



Fingertip Pulse Oximeters from Nonin

Dependable Results Anywhere

Count on Nonin.

Oximeter Failures Can Disrupt Patient Care

SpO₂ Measurements You Can Trust

More medical professionals than ever are using blood oxygen saturation (SpO₂) data in patient assessments. Pulse oximeters provide valuable information in hospitals, clinics, long-term care facilities, skilled nursing facilities, emergency medical services, and home healthcare services.

High Quality Care Requires Professional Tools

Pulse oximeter readings help you make important care decisions. But several factors can affect their accuracy:

- Ambient light can create interference for some oximeters, throwing the results into doubt
- Some oximeters provide less accurate readings for patients with dark skin pigmentation
- Patients with poor peripheral circulation or rapid SpO₂ changes are difficult to measure
- Respiratory patients often have conditions with co-morbidities that affect SpO₂ readings
- Many pulse oximeters fail in rigorous environments such as emergency medicine



For Dependable Results, Count on Nonin.

Pulse oximeters from Nonin feature exclusive technologies and product quality that overcome these problems. They deliver SpO₂ measurements you can trust, time after time.

Advanced Technology From Nonin

PureLight® Sensors and PureSAT® Signal Processing

Nonin pulse oximetry sensors feature PureLight® sensor technology, which minimizes the effects of ambient light to provide consistent SpO₂ readings, and PureSAT® signal processing technology that provides reliable and accurate measurements—even in the presence of motion, low perfusion, or other challenging conditions.



Proven Accuracy

A leading research laboratory created two challenging conditions—induced hypoxia and patient motion—and compared a Nonin pulse oximeter and a competing device to a known standard.

The Nonin pulse oximeter stayed within 2.1% of the standard, an almost perfect match. The competing pulse oximeter showed readings up to 14.4% off the actual value*.

Nonin PureSAT technology delivers more accurate readings for informed treatment decisions.



Products Built to Work As Hard as You Do

Preferred by Professionals

Nonin oximeters are designed for ease of use and built with high quality materials—and medical professionals notice the difference. In a 2013 reader survey from *RT Magazine**, more respiratory therapists (69%) said they use and trust Nonin finger pulse oximeters than any other brand.

69% OF RESPIRATORY
THERAPISTS
CHOOSE NONIN
FINGERTIP PULSE OXIMETRY



U.S. Military Certified

The compact, durable Onyx® II 9550 puts SpO₂ and pulse rate measurements within reach anywhere, at any time. It is cleared for use on military aircraft. This model has been certified airworthy by the U.S. Army and U.S. Air Force.

Superior Durability

Nonin pulse oximeters are designed and built to withstand even the toughest clinical settings. The Onyx® II 9550 and Onyx® Vantage 9590 even have FDA claims that meet and exceed EMS standards for medical devices**. In order to ensure Nonin pulse oximeters are durable, Nonin performs extensive stress and durability tests.

*Survey conducted via RT Magazine by Nonin Medical, Inc. Data on file.

**Nonin Medical, Inc. Data on file - see product operator's manual.



Pulse Oximetry Portfolio

The **Onyx® II 9550 Fingertip Pulse Oximeter**

is indicated for use in measuring and displaying SpO₂ and pulse rate of patients who are well or poorly perfused. It is intended for spot-checking of adult and pediatric patients.

Product highlights include:

Proven Reliability Provides fast, accurate SpO₂ and pulse rate measurements in a wide range of patients

Durability in Demanding Environments The only oximeter with U.S. Army and U.S. Air Force airworthiness certifications

Energy Efficient Provides up to 10,000 spot checks or 63 hours of continuous monitoring and doesn't draw power when not in use to preserve battery life



Onyx® II 9550

Pulse Oximetry for Professional Use

The **Onyx® Vantage 9590 Fingertip Pulse Oximeter** is indicated for use in measuring and displaying functional oxygen saturation of arterial hemoglobin (%SpO₂) and pulse rate in a wide range of environments.

Product highlights include:

Reliable Performance Delivers accurate measurements, even for patients with low perfusion or darker skin tones

Advanced Technologies Nonin PureSat® technology captures SpO₂ and pulse rate measurements quickly and accurately

Lasting Value Provides up to 6,000 spot checks or 36 hours of continuous monitoring on two AAA batteries



Onyx® Vantage 9590

Pulse Oximetry Portfolio

Pulse Oximetry for Professional Use

The **NoninConnect Elite 3240 Wireless Fingertip Pulse Oximeter** features Bluetooth® Low Energy technology that enables clinicians to view real-time patient SpO₂ readings from up to 10m (32ft) away on any compatible Apple® device using the NoninConnect app.

Product highlights include:

Bluetooth® Low Energy Secure, cable-free connection to any compatible iOS® mobile device to share real-time SpO₂ readings

Reliable Performance Delivers accurate measurements, even for patients with low perfusion or darker skin tones

Lasting Value Provides up to 2,200 spot checks on two AAA battery and includes a 2-year warranty



NoninConnect Elite 3240

Pulse Oximetry for Personal Use

The **NoninConnect 3245 Wireless Fingertip Pulse Oximeter** features Bluetooth® Low Energy technology that allows patients to send SpO₂ data through any compatible Apple® device using the NoninConnect app.

Product highlights include:

Bluetooth® Low Energy Secure, cable-free connection to any compatible iOS® mobile device to share real-time SpO₂ readings with physicians

Reliable Performance Delivers accurate measurements, even for patients with low perfusion or darker skin tones

Lasting Value Provides up to 2,200 spot checks on two AAA batteries and includes a 2-year warranty



NoninConnect 3245

Comparison Chart

Nonin Fingertip Pulse Oximetry				
Features	9550 Onyx II	9590 Onyx Vantage	3240 NoninConnect Elite	3245 NoninConnect
SpO ₂ reading	✓	✓	✓	✓
Pulse rate	✓	✓	✓	✓
Pulse quality indicator	✓	✓	✓	✓
BLE wireless			✓	✓
Indicated for accuracy in low perfusion	✓	✓	✓	✓
Indicated for accuracy with motion tolerance	✓	✓	✓	✓
Indicated for use in hospital & pre-hospital settings	✓	✓	✓	
Air worthiness rated	✓			
Warranty (years)	4	4	2	2
Prescription Only	✓	✓	✓	

To learn more about our technologies and products, visit nonin.com/technologies/pulse-oximetry

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