

Model 7500 Series



Easy to use. Economical. Reliable performance.

Nonin's 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 Series

Product Highlights

- 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 (MR) Model 7500 FO

The 7500FO (fiberoptic) pulse oximeter was specifically developed for MR environments. Use in fixed-site or mobile MR facilities for monitoring infant, pediatric and adult patients.



User-Friendly Interface

The 7500 provides a variety of display indicators that ensure reliable readings.



Pulse Strength Bar Graph – Color coded bar graph assists in assessing the patient's status. An audible tone sounds with each pulse. The pitch changes with the patient's saturation level.



Pulse Quality Indicator – Detects patient movement or signal quality changes that may require sensor site stabilization.



Sensor Fault Indicator – Indicates when a sensor has become disconnected, misaligned, failed, or is incompatible with the monitor.

Specifications

Specifica	tions				
Oxygen Saturat	ion Display F	Range	0-100% SpO ₂		
Pulse Rate Rang	je		18–321 BPM		
Displays					
Pulse Strength			LED, Bar graph, tri-color segments		
Alarm Indicator			LED, bi-color		
Alarm Silenced			LED, amber		
Numeric Displays			3-digit, 7-segment LEDs, green		
Low Battery			LED, amber		
Saturation Accuracy (A _{rms}) ^a			70–100%		
	•		Adults/Pediatrics	Neonates	
No Motion:	Reusable	Finger Clip	± 2 digits	± 3 digits	
	Disposable	6000 Series	± 2 digits	± 3 digits	
Motion:	Reusable	Finger Clip	•	NA	
Pulse Rate Accu	iracy	,	3		
No Motion:			18–300 BPM		
Motion:			. 40–240 BPM		
Low Perfusion:			40-240 BPM	.40-240 BPM	
			Adults/Pediatrics	Neonates	
No Motion:	Reusable	Finger Clip	± 3 diaits	± 3 digits	
		6000 Series	•	± 3 digits	
Motion:		Finger Clip		± 5 digits	
Low Perfusion:		Finger Clip		± 3 digits	
		6000 Series	-	± 3 digits	
Memory			9	continuous operation)	
Temperature (Operating)			0° to +40°C (32°F to 104°F)		
(Storage/Transportation)					
Humidity (Operating)					
(Storage/Transportation)			10–95% noncondensing		
Altitude (Operating)				Up to 12,000 meters (40,000 feet)	
Hyperbaric Pressure			Up to 4 atmospheres		
Power Requirements (Mains)			100–240 VAC 50–60 Hz		
Internal Power					
Battery			7.2 volt NiMH battery pack		
Operating Life (fully charged battery)			16 hours minimum		
Storage Life					
Recharge Rate			4 hours maximum		
Dimensions			Approximately 219 mm (8.6") W x		
			92 mm (3.6") H x 14	42 mm (5.6") D	
Weight			Approximately 900 grams (2 lbs) with battery		
Warranty			3 years	. 3 years	
Classification pe	er IFC 60601	-1/CSA601.1/L	JL60601-1		
Type of Protection			Class II (when on AC power with MPP30 battery charger), Internally powered (on battery power)		
Degree of Protection					
Mode of Operation					
Enclosure Degre					
Analog Outputs	_				
SpO ₂ Output Range			0-1 VDC (0–100% SpO ₂), 1.27 VDC (out of track)		
			0-1 VDC (0–300 BPM), 1.27 VDC (out of track)		
Event Marker					
Accuracy					
Load Current			· -		

Specifications are subject to change without notice.

 $^{\text{a}}$ \pm 1 A_{rms} represents approximately 68% of measurements

Quality systems certified to ISO 13485, and CE per Annex II of EC Directive No. 93/42/EEC as amended by 2007/47/FC.

Authorized Distributor:

nonin.com

Nonin Medical, Inc.

Fax: +1.763.577.5521

E-mail: info@nonin.com

13700 1st Avenue North

Plymouth, MN • 55441-5443 • U.S.A.

Tel: +1.763.553.9968 1.800.356.8874







1075 BD Amsterdam • Netherlands Tel: +31 (0)13-79 99 040 Fax: +31 (0)13-79 99 042

E-mail: infointl@nonin.com

