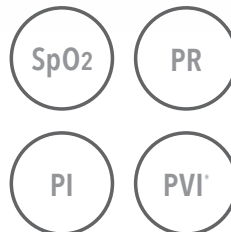


Rad-97™ Pulse CO-Oximeter®

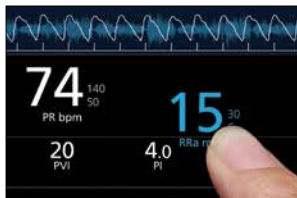
Featuring Masimo SET® Measure-through Motion and Low Perfusion™
Pulse Oximetry with Upgradeable rainbow SET™ Technology



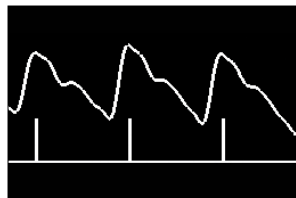
Masimo SET® Measurements



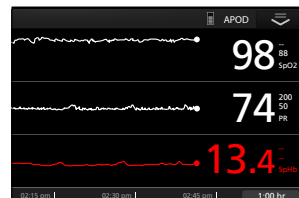
Upgradeable rainbow SET™ Measurements



Customise the display to suit your clinical needs and view data at a glance



High-resolution display of patient's **plethysmographic waveform**



Trend 96 hours of parametric data to analyse patient status over time



Configure settings for various patient populations using the **Profiles** option



Features

1080p HD Display

- Bright LCD, colour display with ability to manually adjust screen brightness

Auto-Brightness

- Ambient light sensor automatically adjusts screen brightness to optimise visibility in various settings

Profile Indicators

- Profile icon changes and home button illuminates in corresponding colours to provide visual indications of the current Profile setting



ADULT NEONATAL PEDIATRIC

Automatic Display Rotation

Rechargeable Battery

- Li-ion Battery
- Up to 7 hours battery life¹
- 3 hours charging time

Communication Options

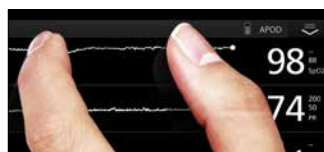
- WiFi (802.11abg)
- Bluetooth® LE
- Nurse Call Interface
- Ethernet
- USB Port

AC Power Connector (110V/220V, 47-63 Hz)

- Built-in to provide a more secure hold between power cable and device

Swivel Foot

- Provides additional support when in vertical orientation



Multi-touch Screen

Adjust the range of trend time displayed with intuitive finger gestures



M20 Connector

Slim profile design that provides tactile feedback upon proper connection



Alarms

Audible and visual alarms for quick identification of alarming parameter



System Status Light

Provides visual indications of alarms and system messages

Rad-97 Specifications

ACCURACY (ARMS) ²	PHYSICAL CHARACTERISTICS
Oxygen Saturation (%SpO ₂) 70–100%	Weight < 1.36 kg (3 lbs)
No Motion Adults/Paediatrics/Infants2%	Dimensions 22.9 cm x 16.5 cm x 10.2 cm (Approx. 9" x 6.5" x 4")
No Motion Neonates3%	
Motion Adults/Paediatrics/Infants/Neonates3%	
Low Perfusion Adults/Paediatrics/Infants/Neonates2%	
Oxygen Saturation (%SpO ₂) 60–80%	
No Motion Adults/Paediatrics/Infants3%	
Pulse Rate (PR) 25–240 bpm	
No Motion3 bpm	
Motion5 bpm	
Low Perfusion3 bpm	
Total Haemoglobin (SpHb) 8–17 g/dL	
Adults/Paediatrics 1 g/dL	
Carboxyhaemoglobin (%SpCO) 1–40%	
Adults/Paediatrics/Infants 3%	
Methaemoglobin (%SpMet) 1–15%	
Adults/Paediatrics/Infants/Neonates 1%	
Respiration Rate (RRa) 4–70 bpm	
Adults/Paediatrics 1 bpm	
Respiration Rate (RRp) 4–70 rpm	
Adults/Paediatrics 1 rpm	
	ENVIRONMENTAL
	Operating Temperature 0–35° C (32–95° F)
	Atmospheric Pressure 540–1,060 mBar
	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
	Alarm Standard(s) IEC 60601-1-8
	EMC Standard(s) EN 60601-1-2, Class B
	Type of Protection Class I (AC power) / 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 IP21

¹This represents approximate runtime at the lowest indicator brightness and wireless functionality powered off using a fully-charged battery. ²ARMS Accuracy is calculated based upon measurement values that are statistically distributed; approximately 68% of the measured values fell within ± the ARMS value when compared to the reference device in a controlled study.

SpHb, SpCO, and SpMet monitoring with Rad-97 are not intended to replace laboratory blood testing. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.

Rad-97 with ORi and/or RRp has obtained CE Marking. Not available in the U.S.

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

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