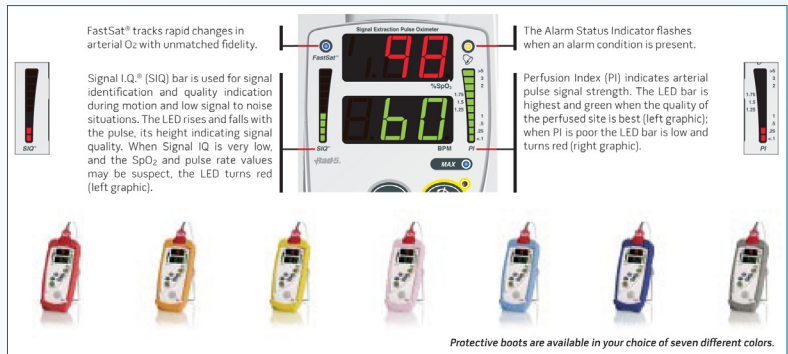


### A fully-featured pulse oximeter with the accuracy and reliability of Masimo SET, perfect for both continuous monitoring and spot-check applications

- » 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<sub>2</sub> 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



# Performance & Ordering Information



**PERFORMANCE**

**Measurement Range**

SpO<sub>2</sub> . . . . . 1 - 100%  
Pulse Rate . . . . . 25 - 240 (bpm)  
Perfusion. . . . . 0.02% - 20%

**Saturation Accuracy**

Saturation . . . . . 70% to 100%  
No Motion  
Adults, Pediatrics. . . . . ±2 digits  
Neonates. . . . . ±3 digits  
Motion  
Adults, Pediatrics. . . . . ±3 digits  
Neonates. . . . . ±3 digits  
Low Perfusion  
Adults, Pediatrics. . . . . ±2 digits  
Neonates. . . . . ±3 digits

**Pulse Rate Accuracy**

Pulse Rate . . . . . 25 - 240 bpm  
No Motion  
Adults, Pediatrics, Neonates. . . . . ±3 digits  
Motion  
Adults, Pediatrics, Neonates. . . . . ±5 digits  
Low Perfusion  
Adults, Pediatrics, Neonates. . . . . ±3 digits

**Resolution**

Saturation (%SpO<sub>2</sub>) . . . . . 1%  
Pulse Rate (bpm). . . . . 1 bpm

**ELECTRICAL**

**Batteries**

Type. . . . . 4 AA Alkaline  
Capacity . . . . . over 30 hours

**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  
-1000 ft to 18,000 ft (-304 m to 5,486 m)

**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 (SpO<sub>2</sub> 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, 0.250s, 0.500s, 0.250s, 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 . . . . . % SpO<sub>2</sub>, pulse rate, perfusion index,  
FastSat, alarm status, alarm silenced status, Signal IQ/pleth bar,  
battery status, MAX  
Type. . . . . LED

**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 . . . . . Continuous