A fully-featured pulse oximeter with the accuracy and reliability of Masimo SET, perfect for both continuous monitoring and spot-check applications

- Masimo SET® technology is scientifically and clinically proven to provide accurate pulse oximetry measurements during motion and low perfusion
- Lightweight, convenient handheld device with a long battery life—over 30 hours on 4 AA batteries
- User configurable power up default settings
- Sleep Mode allows clinicians to disable audio tones and LEDs
- Up to 72 hours of trending memory
- Perfusion Index (PI) indicates arterial pulse signal strength and may be used as a diagnostic tool during low perfusion
- Signal I.Q.® (SIQ) bar for signal identification and quality indication during motion and low signal to noise situations
- FastSat® tracks rapid changes in arterial $O_2$ with unmatched fidelity
- SmartTone™ beeps in sync with pulse, even under patient motion conditions
- Sensitivity options: APOD™, Normal, and MAX
- Audible and visual alarms for High/Low Saturation, Pulse Rate, Sensor Off & Low Battery
- Optional protective boot cover with built-in table-top stand
### Masimo Rad-5

**Pulse Oximeter**

### Performance & Ordering Information

#### PERFORMANCE

**Measurement Range**
- **SpO₂**: 1 - 100%
- **Pulse Rate**: 25 - 240 bpm
- **Perfusion**: 0.02% - 20%

#### Saturation Accuracy
- **Saturation**: 70% to 100%
- **No Motion**: ±2 digits
- **Adults, Pediatrics**: ±3 digits
- **Neonates**: ±3 digits

#### Pulse Rate Accuracy
- **Pulse Rate**: 25 - 240 bpm
- **No Motion**: ±3 digits
- **Adults, Pediatrics**: ±3 digits
- **Neonates**: ±3 digits

#### Resolution
- **Saturation (%SpO₂)**: 1%
- **Pulse Rate (bpm)**: 1 bpm

#### PHYSICAL CHARACTERISTICS

**Dimensions**
- **Handheld**: 6.2" x 3.0" x 1.4" (15.8cm x 7.6cm x 3.6cm)

**Weight**
- **Handheld**: 13 oz (0.32kg)

**Trending**
- Provides up to 72 hours of trending at a 2 second resolution.
- Output to PC running Masimo TrendCom™ Utility.

**Modes**
- **Averaging Mode**: 2, 4, 8, 10, 12, 14 or 16 seconds
- **Sensitivity**: APOD, Normal and Maximum

**Alarms**
- Audible and visual alarms for high and low saturation and pulse rate (SpO₂, range 1% - 100%, pulse rate range 25 - 240 bpm)
- Sensor condition, system failure and low battery alarms
- **High Priority**: 799 Hz tone, 5 pulse burst, pulse spacing: 0.250s, 0.500s, 0.750s, 1.000s, repeat time: 10s
- **Low Priority**: 432 Hz tone, 3 pulses, repeat time 5s
- **Alarm Volume**: High Priority: 75 dB (max), Low Priority: 75 dB (max)

**Display/Indicators**
- Data display: % SpO₂, pulse rate, perfusion index, FastSat, alarm status, alarm silenced status, Signal IQ/pleth bar, battery status, MAX

**Compliance**
- **EMC Classification**: IEC 60601-1-2, Class B
- **Equipment Classification**: IEC 60601-1-1 / UL 60601-1
- **Type of Protection**: Internally powered (on battery power)
- **Degree of Protection**: Patient Cable
- **Type BF-Applied Part**: Rad-5 Mode of Operation

### Environmental

- **Operating Temperature**: 32°F to 122°F (0°C to 50°C)
- **Storage Temperature**: -40°F to 158°F (-40°C to 70°C)
- **Operating Humidity**: 5% to 95%, non-condensing
- **Operating Altitude**: 500 mbar to 1060 mbar pressure
- **Dimensions**: -1000 ft to 18,000 ft (-304 m to 5,486 m)

### Electrical

- **Batteries**: 4 AA Alkaline
- **Capacity**: over 30 hours

### Environmental & Ordering Information

Masimo Rad-5
Pulse Oximeter

Equipment for the way you operate