Engineered with Nonin Medical’s proven PureSAT® SpO₂ technology, the WristOx™, Model 3150 delivers highly accurate readings in the widest range of patient populations and settings. From the hospital to the home, the WristOx™, 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™, 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.
WristOx™, 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 overnight sleep reporting available when used with nVISION® data management software
- **Convenient Data Transfer** – Transfer data securely to nVISION® via Bluetooth wireless or USB connection
- **New Sensor Line** – The new WristOx sensors are exclusively designed for use with the new WristOx™, Model 3150

**Added Benefits**

- **Versatility** – The WristOx™, 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® Pulse Oximetry Technology** – Fast and accurate response for capturing events in challenging conditions such as motion and low perfusion

**Select Your Options**

- 3150WB - Reusable or disposable wristbands available in 6", 8", 10" and 13" lengths or wristband extension 5" (3150WBE)
- 31501 - Adapter cable (for compatibility with all Nonin PureLight® sensors)
- nVISION data management software
- 3150SC - PC USB interface cable
- 3100CC - WristOx, carrying case

**Available in Two Configurations**

WristOx, (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**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (without sensor or strap)</td>
<td>56 mm (2.2&quot;) wide x 74 mm (2.91&quot;) high x 20 mm (.79&quot;) thick</td>
</tr>
<tr>
<td>Weight (with batteries and wrist strap)</td>
<td>71 grams (2.5 oz)</td>
</tr>
<tr>
<td>Oxygen Saturation Range (%SpO2)</td>
<td>0% to 100%</td>
</tr>
<tr>
<td>Pulse Rate Range</td>
<td>18 to 321 pulses per minute</td>
</tr>
<tr>
<td>Displays</td>
<td>Numeric Displays 3-digit Indicators, Pulse Indicator Pulse Strength Bar graph</td>
</tr>
<tr>
<td>Accuracy</td>
<td>Blood Oxygen Saturation (%SpO2 +1 Aequiv) 70 - 100%, Non-motion ± 2 digits, Low perfusion ± 2 digits, Motion ± 3 digits, Pulse Rate (in all 3 listed above) ± 3 digits</td>
</tr>
<tr>
<td>Temperature</td>
<td>Operating -23° to +104°F (-5° to +40°C), Storage/Transportation -40° to +58°F (-40° to +7°C)</td>
</tr>
<tr>
<td>Humidity</td>
<td>Operating 10% to 95% noncondensing, Storage/Transportation 10% to 95% noncondensing</td>
</tr>
<tr>
<td>Altitude</td>
<td>Operating Altitude Up to 40,000 feet (12.192 meters), Hyperbaric Pressure Up to 4 atmospheres</td>
</tr>
<tr>
<td>Battery Life</td>
<td>Operating without Bluetooth 48 Hours Minimum, Operating with Bluetooth 24 Hours Minimum, Storage 9 months</td>
</tr>
<tr>
<td>Memory</td>
<td>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</td>
</tr>
<tr>
<td>Classifications per IEC 60601-1</td>
<td>Up to 270 hours @ 1 sec, data storage rate</td>
</tr>
</tbody>
</table>

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