

WristOx₂[®] Model 3150 Series

Wrist-worn Pulse Oximeter with Bluetooth[®] Low Energy



The WristOx₂ Model 3150 Pulse Oximeter - Now with Bluetooth Low Energy (BLE)

Engineered with Nonin Medical's proven PureSAT[®] SpO₂ technology, the WristOx₂ Model 3150 with Bluetooth[®] Low Energy (BLE) delivers highly accurate readings in the widest range of patient populations and settings. The WristOx₂ Model 3150 with BLE 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 WristOx₂ Model 3150 with BLE features improved performance and reporting capabilities, including enhanced connectivity and increased memory storage. The 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.

WristOx₂® Model 3150 with BLE

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 oximetry reporting available when used with nVISION® data management software
- **Convenient Data Transfer** – Transfer data securely and wirelessly to Nonin Connect (available on the Apple Store) or, transfer data securely to nVISION® via USB connection
- **WristOx₂ Sensor Line** – The WristOx₂ sensors are exclusively designed for use with WristOx₂



Added Benefits

Versatility – The WristOx₂ Model 3150 is an ideal choice for multiple applications where small, portable oximetry is needed

Powerful Battery – 44 hours of battery life

Simple Data Verification – The 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

Available in Two Configurations

- **Single Unit** – Assembly includes sensor of choice and wristband
- **Starter Kit** – Assembly includes sensor of choice, three wristbands, USB download cable, and nVision data management software

Sensor Options

- 8000J-WO2 Adult Flex Sensor
- 8000AA-WO2 Clip Sensor
- 8000SS-WO2 Small Soft Sensor
- 8000SM-WO2 Medium Soft Sensor
- 8000SL-WO2 Large Soft Sensor

Additional Accessories

Additional accessories may be ordered separately

- 3150WB – Wristband
- 3150I – Adapter cable (for compatibility with all Nonin PureLight® sensors)
- nVISION data management software
- 3150SC – PC USB interface cable
- WristOxCC – WristOx₂ carrying case



3150SC - USB interface cable

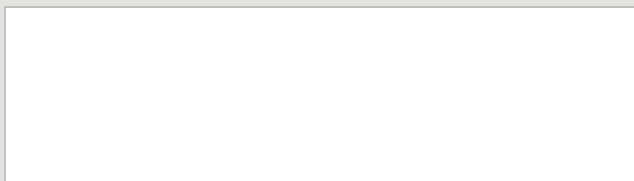
Specifications

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 ₂)	.....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 ₂ ±1 A _{mb})*	.....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 13,123 feet (4,000 meters)
Hyperbaric Pressure	.....Up to 4 atmospheres
Power Requirements	.....Two 1.5V alkaline AAA batteries
Battery Life	
Operating with Bluetooth®	.....44 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_{mb} encompasses approximately 68% of the population.
 ** Refer to the operator's manual for additional accuracy specifications.
 *** As tested with Soft Sensor Series.
 Quality systems registered to ISO 13485

Specifications are subject to change without notice.

Authorized Distributor:



©2018 Nonin Medical, Inc. All trademarks are the property of Nonin Medical, Inc. unless otherwise noted.
 Bluetooth is a registered trademark of Bluetooth SIG, Inc.
 M#18-030-01

Nonin Medical, Inc.
 13700 1st Avenue North
 Plymouth, MN • 55441-5443 • U.S.A.
Tel: +1.763.553.9968 1.800.356.8874
Fax: +1.763.577.5521
E-mail: info@nonin.com

Nonin Medical B.V.
 Prins Hendriklaan 26
 1075 BD Amsterdam • Netherlands
Tel: +31 (0)13-79 99 040
Fax: +31 (0)13-79 99 042
E-mail: infointl@nonin.com

nonin.com

