

Rad-97™

Pulse CO-Oximeter® with Noninvasive Blood Pressure



Pulse Oximetry



Oxygen Saturation*



Pulse Rate*



Perfusion Index



Pleth Variability Index

Blood Pressure



Noninvasive Blood Pressure

rainbow SET™



Total Hemoglobin



Carboxyhemoglobin



Methemoglobin



Oxygen Content

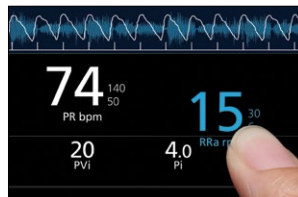


Acoustic Respiration Rate

Featuring rainbow SET Pulse CO-Oximetry



Integrated noninvasive blood pressure (NIBP) monitoring in a standalone device



Customizable display allows for quick assessment of patient status and provides pertinent data at a glance



Connectivity solutions for electronic charting to EMRs and optional two-way audio/visual communication†



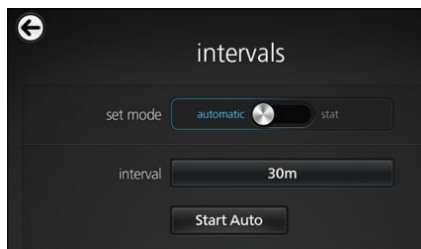
Upgradeable rainbow SET technology allows for continuous monitoring of multiple additional parameters



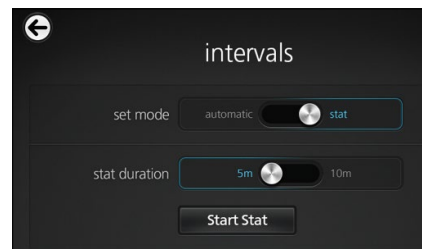
Noninvasive Blood Pressure Monitoring



Spot-check blood pressure measurements can be taken at any time



Automatic Interval Mode routinely takes blood pressure measurements once every desired interval, eliminating the need to do so manually



Stat Interval Mode continuously measures blood pressure for a desired duration of 5 or 10 minutes

Features

Use simple gestures on the **multi-touch screen** to move, expand, or collapse parameter trends for real-time analysis

Configurable patient profile settings for a variety of patient populations

Wi-fi and Bluetooth® provide compatibility with a variety of advanced connectivity solutions

Optional two-way camera supports video conferencing

Optional roll stand allows for tetherless device transport, offering flexibility when space is limited

Integrated port to connect blood pressure hose

Ethernet, Nurse Call Interface, and USB ports for seamless integration into wired infrastructures

Compatible with disposable and reusable cuffs, for a variety of patient types, designed for reliability and patient comfort

Data can be displayed in numeric view or trend view

Rad-97 with NIBP Specifications

MEASUREMENT ACCURACY	COMPLIANCE
NIBP Between 0 mmHg and 300 mmHg ±3 mmHg	Safety Standard(s) ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No. 60601-1, IEC/EN 60601-1, 3rd Ed.
DISPLAY RANGES	Pulse Oximeter Standard(s) ISO 80601-2-61
NIBP (Adult, Pediatric, Neonatal)	Alarm Standard(s) IEC 60601-1-8
Systolic 40-260 mmHg, 40-230 mmHg, 40-130 mmHg	EMC Standard(s) EN 60601-1-2, Class B
Diastolic 20-200 mmHg, 20-160 mmHg, 20-100 mmHg	Type of Protection Class I (AC power) / Class II (Internally Powered)
MAP 26-220 mmHg, 26-183 mmHg, 26-110 mmHg	Degree of Protection Type BF, Defib Proof-Applied Part
PHYSICAL CHARACTERISTICS	Mode of Operation (per IEC 60601-1) Continuous Operation
Weight Approx. 2.3 lbs (<1.05 kg)	Enclosure Degree of Protection IP22
Dimensions 22.9 cm x 16.5 cm x 10.2 cm (Approx. 9" x 6.5" x 4")	ORDERING INFORMATION
ENVIRONMENTAL	Rad-97 NIBP 9797
Operating Temperature 32-104° F (0-40° C)	Rad-97 NIBP with Camera 9798
Atmospheric Pressure 540-1,060 mBar	Mounts, carts, cuffs, and other optional accessories sold separately.
	Part Number

* Masimo SET® Measure-through Motion technology includes SpO2 and PR.

† Electronic charting is enabled by Patient SafetyNet™ or Iris Gateway™ and audio/visual communication requires Patient SafetyNet. The use of the trademark PATIENT SAFETYNET is under license from University HealthSystem Consortium.

Rad-97 with NIBP is not licensed for sale in Canada.

Caution: Federal (USA) law restricts this device to sale by or on the order of a physician. See instructions for use for full prescribing information, including indications, contraindications, warnings, and precautions.

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