

Pronto[®] Pulse CO-Oximeter[®]

Featuring Masimo SET[®] Measure-through Motion and Low Perfusion[™] Pulse Oximetry with rainbow[®] Technology for Noninvasive Spot-Checking of Total Hemoglobin (SpHb[®])

Measurements



Oxygen Saturation



Pulse Rate



Perfusion Index

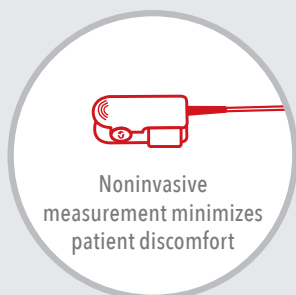


Total Hemoglobin



Masimo SET[®] Measure-through Motion and Low Perfusion Pulse Oximetry

- > Helps clinicians monitor more than 100 million patients a year¹
- > Used by 8 of the top 10 hospitals listed in the 2016-17 *U.S. News and World Report* Best Hospitals Honor Roll²



More Than a Conventional Pulse Oximeter

	Conventional Pulse Oximeter	Pronto Pulse CO-Oximeter
SpO₂ – The amount of oxyhemoglobin expressed as a percentage of the hemoglobin that is available to transport oxygen	✓	✓ Masimo SET® Measure-through Motion and Low Perfusion
PR – Pulse rate	✓	✓
PI – Ratio of the pulsatile blood flow to the non-pulsatile blood in peripheral tissue		✓
SpHb – Total hemoglobin in arterial blood		✓



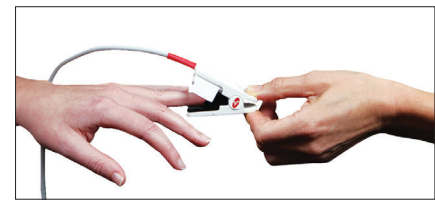
Easy to Use in a Variety of Clinical Environments



Portable and durable handheld device



Intuitive user interface



Spot-check results in a few, simple steps

Pronto Specifications

ACCURACY (A_{RMS})³	ENVIRONMENTAL
Oxygen Saturation (%SpO ₂).....70-100%	Operating Temperature 41°-104° F (5°-40° C)
No Motion Adults/Pediatrics/Infants/Neonates2%	Atmospheric Pressure500-1060 mbar
Motion Adults/Pediatrics/Infants/Neonates3%	PHYSICAL CHARACTERISTICS
Low Perfusion Adults/Pediatrics/Infants/Neonates2%	Dimensions 6.9" x 3.0" x 1.4" (17.5 cm x 7.6 cm x 3.6 cm)
Pulse Rate (PR)25-240 bpm	Weight 13 oz (367 g)
No Motion..... 3 bpm	Audible Alerts Low Battery, System Failure
Motion..... 5 bpm	COMPLIANCE
Low Perfusion 3 bpm	EMC Standards EN60601-1-2, Class B
Total Hemoglobin (SpHb)8-17 g/dL	Safety Compliance UL 60601-1
No Motion Adults/Pediatrics..... 1 g/dL	CSA C22.2 No. 601.1, IEC/EN 60601-1, 2nd Ed., IEC/EN 60601-1, 3rd Ed., IEC, 60601-1-11, IEC 62366, ISO 80601-2-61
ELECTRICAL	Type of Protection (battery power) Internally Powered (Battery Powered)
Battery Power 4 AA Alkaline	Degree of Protection Type BF-applied part
Capacity Operates continuously for up to 8 hours without changing batteries	Mode of Operation Continuous
Number of spot-checks on fully charged battery 140	
Isolation No external power or ground connection, internally powered only, DC current	

¹ Estimate: Masimo data on file. ² <http://health.usnews.com/health-care/best-hospitals/articles/best-hospitals-honor-roll-and-overview> ³ A_{RMS} accuracy is a statistical calculation of the difference between device measurements and reference measurements. Approximately two-thirds of the device measurements fell within ± A_{RMS} of the reference measurements in a controlled study.

SpHb monitoring with Pronto is not intended to replace laboratory blood testing. Blood samples should be analyzed by laboratory instruments prior to clinical decision making.

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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