



The Masimo Rad-5V is a hand-held pulse oximeter that can non-invasively monitor a patient's blood oxygen saturation (SpO₂) and pulse rate. The Masimo Rad-5v system features a color LED Display screen. This makes it easier to continuously monitor the patient's vitals. The Display screen also displays an indicator bar that has the Perfusion Indicator (PI) and Signal Identification. By using a finger probe the Masimo system and easily calculate the measurements.

The Masimo Rad-5 can hold up to 72 hours of trending data in the memory. The System has audio and visual alarms that can be set for high and low saturation, pulse rate, and low battery. The battery life of the pulse oximeter is over 30 hours and runs on four AA batteries.

Features

- Clinically proven Masimo SET technology performance.
- Applicable for use on neonates, pediatric and adult patients.
- Proven for accurate monitoring in motion and low perfusion environments.
- SpO₂, pulse rate, alarm and perfusion index displays.
- Signal I.Q. for signal identification and quality indication.
- Lightweight, convenient handheld design.
- Long battery life: over 30 hours on 4 "AA" alkaline batteries



Specifications

Dimensions

Height: 6.2" (15.8 cm)

Width: 3.0" (7.6 cm)

Depth: 1.4" (3.6 cm)

Weight: 13 oz (0.32 kg)

Measurement Range

SpO₂: 1–100%

Pulse Rate: 25–240 bpm

Perfusion: 0.02–20%

Accuracy

Saturation: 70–100%

No Motion Adults/Pediatrics: 2 %

No Motion Neonates: 3 %

Motion Adults/Pediatrics: 3 %

Motion Neonates: 3 %

Low Perfusion Adults/Pediatrics: 2 %

Low Perfusion Neonates: 3 %

Pulse Rate: 25–240 bpm

No Motion: 3 bpm

Motion: 5 bpm

Low Perfusion: 3 bpm

Resolution

Saturation (%SpO₂): 1%

Pulse Rate (bpm): 1 bmp

Battery

Type: 4 AA Alkaline

Capacity: over 30 hours

Modes

Averaging Mode: 8 seconds

Sensitivity: Normal

Alarms

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)

