Noninvasive Haemoglobin for Blood Donation Centres

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

Benefits of Noninvasive Haemoglobin (SpHb)

- Pain-free, noninvasive haemoglobin 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 with Next Generation Spot-check SpHb technology and tHb measurements using an invasive point-of-care device, each compared to a laboratory reference device.

Device	Subjects	Samples	Std Dev	Bias	A_{RMS}[1]
SpHb vs. Laboratory Haematology Analyser	330	330	1	-0.1	1.1
Invasive Point-of-care Device vs. Laboratory Haematology Analyser (Capillary Blood Draw)	290	544	1.0	0.4	1.1

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

Masimo

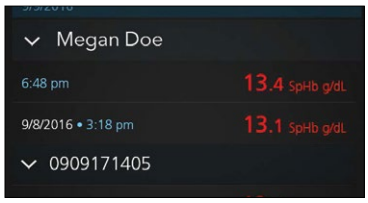
EASY-TO-USE DEVICE FOR EFFICIENCY AND OPTIMISED WORKFLOW

Spot-check measurements including SpHb, pulse rate, SpO_2 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 customised donor identifier and date/time of measurement

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

HD Display

- Bright LCD, colour display

Auto-Brightness

- Ambient light sensor automatically adjusts screen brightness to optimise visibility

Compact Design

- Minimises storage needs
- Easily transportable

Rechargeable Battery

- Li-ion Battery
- Up to 6 hours battery life[2]
- 6 hours charging time

RAD-67 SPECIFICATIONS

ORDERING INFORMATION	
Rad-67	PN 9794

PHYSICAL CHARACTERISTICS	
Weight	0.37 kg (0.81 lbs)
Dimensions	19.4 cm x 8.2 cm x 2.4 cm (Approx. 7.5" x 3" x 1")

ENVIRONMENTAL	
Operating Temperature	0–35° C (32–95° F)
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, IEC/EN 60601-1, 3rd Ed.
Pulse Oximeter Standard(s)	ISO 80601-2-61
IEC Standard(s)	60601-1-2, Class B
Type of Protection	Class II (Internally Powered)
Degree of Protection	Type BF, Defib Proof-Applied Part
Mode of Operation (per IEC 60601-1)	Continuous Operation
Enclosure Degree of Protection	IPX4

[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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