Rad-67™
Pulse CO-Oximeter®

Featuring Masimo SET® Measure-through Motion* and Low Perfusion™ Pulse Oximetry and Noninvasive Total Hemoglobin (SpHb®) Spot-check Monitoring

More Than a Conventional Pulse Oximeter

Compatible with the rainbow® DCI*-mini sensor
Display spot-check monitoring results with signal quality indicators for signal stability, low perfusion, and ambient light interference
Label spot-check monitoring measurements with unique patient identifiers for convenient historical data review directly on the device

Oxygen Saturation*
Pulse Rate*
Perfusion Index
Total Hemoglobin**

* Masimo SET® Measure-through Motion technology includes SpO2 and PR. ** SpHb indicated for adult patients only.
Features

Intuitive touchscreen allows users to quickly navigate the user interface with finger gestures

Redesigned sensor connector port with a slim profile design provides tactile feedback upon proper connection

Wireless printer compatibility enables clinicians to print results at the point of care

Rad-67 Specifications

**Accuracy**
- Oxygen Saturation (%SpO2) Accuracy Range: 70–100%
- No Motion Adults/Pediatrics/Infants (AAGM)\(^1\)
  - Motion Adults/Pediatrics/Infants (AAGM)\(^2\)
  - Pulse Rate (PR)/Accuracy Range
    - No Motion (AAGM)\(^3\)
    - Motion (AAGM)\(^4\)
  - SpHb Limits of Agreement (LoA)
    - Total Hemoglobin (SpHb) Accuracy Range: 8.17 g/dL
      - Upper 95% LoA\(^5\)
      - Lower 95% LoA\(^5\)

**Physical Characteristics**
- Weight: 0.81 lbs (0.37 kg)
- Dimensions: 6.6" x 3.2" x 0.9" (19.43 cm x 8.2 cm x 2.3 cm)

**Environmental**
- Operating Temperature: 32–95º F (0–35º C)
- Atmospheric Pressure: 540–1,060 mBar
- Operating Humidity: 10-95%, non-condensing

**Compliance**
- Safety Standard(s): ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No. 60601-1
- Pulse Oximeter Standard(s): ISO 80601-2-61
- IEC Standard(s): EN 60601-1-2, Class B
- Type of Protection: Class BF, Delta Proof-Applied Part
- Enclosure Degree of Protection: IPX4

Rad-67 Specifications

1 Next Generation SpHb technology in Rad-67 is available only when used with compatible sensors with Next Generation SpHb technology. 2 This represents approximate runtime at the lowest indicator brightness and wireless functionality powered off using a fully-charged battery. 3 ARMS accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fall within ± ARMS of the reference measurements in a controlled study. 4 The differences between measurements by the two methods are used to calculate the mean and standard deviation. The lower 95% limit of agreement is the mean minus 1.96 standard deviation and the upper 95% limit of agreement is the mean plus 1.96 standard deviation. These limits are expected to contain 95% of the differences between measurements between the two methods in controlled environments. Accuracy testing for SpHb was performed on healthy and sick subjects.

**SpHb Monitoring with Rad-67**
- SpHb monitoring with Rad-67 is not intended to replace laboratory blood testing.
- Blood samples should be analyzed by laboratory instruments prior to clinical decision making.
- SpHb is not intended for use on pediatric patients, pregnant patients, and patients with renal disease.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

Rad-67 is not licensed for sale in Canada.