Wearable Oximetry for the Ambulatory Patient

NONIN’s WristOx® 3100 is a small, lightweight pulse oximeter designed to be worn comfortably on the patient’s wrist. Ideal for monitoring daily activities and for overnight studies, the compact design of the WristOx is intended to give the patient greater freedom while improving patient compliance. With impressive battery life, powerful memory, and NONIN’s proven accuracy - the WristOx provides a cost effective solution for both long and short term monitoring. Simply slip the WristOx onto your patient’s wrist and begin monitoring SpO₂ and Pulse Rate instantly. Right out of the box in the spot-check mode, the WristOx is a powerful tool: to complete the picture, add nVISION® software and enable advanced WristOx features.

Product Highlights

✓ Small - Fits comfortably on the patient’s wrist
✓ Versatile - Ideal for short or long term monitoring applications
✓ Powerful - 24 hours of battery life and 33 hours of non-volatile memory
✓ Easy-to-Use - Simply plug in the sensor and go; large easy-to-read LCD
✓ Expandable - Advanced features available when used with nVISION
✓ Durable - 3-year warranty
✓ Compatible - Works with NONIN’s full line of PureLight® sensors

Where People Make the Difference
Combining the WristOx with NONIN’s nVISION® Data Management Software will unleash the full power of your wrist oximeter. nVISION is a Windows®-based software application which provides data analysis and report generation when used with NONIN’s memory products. Purchase nVISION with your WristOx and enjoy advanced features such as:

- **Sensor Activation Mode** (sensor connect/disconnect turns WristOx On/Off)
- **Programmed Mode** (for pre-programming up to 3 separate Start/Stop times)
- **Set Date, Time and Patient ID**
- **Set Patient Data Storage Rate** (for choosing trend resolution)
- **Choose a Full or Partial Display** (turns off SpO2 and Pulse Rate display for anxious patients)
- **Clear Memory**
- **Access 33 Hours of Stored Data** (for sleep studies or ambulatory monitoring)

**Advanced Features with nVISION®**

Versatility

The WristOx® 3100 is an ideal choice for multiple applications.

**Hospital**

Cardiopulmonary Rehabilitation - Six-Minute Walk Assessment, Long Term Oxygen Therapy (LTOT) Monitoring, Sleep Labs - Pre and post PSG Studies, Adult & Pediatric pre-surgical assessments

Step Down Units - Ambulatory Monitoring

**Physician Office**

LTOT Monitoring - Oxygen Certification/Recertification, Oxygen Titration, Overnight Studies, Pre-Surgical Assessments

**Nursing Home**

LTOT Monitoring - Patient Assessment, Oxygen Certification/Recertification, Oxygen Titration

**Select Your Options**

- 8000J-WO Adult Flex Sensor
- N-cell Batteries (box of 24)
- Reusable Wristbands (pack of 10)
- 5-inch Reusable Extender Bands (pack of 10)
- Adapter Cable (for compatibility with all NONIN PureLight® sensors)
- nVISION Data Management Software
- PC Interface Cable
- WristOx Carrying Case

Please contact your authorized distributor for more information.

**Specifications**

**Oximeter**

- Oxygen Saturation Range (%SpO2): 0% to 100%
- Pulse Rate Range: 10 to 300 pulses per minute
- Displays:
  - Numeric Displays: 3-digit Indicators
  - Pulse Indicator: Pulse Strength Bargraph
- Accuracy:
  - Blood Oxygen Saturation (%SpO2) ± 4% SD
  - Pulse Rate: ±3%
- Temperature:
  - Operating: +32°F to +104°F (+0°C to +50°C)
  - Storage/Transportation: +14°F to +122°F (-10°C to +50°C)
- Humidity:
  - Operating: 10% to 90% noncondensing
  - Storage/Transportation: 10% to 95% noncondensing
- Altitude:
  - Operating Altitude: Up to 40,000 feet
  - Hyperbaric Pressure: Up to 4 atmospheres
- Power Requirements:
  - Two 1.5 alkaline N-cell batteries
- Battery Life:
  - Operating: Minimum 24 hours of continuous operation
  - Storage: 9 months
- Dimensions (without sensor or strap):
  - Width: 1.75" x 2" x .75"
  - 4.445 cm x 5.08 cm x 1.905 cm
- Weight (without batteries or wrist strap):
  - 0.88 ounces (24.95 g)
- Memory:
  - Type: Nonvolatile
  - Capacity:
    - 33 hours @ 4 sec. data storage rate
    - 16 hours @ 2 sec. data storage rate
    - 8 hours @ 1 sec. data storage rate
- Warranty: 3 years

**Specifications per IEC 60601-1/CSA601.1/UL2601-1**

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

* ±1 Standard Deviation encompasses 68% of the population.


Specifications are subject to change without notice.

**Your Partner of Choice**

With over 20 years of experience and dedication to the design and support of noninvasive monitoring devices, NONIN has helped many medical professionals meet clinical and economic objectives. Trusted by clinicians worldwide, countless tests are performed every day on thousands of NONIN pulse oximeters in more than 125 countries. NONIN’s dedication to technological leadership, precision manufacturing and uncompromised customer support ensures quality products and service you expect.

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