

NeoPulse Pulse Oximeter



Product Highlights

- Easy to use** *Intuitive, color coded displays*
- Versatile** *Monitor Neonates to adults; acute care to homecare*
- Powerful** *Minimum 6 hour battery life*
- Intelligent** *Nonin's Next Generation PureSAT signal processing technology*
- Convenient** *Compact, light weight & Durable*

Sensor Options



Neonate Y-Wrap Type



Neonate Soft Rubber

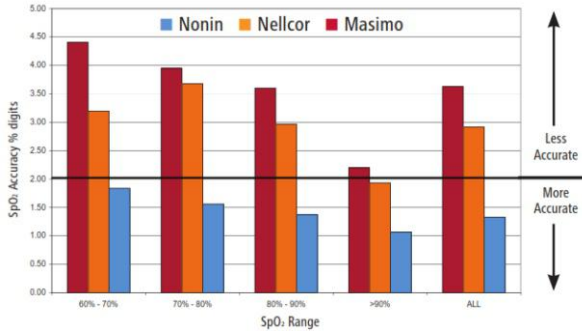


Neonate Y-Type

NONIN Advantage

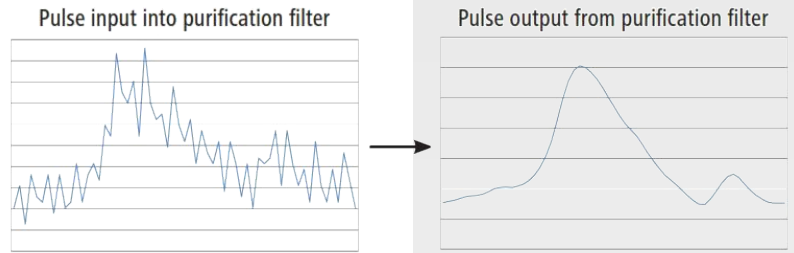
PureSAT Advantage - Industry Leading Accuracy

Figure 1: Comparison of Nonin's Superior accuracy in the most challenging environments (dark skin pigmentation)



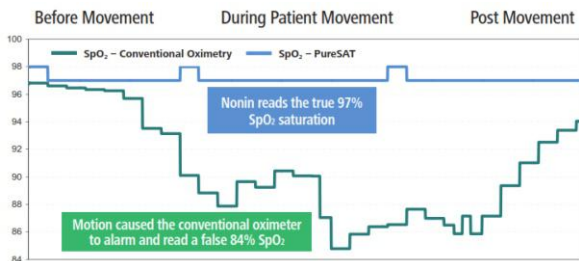
PureSAT Advantage - Reliable Measurement in Low Perfusion

Figure 2: Example of PureSAT's powerful filter for low perfusion



PureSAT Advantage - False Alarms Due to Patient Movement are eliminated

Figure 3: Comparison of Nonin's next generation technology vs Conventional Pulse Oximetry during a patient movement event



Save time with intelligent, automatic averaging

In a fast paced environment you cant afford to spend the time customizing your oximeter to each patient. PureSAT's pulse by pulse averaging automatically adjusts for three second averaging or faster.

Key Benefits:

- No Modes to set for averaging - Its all automatic
- Smart algorithm that automatically adjusts for three second averaging or faster using pulse by pulse technology - ideal for adult, pediatric, infant / neonate
- Averaging adjusts with challenging conditions

Technical Specifications

Oxygen Saturation Range(%SpO₂)

0% to 100%

Pulse Rate Range

18 to 300 pulses per minute

Display

7 segment LED Display
10 segment Bar Graph

SpO₂, Pulse Rate
Pulse Strength

Accuracy

Blood Oxygen Saturation (%SpO₂ ± 1 SD)

No Motion: Adults, Pediatrics
Neonates
Motion: Adults, Pediatrics
Neonates
Low Perfusion: Adults, Pediatrics
Neonates

70 - 100% ±2 digits
70 - 100% ±3 digits
70 - 100% ±2 digits
70 - 100% ±3 digits
70 - 100% ±2 digits
70 - 100% ±3 digits

Pulse Rate

No Motion
Motion
Low Perfusion

18 to 300 bpm ±3 digits
60 to 240 bpm ±5 digits
60 to 240 bpm ±3 digits

Alarms

Sensor Fail, SpO₂ High/Low, Pulse High/Low
Battery Low, Perfusion Low, Artifact

Power Requirements

Mains
Battery

230 ± 15 Vac, 50Hz
Rechargeable inbuilt NiMh Battery

Dimensions

21cm x 16cm x 11cm

Weight

1.1 Kg