

Noninvasive, Spot-check Next Generation SpHb® Technology

Quick, noninvasive Total Hemoglobin (SpHb) spot-check measurements with the handheld Rad-67™ Pulse CO-Oximeter® and rainbow® DCI®-mini Sensor



How Does SpHb Measure Up?

- > No calibration required by the end user
- > SpHb spot-check measurements obtained in just a few simple steps
- > SpHb spot-check results display in as few as 30 seconds
- > Multiple physiologic parameters, including SpO₂, available simultaneously
- > Noninvasive technology does not introduce risk of exposure to bloodborne pathogens
- > Noninvasive hemoglobin screening may be efficient, cost-effective, and preferred by patients and clinicians

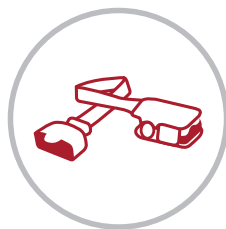
The following table represents the accuracy of SpHb measurements obtained using Rad-67 and tHb measurements using an invasive point-of-care device, each compared to a laboratory reference device.

Device	Subjects	Samples	Std Dev	Bias	A _{RMS} 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.



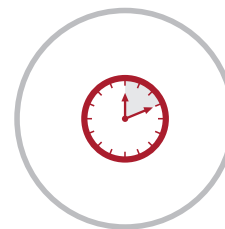
Spot-checking Simplified



Measure SpHb, SpO₂, pulse rate (PR), and perfusion index (Pi) using the reusable rainbow® DCI-mini sensor*



Label spot-check measurements with unique patient identifiers for simplified data management



SpHb spot-check results display in as few as 30 seconds

Flexible Options for Reviewing Patient Data



Review historical spot-check results directly on the device, sorted by unique patient identifier and date of measurement



Print measurement results at the point of care using a compatible wireless printer

rainbow® DCI-mini Performance Specifications

ACCURACY (ARMS)¹

Oxygen Saturation (%SpO ₂) Accuracy Range	70-100%	Total Hemoglobin (SpHb) Accuracy Range	8-17 g/dL
No Motion Adults/Pediatrics/Infants2%	No Motion Adults/Pediatrics/Infants*1 g/dL
Motion Adults/Pediatrics/Infants3%		
Low Perfusion Adults/Pediatrics/Infants2%		
Pulse Rate (PR) Accuracy Range	25-240 bpm		
No Motion Adults/Pediatrics/Infants3 bpm		
Motion Adults/Pediatrics/Infants5 bpm		
Low Perfusion Adults/Pediatrics/Infants3 bpm		

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.

* Rad-67 SpHb is indicated for adult and pediatric patients only.

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.

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

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