

# Rad-67™ Spot-check Pulse CO-Oximeter®

Featuring Masimo SET® Measure-through Motion and Low Perfusion™ Pulse Oximetry and rainbow SET™ Technology



## Noninvasive Spot-check Measurements

### Masimo SET®



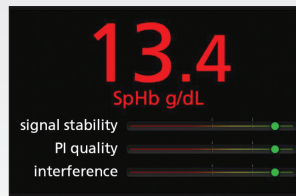
### rainbow SET



## More Than a Conventional Pulse Oximeter



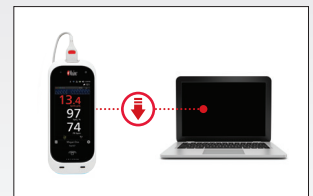
Measure **SpO2** and **noninvasive haemoglobin (SpHb)** with the universal **rainbow® DCI®-mini** sensor for patients  $\geq 3$ kg



Display spot-check results with **signal quality indicators** for motion, low perfusion, and ambient light interference




Label spot-check measurements with **unique patient identifiers** for convenient **historical data review** directly on the device




**Download patient data directly** from the device using a wired or wireless connection




# Next Generation SpHb Technology<sup>1</sup>




Improved motion tolerance



Enhanced SpHb field performance in the lower haemoglobin ranges

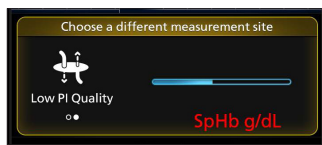


Results displayed in as few as 30 seconds



Gender selection accounts for the different average haemoglobin ranges of men and women

## Features



**Feedback screens** provide alerts regarding signal quality and possible solutions



**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



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

### HD Display

- Bright LCD, colour display

### Auto-Brightness

- Ambient light sensor automatically adjusts screen brightness to optimise visibility

### Rechargeable Battery

- Li-ion Battery
- Up to 6 hours battery life<sup>2</sup>
- 6 hours charging time

### Connectivity

- Wired and wireless connectivity enables automated transfer of patient data



## Rad-67 Specifications

ACCURACY (ARMS) <sup>3,4</sup>	PHYSICAL CHARACTERISTICS
Oxygen Saturation (%SpO <sub>2</sub> ) ..... 70-100%	Weight ..... < 0.57 kg (1.25 lbs)
No Motion Adults/Paediatrics/Infants ..... 2%	Dimensions ..... 19.4 cm x 8.2 cm x 2.4 cm (Approx. 7.5" x 3" x 1")
Motion Adults/Paediatrics/Infants ..... 3%	<b>ENVIRONMENTAL</b>
Low Perfusion Adults/Paediatrics/Infants ..... 2%	Operating Temperature ..... 0-35° C (32-95° F)
Pulse Rate (PR) ..... 25-240 bpm	Atmospheric Pressure ..... 540-1,060 mBar
No Motion ..... 3 bpm	Operating Humidity ..... 10-95%, non-condensing
Motion ..... 5 bpm	<b>COMPLIANCE</b>
Low Perfusion ..... 3 bpm	Safety Standard(s) ..... ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No. 60601-1, IEC/EN 60601-1, 3rd Ed.
Total Haemoglobin (SpHb) ..... 8-17 g/dL	Pulse Oximeter Standard(s) ..... ISO 80601-2-61
Adults/Paediatrics ..... 1 g/dL	IEC Standard(s) ..... EN 60601-1-2, Class B
Methaemoglobin (%SpMet) ..... 1-15%	Type of Protection ..... Class II (Internally Powered)
Adults/Paediatrics/Infants ..... 1%	Degree of Protection ..... Type BF, Defib Proof-Applied Part
	Mode of Operation (per IEC 60601-1) ..... Continuous Operation
	Enclosure Degree of Protection ..... IPX4

<sup>1</sup> Next Generation SpHb technology in Rad-67 is available only when used with compatible sensors with Next Generation SpHb technology. <sup>2</sup> This represents approximate runtime at the lowest indicator brightness and wireless functionality powered off using a fully-charged battery. <sup>3</sup> ARMS accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within  $\pm$  ARMS of the reference measurements in a controlled study. <sup>4</sup> Accuracy specifications are applicable for rainbow® DCI-mini, DCI, and DCI-P sensors with Rad-67. See sensor Directions for Use for full specifications.

SpHb and SpMet monitoring with Rad-67 are not intended to replace laboratory blood testing. Blood samples should be analysed by laboratory instruments prior to clinical decision making.

Rad-67 has obtained CE Marking. Not available in the U.S. or Canada.

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

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