



NeoPulse



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



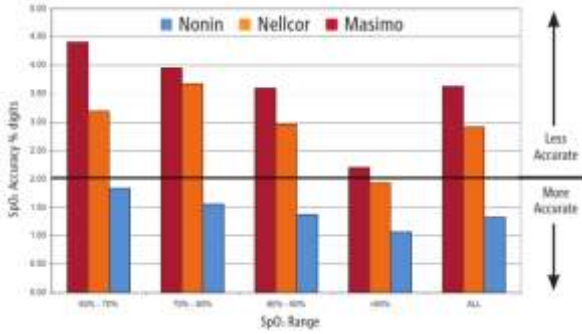
Neonate Y-Type

Tabletop / Portable Pulse Oximeter



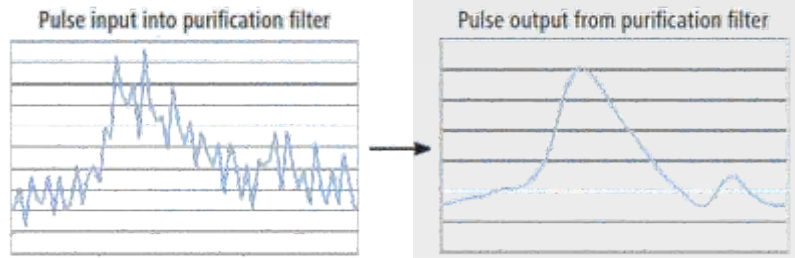
PureSAT Advantage - Industry Leading Accuracy

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



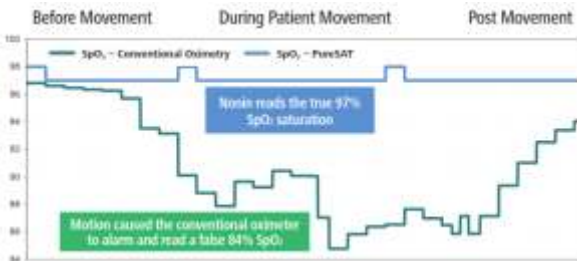
PureSAT Advantage - Reliable Measurement in Low Perfusion

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(%SpO ₂)	0% to 100%
Pulse Rate Range	18 to 300 pulses per minute
Display	SpO ₂ , Pulse Rate Pulse Strength
7 segment LED Display	
10 segment Bar Graph	
Accuracy	
Blood Oxygen Saturation (%SpO ₂ ±1 SD)	
No Motion: Adults, Pediatrics	70 - 100% ±2 digits
Neonates	70 - 100% ±3 digits
Motion: Adults, Pediatrics	70 - 100% ±2 digits
Neonates	70 - 100% ±3 digits
Low Perfusion: Adults, Pediatrics	70 - 100% ±2 digits
Neonates	70 - 100% ±3 digits
Pulse Rate	
No Motion	18 to 300 bpm ±3 digits
Motion	60 to 240 bpm ±5 digits
Low Perfusion	60 to 240 bpm ±3 digits
Alarms	Sensor Fail, SpO ₂ High/Low, Pulse High/Low Battery Low, Perfusion Low, Artifact
Power Requirements	
Mains	230 ± 15 Vac, 50Hz
Battery	Rechargeable inbuilt NiMH Battery
Dimensions	21cm x 16cm x 11cm
Weight	1.1 Kg