

Noninvasive Hemoglobin for Blood Donation Centers

Quick, noninvasive total hemoglobin (SpHb®) spot-check measurements with the handheld Rad-67™ Pulse CO-Oximeter®



Benefits of Noninvasive Hemoglobin (SpHb)

- > Pain-free, noninvasive hemoglobin measurements for donor comfort
- > Noninvasive technology does not introduce risk of exposure to bloodborne pathogens for donor or staff
- > Efficient and cost-effective solution with no manual calibration or waste generated



Results displayed in as few as 30 seconds on an easy-to-use handheld

Next Generation SpHb Technology

The following table represents the accuracy of SpHb measurements obtained using Rad-67 and tHb measurements using an invasive point-of-care device, each compared to a laboratory reference device.

Device	Subjects	Samples	Std Dev	Bias	ARMS ¹
SpHb vs. Laboratory Hematology Analyzer	319	660	1.0	0.1	1.0
Invasive Point-of-care Device vs. Laboratory Hematology Analyzer	283	283	1.1	-0.3	1.2

Masimo study. Data collected at five different centers on healthy and sick subjects.

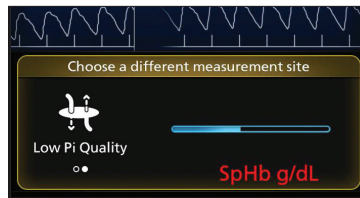


EASY-TO-USE DEVICE FOR EFFICIENCY AND OPTIMIZED WORKFLOW

Spot-check measurements including SpHb, pulse rate, SpO₂, and other measurements obtained in just a few simple steps.



Intuitive touchscreen allows users to quickly navigate the user interface



Feedback screens provide alerts regarding signal quality and possible solutions



Spot-check results displayed with **signal quality indicators**



Review historical results on device and sort by customized donor identifier and date/time of measurement

HD Display

- Bright LCD, colour display
- Automatic low power mode to conserve power

Compact Design

- Minimizes storage needs
- Easily transportable

Auto-Brightness

- Ambient light sensor automatically adjusts screen brightness to optimize visibility

Rechargeable Battery

- Li-ion Battery
- Up to 6 hours battery life²
- 6 hours charging time

Scalable technology allows teams both small and large to implement, operate, and maintain devices



RAD-67 SPECIFICATIONS

ORDERING INFORMATION	COMPLIANCE
Rad-67..... PN 9794	Safety Standard(s)..... ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No. 60601-1, IEC/EN 60601-1, 3rd Ed.
PHYSICAL CHARACTERISTICS	Pulse Oximeter Standard(s)..... ISO 80601-2-61
Weight..... 0.37 kg (0.81 lbs)	IEC Standard(s)..... 60601-1-2, Class B
Dimensions..... 19.4 cm x 8.2 cm x 2.4 cm (Approx. 7.5" x 3" x 1")	Type of Protection..... Class II (Internally Powered)
ENVIRONMENTAL	Degree of Protection..... Type BF, Defib Proof-Applied Part
Operating Temperature..... 0-35° C (32-95° F)	Mode of Operation (per IEC 60601-1)..... Continuous Operation
Atmospheric Pressure..... 540-1,060 mBar	Enclosure Degree of Protection..... IPX4
Operating Humidity..... 10-95%, non-condensing	

¹ 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. ² This represents approximate runtime at the lowest indicator brightness and wireless functionality powered off using a fully charged battery.

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

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