

# WristOx<sub>2</sub><sup>®</sup> Model 3150

*Wrist-worn Pulse Oximeter*



## The WristOx<sub>2</sub>, Model 3150 Pulse Oximeter is Unmatched for Performance and Value!

Engineered with Nonin Medical's proven PureSAT<sup>®</sup> SpO<sub>2</sub> technology, the WristOx<sub>2</sub>, Model 3150 delivers highly accurate readings in the widest range of patient populations and settings. The WristOx<sub>2</sub>, Model 3150 is ideal for applications including ambulatory monitoring, remote wireless monitoring and overnight studies providing the versatility and reliability that clinicians expect from Nonin. The most advanced wrist-worn pulse oximeter available, the WristOx<sub>2</sub>, Model 3150 features improved performance and reporting capabilities, including enhanced connectivity and increased memory storage. A new ergonomic design and Bluetooth<sup>®</sup> wireless technology eliminate the inconvenience of bulky cables and provide patients with increased comfort and independence making this pulse oximeter ideal for ambulatory monitoring.

# WristOx<sub>2</sub>, Model 3150

## Product Highlights

- **Easy to Use** Simply put your finger in the sensor
- **Design Updates** Small size wears like a watch with large display screen and enhanced sensor connector design
- **Software Support** Advanced features such as 6 Minute Walk Test (6MWT) or full cardiopulmonary exercise testing when used with Blue Cherry Software.
- **WristOx Sensor Line** The WristOx<sub>2</sub> sensors are exclusively designed for use with the WristOx<sub>2</sub>, Model 3150



## Added Benefits

**Versatility** The WristOx<sub>2</sub>, Model 3150 is an ideal choice for multiple applications where small, portable oximetry is needed

**Powerful Battery** 48 hours of battery life (non-Bluetooth), 24 hours with continuous Bluetooth using two AAA alkaline batteries

**Simple Data Verification** The new Memory Volume Indicator Mode provides verification of recorded data during oxygen qualification studies

**Enhanced Memory** 1,080 hours of non-volatile memory at a four-second sampling rate with additional high resolution variable sampling options of one or two seconds

**Nonin Quality and Support** Rugged durability and industry-leading 3-year warranty

**Proven PureSAT® Pulse Oximetry Technology** Fast and accurate response for capturing events in challenging conditions such as motion and low perfusion

## Select Your Options

8000J-WO2 Adult Flex Sensor, 8000AA-WO2 Clip Sensor, 8000SS-WO2, 8000SM-WO2 and 8000SL-WO2 (small, medium, large) Soft Sensors  
3150WB Wristband

3150I Adapter cable (for compatibility with all Nonin PureLight® sensors)

nVISION data management software

3150SC PC USB interface cable

WristOxCC WristOx<sub>2</sub> carrying case



## Specifications

<b>Dimensions</b> (without sensor or strap)	56 mm (2.2 ) wide x 74 mm (2.91 ) high x 20 mm (.79 ) thick
<b>Weight</b> (with batteries and wrist strap)	71 grams (2.5 oz)
<b>Warranty</b>	3 years
<b>Oxygen Saturation Range</b> (%SpO <sub>2</sub> )	0% to 100%
<b>Pulse Rate Range</b>	18 to 321 pulses per minute
<b>Displays</b>	
Numeric Displays	3-digit Indicators
Pulse Indicator	Pulse Strength Bar graph
<b>Accuracy</b>	
Blood Oxygen Saturation (%SpO <sub>2</sub> ±1 A <sub>mb</sub> )*	70 - 100%
Non-motion	± 2 digits***
Low perfusion	± 2 digits***
Motion	± 3 digits***
Pulse Rate (in all 3 listed above)	± 3 digits***
<b>Temperature</b>	
Operating	+23° to +104°F (-5° to +40°C)
Storage/Transportation	-40° to +158°F (-40° to +70°C)
<b>Humidity</b>	
Operating	10% to 95% noncondensing
Storage/Transportation	10% to 95% noncondensing
<b>Altitude</b>	
Operating Altitude	Up to 40,000 feet (12,192 meters)
Hyperbaric Pressure	Up to 4 atmospheres
<b>Power Requirements</b>	Two 1.5V alkaline AAA batteries
<b>Battery Life</b>	
Operating without Bluetooth®	48 Hours Minimum
Operating with Bluetooth®**	24 Hours Minimum
Storage	9 months
<b>Memory</b>	
Type	Nonvolatile
Capacity	Up to 1,080 hours @ 4 sec. data storage rate Up to 540 hours @ 2 sec. data storage rate Up to 270 hours @ 1 sec. data storage rate

### Classifications per IEC 60601-1/UL60601-1

Type of Protection	Internally powered (on battery power)
Degree of Protection	Type BF-Applied Part
Mode of Operation	Continuous

\* ± A<sub>mb</sub> encompasses approximately 68% of the population.

\*\* Based on class 2 operation for 23 hours and class 1 operation for 1 hour in a 24 hour period.

\*\*\* Refer to the operator's manual for additional accuracy specifications.

\*\*\*\* As tested with Soft Sensor Series.

Quality systems registered to ISO 13485:2003

*Specifications are subject to change without notice.*

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