

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

## *Wrist-worn Pulse Oximeter*



## **The Most Versatile Wrist-worn Pulse Oximeter for Unmatched Performance and Value!**

Engineered with Nonin Medical's proven PureSAT® SpO<sub>2</sub> technology, the WristOx<sub>2</sub><sup>™</sup>, Model 3150 delivers highly accurate readings in the widest range of patient populations and settings. From the hospital to the home, the WristOx<sub>2</sub><sup>™</sup>, 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><sup>™</sup>, Model 3150 features advanced performance and reporting capabilities, including enhanced connectivity and increased memory storage. A new ergonomic design and Bluetooth® wireless technology eliminate the inconvenience of bulky cables and provide patients with increased comfort and independence—making this pulse oximeter ideal for ambulatory monitoring.

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## 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 overnight sleep reporting available when used with nVISION<sup>®</sup> data management software
- **Convenient Data Transfer** – Transfer data securely to nVISION<sup>®</sup> via Bluetooth wireless or USB connection
- **New Sensor Line** – The new WristOx<sub>2</sub> sensors are exclusively designed for use with the new WristOx<sub>2</sub><sup>™</sup>, Model 3150



## Added Benefits

**Versatility** – The WristOx<sub>2</sub><sup>™</sup>, 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

**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<sup>®</sup> 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 - Reusable or disposable wristbands available in 6", 8", 10" and 13" lengths or wristband extension 5" (3150WBE)
- 3150I - Adapter cable (for compatibility with all Nonin PureLight<sup>®</sup> sensors)
- nVISION data management software
- 3150SC - PC USB interface cable
- 3100CC - WristOx<sub>2</sub> carrying case



## Available in Two Configurations

WristOx<sub>2</sub> (3150) Single unit or Starter Kit (3150SK) value bundle with nVISION software, PC USB interface cable and extra wrist straps. System comes with a 8000SM-WO2 Sensor.

## Specifications

**Dimensions** (without sensor or strap) .....56 mm (2.2") wide x 74 mm (2.91") high  
x 20 mm (.79") thick

**Weight** (with batteries and wrist strap).....71 grams (2.5 oz)

**Warranty**.....3 years

**Oxygen Saturation Range** (%SpO<sub>2</sub>) .....0% to 100%

**Pulse Rate Range**.....18 to 321 pulses per minute

### Displays

Numeric Displays .....3-digit Indicators

Pulse Indicator .....Pulse Strength Bar graph

### Accuracy

Blood Oxygen Saturation (%SpO<sub>2</sub> ±1 A<sub>ms</sub>)\* .....70 - 100%

Non-motion .....± 2 digits\*\*\*

Low perfusion .....± 2 digits\*\*\*

Motion .....± 3 digits\*\*\*\*

Pulse Rate (in all 3 listed above) .....± 3 digits\*\*\*

### Temperature

Operating .....+23° to +104°F (-5° to +40°C)

Storage/Transportation .....-40° to +158°F (-40° to +70°C)

### Humidity

Operating .....10% to 95% noncondensing

Storage/Transportation .....10% to 95% noncondensing

### Altitude

Operating Altitude .....Up to 40,000 feet (12,192 meters)

Hyperbaric Pressure .....Up to 4 atmospheres

**Power Requirements** .....Two 1.5V alkaline AAA batteries

### Battery Life

Operating without Bluetooth<sup>®</sup> .....48 Hours Minimum

Operating with Bluetooth<sup>®</sup> \*\* .....24 Hours Minimum

Storage.....9 months

### Memory

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>ms</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.

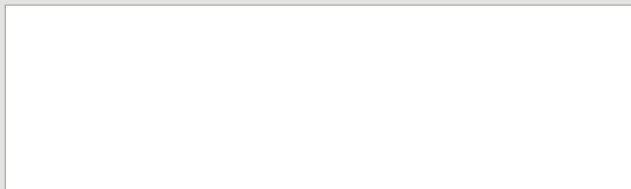
\*\*\* Refer to the operator's manual for additional accuracy specifications.

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

Quality systems registered to ISO 13485:2003

*Specifications are subject to change without notice.*

Authorized Distributor:



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