GO2 Model 9570

Finger Pulse Oximeter

Trust Nonin PureSAT® SpO2 Technology... superior performance for challenging patient conditions

A new independent hypoxia lab study proves that Nonin Medical oximetry captures and reports worsening patient conditions better than many other oximeter brands.
NEW STUDY\(^1\): An independent hypoxia lab recently completed a study in humans demonstrating that oximeters from two large private label manufacturers often fail to track desaturations in conditions associated with the sickest patients — low perfusion (low finger blood circulation) and labored breathing associated with dyspnea (shortness of breath).

Three fingertip oximeters were tested. All oximeters had FDA 510(k) clearance as “medical devices” but two did not provide the clinical accuracy required. **Only the Nonin Medical oximeter was able to accurately track the desaturation events.**

Trust Nonin oximeters, even for challenging patient conditions. Only Nonin makes Nonin.

**Specifications**

- **Oxygen Saturation Display Range**
  
  0 – 100% SpO\(_2\)

- **Pulse Rate Display Range**
  
  18 – 321 beats per minute (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 ± 3 digits

- **Measurement Wavelengths and Output Power**

  - Red ..................... 660 nanometers @ 0.8mW max average
  - Infrared ............... 910 nanometers @ 1.2mW max average

- **Temperature**

  - Operating .................. +41°F to +104°F (5°C to +40°C)
  - Storage/Transportation .... -22°F to +158°F (-30°C to +70°C)

- **Humidity**

  - Operating .................. 10 – 90% relative humidity, non-condensing
  - Storage/Transportation .... 10 – 95% relative humidity, non-condensing

- **Altitude (Operating)**

  - Up to 40,000 feet / 12,192 meters

- **Battery Life**

  - Continuous .................. Approximately 2,400 spot checks (based on ~21 hours of operation using one AAA-size alkaline battery, calculated at 30 seconds per use.)
  - Storage .................. 6 months minimum

- **Warranty**

  - 2 years

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

  - Degree of Protection — Type BF-Applied Part
  - Enclosure Degree of Ingress Protection IP33
  - Mode of Operation ...... Continuous

- **SpO\(_2\) Desaturation Capture**

  - % of Subjects Accurate

  - Competitor A
  - Nonin Medical
  - Nellcor Reference (N 600-X Tabletop)


  - *Conditions of low perfusion and labored breathing This equipment complies with International Standard IEC 60601-1-2 for electromagnetic compatibility for medical electrical equipment and/or systems. This standard is designed to provide reasonable protection against harmful interference in a typical installation. However, because of the proliferation of radio-frequency transmitting equipment and other sources of electrical noise in healthcare, home, and many other environments, it is possible that high levels of such interference due to close proximity or strength of a source might disrupt the performance of this device. This product complies with ISO 10993-1 **±1 Arms represents approximately 68% of measurements.