



The world's #1 oximeter

9550 Onyx II



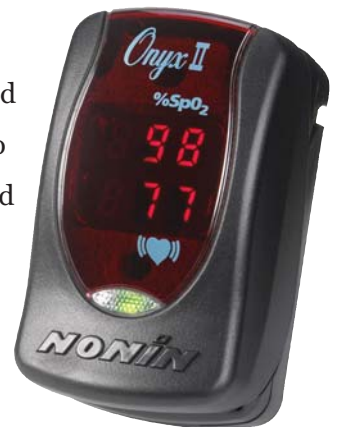
**All-in-one
fingertip
pulse oximeter**

Product Highlights

- » **Simple**
Automatically turns on for fast, easy spot-checks
- » **Superior Accuracy**
Trusted by clinicians worldwide
- » **Efficient**
New turn-off mechanism allows for 2500 spot-checks or 21 hours of continuous use
- » **Versatile**
Accommodates widest range of finger sizes from pediatric to adult
- » **Enhanced Design**
 - Smaller
 - Enclosed spring
 - Wider LED viewing angle
 - Easy battery access

Vital Signs Within Reach.™

NONIN, the world leader in fingertip oximetry, has designed years of clinical experience into the Onyx II. The electronics and sensor are incorporated into the world's smallest fingertip oximeter, providing a cost-effective solution for spot-checks and short-term monitoring. Onyx II – not just a new look. Superior performance and unparalleled reliability put vital signs within reach anywhere, anytime.



Right. When you need it.™



Vital Signs Within Reach

The Onyx II is ideal for use in any situation where a fast and accurate reading of blood oxygen saturation and pulse rate is needed. Never search for a pulse oximeter or sensor again.



Proven Performance

The portability and functionality of the Onyx II makes it a valuable tool in any situation where a fast and accurate reading of blood oxygen saturation and pulse rate is needed.

Small & Lightweight

Carry the Onyx II anywhere – on a lanyard, in a carrying case or in your pocket. It weighs less than 2 oz.

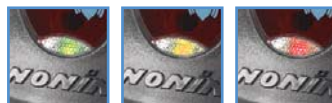


Large Bright LED Display

SpO₂ and Pulse Rate that can be read from any angle, day or night.

Pulse Quality Indicator

Brilliant, easy-to-see LED provides a quick and accurate assessment of patient readings.



Pediatric to Adult Finger Sizes

Accommodates a wide range of finger thicknesses, 0.3 - 1.0 inch (8 mm to 26 mm).



Automatic On/Off

Energy Efficient

A new turn-off mechanism allows two AAA batteries to provide approximately 2500 spot-checks or 21 hours of continuous operation.



Durable & Reliable

Rugged enough to be used in the most demanding situations. The Onyx II has the US Army and US Air Force aeromedical certification for use in helicopters.



Everything You Need



Standard Package Items



Optional Carrying Cases

Specifications

Dimensions:	1.27 cm (3.23") W x 2.20 cm (5.59") H x 1.31 cm (3.33") D
Oxygen Saturation Display Range:	0-100% SpO ₂
Pulse Rate Display Range:	18-321 BPM
Oxygen Saturation Declared Accuracy Range (A_{rms}*):	70-100% SpO ₂ ±2 digits
Low Perfusion Oxygen Saturation Declared Accuracy Range (A_{rms}*):	70-100% SpO ₂ ±2 digits
Pulse Rate Declared Accuracy Range (A_{rms}*):	20-250 BPM ±3 digits
Low Perfusion Pulse Rate Declared Accuracy Range (A_{rms}*):	40-240 BPM ±3 digits
Measurement Wavelengths and Output Power**:	
Red:	660 nanometers @ 0.8 mw maximum average
Infrared:	910 nanometers @ 1.2 mw maximum average
Temperature (Operating):	+32° to +104°F / 0° to +40°C
Temperature (Storage/Transportation):	-22° to +122°F / -30° to +50°C
Humidity (Operating):	10-90% non-condensing
Humidity (Storage/Transportation):	10-95% non-condensing
Altitude (Operating):	Up to 40,000 feet / 12,192 meters
(Hyperbaric Pressure):	Up to 4 atmospheres
Battery Life (Continuous):	Approximately 2,500 spot-checks based on 21 hours of operation using two AAA-size alkaline batteries, calculated at 30 seconds per spot-check
Battery Life (Storage):	4 years, minimum

Classifications per IEC 60601-1 / CSA 601.1 / UL 60601-1:

Degree of Protection:	Type BF-Applied Part
Enclosure Degree of Ingress Protection:	IPX2
Mode of Operation:	Continuous

This product complies with ISO 10993-1

*± 1 A_{rms} represents approximately 68% of measurements

**This information is especially useful for clinicians performing photodynamic therapy

Specifications are subject to change without notice.



Authorized Distributor:

