

Pronto[®] Pulse CO-Oximeter[®]

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

- SpO₂ Oxygen Saturation*
- PR Pulse Rate*
- Pi Perfusion Index
- SpHb[®] Total Haemoglobin

rainbow[®] DCI[®]-mini

A universal sensor
for patients ≥ 3 kg



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

Next Generation SpHb Improvements

The Next Generation SpHb technology¹ in Pronto offers:



Improved
motion tolerance



Enhanced SpHb field
performance in the
range of 6 to 11 g/dL



Results displayed in
as few as 30 seconds



Gender Selection, accounting
for the different average
haemoglobin ranges of
men and women

More Than a Conventional Pulse Oximeter

	Conventional Pulse Oximeter	Pronto Pulse CO-Oximeter
SpO₂ – The amount of oxyhaemoglobin expressed as a percentage of the haemoglobin 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 haemoglobin in arterial blood		✓



Universal rainbow® DCI-mini Sensor



- > Lightweight, versatile sensor, for use with multiple patient types
- > Features Next Generation SpHb technology when used with Pronto, enabling improved motion tolerance and timely spot-check results

Pronto Specifications

PHYSICAL CHARACTERISTICS	ENVIRONMENTAL
Dimensions 17.5 cm x 7.6 cm x 3.6 cm (6.9" x 3.0" x 1.4")	Operating Temperature 5–40° C (41–104° F)
Weight (With Batteries)13 oz (368 g)	Atmospheric Pressure 500–1,060 mbar
Audible Alerts Low Battery, System Failure	
ELECTRICAL	COMPLIANCE
Battery Power 4 AA Alkaline	EMC Standards EN60601-1-2, Class B
Capacity Operates continuously for up to 8 hours without changing batteries	Safety Compliance UL 60601-1
Number of spot-checks on fully charged battery 140	CSA C22.2 No. 601.1, IEC/EN 60601-1, 2nd Ed., IEC/EN 60601-1, 3rd Ed., IEC 62366, ISO 80601-2-61
Isolation No external power or ground connection, internally powered only, DC current	Type of Protection Internally Powered (Battery Powered)
	Degree of Protection Type BF-applied part
	Mode of Operation Continuous

rainbow® DCI-mini Sensor Specifications

ACCURACY (A _{RMS}) ²	WEIGHT RANGE
Oxygen Saturation (%SpO ₂) Accuracy Range 70–100%	Adult/Paediatric >10 kg, Finger or Toe Application
No Motion Adults/Paediatrics/Infants2%	Infant 3–10 kg, Finger, Thumb, or Great Toe Application
Motion Adults/Paediatrics/Infants3%	
Low Perfusion Adults/Paediatrics/Infants2%	
Pulse Rate (PR) Accuracy Range 25–240 bpm	
No Motion Adults/Paediatrics/Infants3 bpm	
Motion Adults/Paediatrics/Infants5 bpm	
Low Perfusion Adults/Paediatrics/Infants3 bpm	
Total Haemoglobin (SpHb) Accuracy Range 8–17 g/dL	
No Motion Adults/Paediatrics/Infants1 g/dL	
	COMPATIBILITY
	rainbow® DCI-mini reusable sensors are for use with devices containing Masimo rainbow SET™ technology (v7.4 or higher) or licensed to use rainbow® compatible sensors
	ORDERING INFORMATION
	Non-sterile / Packaged 1 per box / Does not contain natural rubber latex
	Sensor
	rainbow® DCI-mini, 200 Spot-checks 3797
	rainbow® DCI-mini, 400 Spot-checks 3798

¹ Next Generation SpHb technology in Pronto is available only when used in conjunction with compatible rainbow® DCI-mini sensor with Next Generation SpHb technology. ² A_{RMS} Accuracy is calculated based upon measurement values that are statistically distributed; approximately 68% of the measured values fell within ± the A_{RMS} value when compared to the reference device 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.

Pronto with Next Generation SpHb and the rainbow® DCI-mini have 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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