

NONIN Tabletop/Portable Pulse Oximeter 7500

Nonin 7500 pulse oximeter has a unique low-profile design that enables it to fit easily on a tabletop or into its own carrying case. The stylish, compact 7500's simple functionality, minimum 16-hour battery life, 4-hour quick recharge, and minimum of 70 hours of memory makes it well-suited for a variety of clinical and homecare applications. Like all Nonin portable Oximeters, the 7500 provides a wide range of display indicators that provide reliable readings.

The 7500's flexible alarm management options include patient security mode and a user-defined default that offers customizable patient settings. The 7500's analog output capability allows it to interface easily with other equipment. A variety of single-use and reusable sensors are available for use with the Model 7500. Nonin Medical's PureLight® sensors produce accurate and dependable SpO₂ readings from patient-to-patient and sensor-to-sensor. Use only Nonin branded sensors.

Model 7500

- Convenient – Lightweight, compact
- Easy-To-Use – Bright LED displays and large display screen offer clear readability
- Durable – Rugged design
- Powerful – Over 70 hours of memory available for extended monitoring
- Versatile – Monitors neonate to adult patients in acute care to homecare environments
- Flexible – Use as a stand alone device or interface with other equipment



Magnetic Resonance (MRI) Model 7500 FO

The 7500FO (fiber optic) pulse oximeter has been specifically developed for MRI environments. Use in fixed-site or mobile MRI facilities for monitoring infant, paediatric and adult patients.





Tabletop/Portable Pulse Oximeter 7500

Model 7500 Tabletop Pulse Oximeter and choice of Sensor

NON-7500-AA	with Reusable Adult Articulating Finger Clip Sensor - 1m	NON-7500-SL	with Reusable Soft Large Finger Sensor - 1m
NON-7500-AA-2	with Reusable Adult Articulating Finger Clip Sensor - 2m	NON-7500-SL-3	with Reusable Soft Large Finger Sensor - 3m
NON-7500-AA-3	with Reusable Adult Articulating Finger Clip Sensor - 3m	NON-7500-Q2	with Reusable Ear Clip Sensor - 1m
NON-7500-AP	with Reusable Paediatric Articulating Finger Clip Sensor - 1m	NON-7500-8000J	with Reusable Adult Flex SpO ₂ Sensor - 1 Metre & 24 Disposable FlexiWraps
NON-7500-AP-3	with Reusable Paediatric Articulating Finger Clip Sensor - 3m	NON-7500-8000J-3	with Reusable Adult Flex SpO ₂ Sensor - 3 Metre & 24 Disposable FlexiWraps
NON-7500-SS	with Reusable Soft Small Finger Sensor - 1m	NON-7500-8001J	with - Reusable Neonate Flex SpO ₂ Sensor - 1 Metre & 24 Disposable FlexiWraps
NON-7500-SS-3	with Reusable Soft Small Finger Sensor - 3m	NON-7500-8008J	with - Reusable Infant Flex SpO ₂ Sensor - 1 Metre & 24 Disposable FlexiWraps
NON-7500-SM	with Reusable Soft Medium Finger Sensor - 1m		
NON-7500-SM-3	with Reusable Soft Medium Finger Sensor - 3m		

Model 7500FO Tabletop Pulse Oximeter, Fiber-Optic for MRI

NON-7500FO	Tabletop Pulse Oximeter, Fiber-Optic for MRI (sensors and cable not included see below)		
Reusable Fibre Optic Sensors			
NON-8000FC-20	Fiber Optic Reusable Sensor Adult/Paediatric,6 Metre Cable, Finger Wrap	NON-8000FI-20	Fiber Optic Reusable Sensor Infant/Paediatric,6 Metre Cable, Toe Wrap
NON-8000FC-30	Fiber Optic Reusable Sensor Adult/Paediatric,9 Metre Cable, Finger Wrap	NON-8000FI-30	Fiber Optic Reusable Sensor Infant/Paediatric,9 Metre Cable, Toe Wrap
Disposable Finger/Toe Wraps			
NON-8000FW	Finger Wrap for use with Fibre Optic Sensor, Pack of 2	NON-8000TW	Toe Wrap for use with Fibre Optic Sensor, Pack of 3

Accessories

SENSORS - See Nonin Pulse Oximeter Sensor Compatibility Guide		Accessories	Pole Mount System
NON-3668-100	Rolling Stand	NON-110708-001	Data Management Software
NON-6031-000	Carrying Case	NON-nVision	PureSAT®

Specification

Dimensions	219 mm W x 92 mm H x 142 mm D		Temperature	
Weight	900 grams (907 grams with battery)		Operating	0° to +40°C (32°F to 104°F)
Memory	70 hours (continuous operation)		Storage/ Transportation	-30° C to +50°C (-22°F to 122°F)
Warranty	3 years		Humidity	
Oxygen Saturation Display Range	0 – 100% SpO ₂		Operating	10 – 90% noncondensing
Pulse Rate Display Range	18 – 321 beats per minute (BPM)		Storage/ Transportation	10 – 95% noncondensing
Saturation Declared Accuracy (A _{rms})*	70 – 100%		Altitude	
	Adults/ Pediatrics	Neonates	Operating	Up to 12,000 metres (40,000 feet)
No Motion Reusable: Finger Clip	±2 digits	±3 digits	Hyperbaric Pressure	Up to 4 atmospheres
No Motion Disposable: 6000 Series	±2 digits	±3 digits	Power Requirements (Mains)	100–240 VAC 50–60 Hz
Motion Reusable: Finger Clip	±2 digits	N/A	Internal Power	
Pulse Rate Declared Accuracy			Battery	7.2 volt NiMH battery pack
No Motion	18 – 300 BPM		Operating Life (fully charged battery):	16 hours minimum
Motion	40 – 240 BPM		Storage Life	21 days minimum
Low Perfusion	40 – 240 BPM		Recharge Rate	4 hours maximum
	Adults/ Pediatrics	Neonates	Classifications per IEC 60601-1 / CSA601.1 / UL60601-1	
No Motion Reusable: Finger Clip	±3 digits	±3 digits	Type of Protection	Internally powered (battery power)
No Motion Disposable: 6000 Series	±3 digits	±3 digits	Degree of Protection	Type BF-Applied Part
Motion Reusable: Finger Clip	±5 digits	±5 digits	Mode of Operation	Continuous
Low Perfusion Reusable: Finger Clip	±3 digits	±3 digits	Enclosure Degree of Ingress Protection	IPX2
Low Perfusion Disposable: 6000 Series	±3 digits	±3 digits	* ± 1 A _{rms} represents approximately 68% of measurements	

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