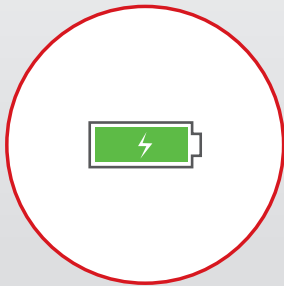
A rugged handheld device powered by clinically proven Masimo SET® pulse oximetry



Strong external casing built to withstand a variety of environments



Light weight and slim profile allow for easy transport and storage



Internal rechargeable battery provides 24 hours of operational use



Hospital-grade Masimo SET® Measure-through Motion and Low Perfusion™ pulse oximetry\*



Display of pleth waveform for additional information to use in patient assessment



Configurable alarms to offer insight into patient status changes that may require intervention

## A Variety of Parameters

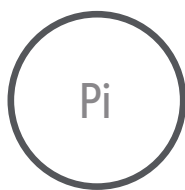
Available with Masimo single-patient-use and reusable sensors, Rad-G continuously monitors:



Oxygen Saturation\*



Pulse Rate\*



Perfusion Index



Pleth Variability Index



Respiration Rate from the Pleth

## Hospital-grade Masimo SET® Pulse Oximetry

### Clinically Proven Technology Used in Leading Hospitals Worldwide

Masimo SET® pulse oximetry is used to monitor more than

**200 million patients**

per year around the world<sup>1</sup>

Masimo SET® is the primary pulse oximetry technology at

**9 of the top 10**

hospitals listed in the 2019-2020 *U.S. News & World Report* Best Hospitals Honor Roll<sup>2</sup>

**Over 100 studies**

have shown that Masimo SET® outperforms other pulse oximetry technologies<sup>3</sup>

## Specifications

| ACCURACY ARMS <sup>4</sup>  | ENVIRONMENTAL  |
|---|--|
| <b>Oxygen Saturation (SpO<sub>2</sub>)</b> ..... 70–100%  | Operating Temperature ..... While battery is charging: <sup>5</sup> 0–40° C (32–104° F)<br>While battery is NOT charging: <sup>6</sup> 0–50° C (32–122° F) |
| No Motion Adults/Paediatrics/Infants ..... .2%  | <b>BATTERY</b>   |
| Motion Adults/Paediatrics/Infants ..... .3%   |  |
| Low Perfusion Adults/Paediatrics/Infants ..... .2%  |  |
| <b>Pulse Rate (PR)</b> ..... 25–240 bpm   | Battery Type ..... Lithium ion   |
| No Motion Adults/Paediatrics/Infants ..... .3 bpm   | Capacity ..... 24 hours <sup>7</sup>   |
| Motion Adults/Paediatrics/Infants ..... .5 bpm  | <b>ORDERING INFORMATION</b>  |
| Low Perfusion Adults/Paediatrics/Infants ..... .3 bpm   |  |
| <b>Respiration Rate (RRp)</b> ..... 4–70 rpm  |  |
| No Motion Adults/Paediatrics (>2 years of age) ..... .3 rpm ARMS <sup>4</sup> ,<br>± 1 rpm mean error | Rad-G Continuous Pulse Oximeter Kit ..... PN 9847  |
|   | Rad-G Reusable Sensor ..... PN 4325  |
|   | Rad-G Reusable YI Sensor ..... PN 4653   |
|   | RD SET Rad-G-5 Patient Cable ..... PN 4773   |
| <b>PHYSICAL CHARACTERISTICS</b>   |  |
| Weight ..... .0.27 kg. (0.59 lbs.)  |  |
| Dimensions ..... 7.4 cm x 19.8 cm x 2.5 cm (2.9" x 7.8" x 1.0")                                       |  |

<sup>1</sup> Estimate: Masimo data on file. <sup>2</sup> <https://health.usnews.com/health-care/best-hospitals/articles/best-hospitals-honor-roll-and-overview> <sup>3</sup> Comparative studies include abstracts presented at scientific meetings and peer-reviewed journals. Clinical studies on pulse oximetry and the benefits of Masimo SET® can be found at <http://www.masimo.com/clinical-evidence> <sup>4</sup> 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. <sup>5</sup> Exceeding this temperature can cause charging to stop. <sup>6</sup> Compliance with IEC 60601-1 surface temperature requirements evaluated at 40°C. <sup>7</sup> This represents approximate run time at the lowest indicator brightness and pulse tone turned off using a fully charged battery. The minimum run time estimate is based on a fully charged battery and the following specific operating modes: SpO<sub>2</sub>-only operation and default value display brightness.

\* Masimo SET® Measure-through Motion and Low Perfusion technology includes SpO<sub>2</sub> and PR.

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

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