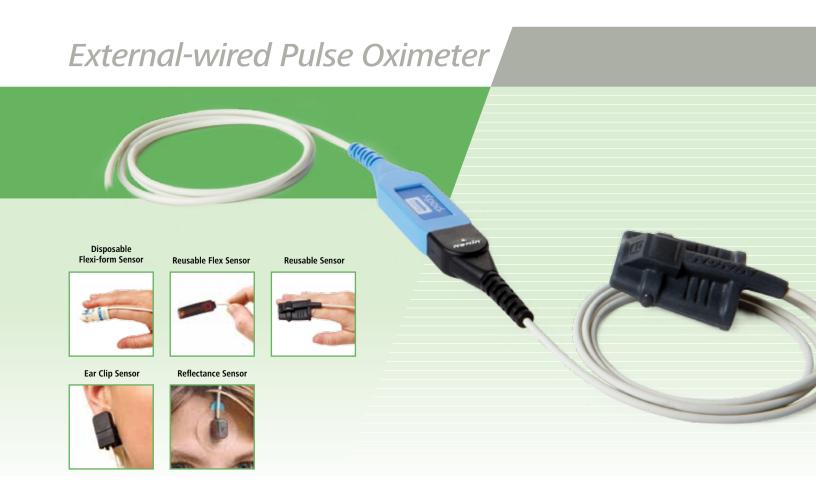


Xpod® Model 3012LP



Low Power External SpO₂ — It is in the Cable

Nonin Medical's Low Power Xpod is a highly accurate, easy-to-integrate external pulse oximetry solution for new or existing medical products. With convenient plug-and-play adaptability, the compact Low Power Xpod is an ideal pulse oximetry add-on that doesn't require space in your monitor housing. For superior performance in challenging patient applications, Nonin's PureSAT® signal processing and PureLight® sensor technologies combine for a highly responsive and accurate SpO₂ monitoring system. The Xpod is now available with Mini-12 or USB connector options. With a volume commitment, Nonin can customize the Xpod to meet your connector needs.



Xpod® Model 3012LP

Product Highlights

- Clinically proven PureSAT® pulse oximetry technology
- **Compatible with all Nonin PureLight® Sensors**
- Accuracy claims for challenging patient conditions
- **PPG digital output**
- **Extremely low power draw**
- Low voltage regulation

Reliable for All Patients

The Xpod with Nonin's proven PureSAT SpO₂ technology is reliable even when patient signals are not. PureSAT signal processing technology separates the true signal from artifact interference and weak signals, providing accurate measurements regardless of the patient or challenging condition.

Superior Performance

Clinically validated for use in challenging conditions such as motion and low perfusion

Connector Options

Choose from Mini-12, USB or custom connector based on volume agreement





Low Power Draw

Less than 35mW@3.3V* – ideal for small portable products

Proven PureSAT® Pulse Oximetry Technology

Algorithms separate the most reliable signal from artifact and weak signals for highly accurate readings in real time

PPG Digital Output

For physiologic timing applications, the PPG output can be used for applications that measure the time the pulse wave takes to travel between two arterial sites, such as from the heart to the finger

Compatible with all Nonin PureLight® Sensors

Nonin PureLight® sensor technology provides superior performance with consistent accuracy for all challenging patient applications, including neonates, dark skin and low perfusion. To find out more about Nonin's PureLight Sensor technology, visit us at www.nonin.com/oximetry/sensors.

*Excludes USB versions.

Your Partner of Choice.

With more than 25 years of experience and dedication to the design and support of noninvasive monitoring devices, Nonin Medical has helped many medical professionals meet clinical and economic objectives. More than 100 OEM partners around the world rely on Nonin's digital technology to successfully integrate superior pulse oximetry and capnography into their products.



Specifications

Weight		. 75g (.2.7 oz.) (including 6' cable and connector)		
Oxygen Saturation Range	e (SpO ₂)	. 0 to 100%		
Pulse Rate Range		. 18 to 321 beats per	8 to 321 beats per minute (BPM)	
SpO ₂ Range		. 70-100%		
•		Adults*/Pediatrics** Neonates		
No Motion REUSABLE:	8000AA:	± 2 digits	N/A	
REUSABLE:	8000SX:	± 2 digits	N/A	
DISPOSABLE:	6000/7000 Series:	± 2 digits	± 3 digits	
Motion REUSABLE: REUSABLE:	8000AA: 8000SX:	± 3 digits ± 3 digits	N/A N/A	
Low Perfusion	All Nonin Sensors:	± 2 digits	± 3 digits	
Pulse Rate Accuracy No Motion		Adults/Pediatrics	Neonates	
(18-300 BPM)				
REUSABLE:	8000AA:	± 3 digits	N/A	
REUSABLE:	8000SX:	± 3 digits	N/A	
DISPOSABLE:	6000/7000 Series:	± 3 digits	± 3 digits	
Motion (40-240 BPM)				
REUSABLE:	8000AA:	± 5 digits	N/A	
REUSABLE:	8000SX:	± 5 digits	N/A	
Low Perfusion (40-240 BPM)	All Nonin Sensors:	± 3 digits	± 3 digits	
Temperature (Operating) 0°C to 50°C (32°F – 122°F)				
Temperature (Storage/Transportation) 20°C to 50°C (-4°F – 122°F)				
Humidity (Operating) 10 to 90% non-condensing				
Humidity (Storage/Transportation)				
Power Draw				
Voltage Input				
Classifications per IEC 60601-1 / CSA 601 1/ III 60601-1:				

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

Degree of Protection: Type BF-Applied Part Enclosure Degree of Ingress Protection: IP33

This product complies with ISO 10993-1
* ± 1 Arms represents approximately 68% of measurements
** Pediatric includes infant

See Technical Specifications for a complete list of approved Nonin sensors at www.nonin.com/OEMsolutions/Xpod

Specifications are subject to change without notice.

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