PalmSAT® 2500 Series

Handheld Pulse Oximeter

Proven Performance in Real World Applications

PalmSAT® – the next generation in handheld pulse oximetry – small yet versatile digital pulse oximeters designed to accurately assess oxygen saturation and pulse rate. The compact size, ease of operation, exceptional battery life and choice of alarm or non-alarm versions make the PalmSAT 2500 Series ideal for your portable monitoring needs – regardless of the patient’s location.
PalmSAT® 2500 Series

Product Highlights

- **Choice** – Alarm and non-alarm versions
- **Simple** – Easy, two-button operation
- **Battery Life** – 2500: 80 hrs; 2500A: 60 hrs
- **Memory** – 72 hours of data storage
- **Flexible** – 4 AA batteries, rechargeable batteries or AC power with charger stand
- **Compact Size** – 7.5-oz unit for easy handling

Nonin has combined advanced technology and algorithms based on years of invaluable clinical experience to provide a wide range of functions. The functionality of the PalmSAT 2500 Series also makes it useful for an array of medical locations and applications:

- Hospitals
- Same-Day Surgery
- Pre- and Post-Op
- Emergency Services
- Procedure Rooms
- Transport
- Urgent Care screening
- Physicians Offices
- Sleep Studies – basic overnight
- Dental and Oral Surgery

Nonin’s optional Windows®-based software package, nVISION®, permits the seamless transfer of all stored data from 72 hours of memory to a PC for further analysis, comprehensive report generation and storage.

1000USB Adapter & 1000USB-C (Continua Certified)

Nonin Medical’s 1000USB adapter enables fast and convenient download of secure data to a receiving device such as a personal computer, and a patient sensor for data collection and transfer.

**Accessories**

Many options allow you to customize the PalmSAT 2500 Series to meet your application needs.

- PureLight® Sensors
- PalmSAT Charger Stand & NiMH Battery Pack
- nVISION Data Management Software
- PC Interface Cable
- Carrying Case

Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
<td>7.0 cm (2.8&quot;) W x 13.8 cm (5.4&quot;) H x 3.2 cm (1.3&quot;) D</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>210 grams (7.4 oz) (with alkaline batteries)</td>
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<tr>
<td><strong>Warranty</strong></td>
<td>3 years</td>
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<tr>
<td><strong>Saturation Display Range</strong></td>
<td>0 – 100% SpO₂</td>
</tr>
<tr>
<td><strong>Pulse Rate Display Range</strong></td>
<td>18 – 321 beats per minute (BPM)</td>
</tr>
<tr>
<td><strong>Sensitivity</strong></td>
<td>70 – 100%</td>
</tr>
<tr>
<td><strong>Power Requirements</strong></td>
<td>Four 1.5V AA-size alkaline batteries (2500: 80 hours typical operation; 2500A: 60 hours typical operation) or NiMH rechargeable battery pack (40 hours typical operation)</td>
</tr>
<tr>
<td><strong>Hyperbaric Pressure</strong></td>
<td>Up to 4 atmospheres</td>
</tr>
<tr>
<td><strong>Degree of Protection</strong></td>
<td>Type BF-Applied Part</td>
</tr>
<tr>
<td><strong>Degree of Ingress Protection</strong></td>
<td>IPX2</td>
</tr>
<tr>
<td><strong>Altitude</strong></td>
<td>Operating: Up to 4,000 meters (13,123 feet)</td>
</tr>
<tr>
<td><strong>Temperature</strong></td>
<td>Operating: -20 to +50°C (-4 to +122°F)</td>
</tr>
<tr>
<td><strong>Storage/Transportation</strong></td>
<td>Storage/Transportation: -40 to +70°C (-4 to +158°F)</td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>Operating: 10 – 95% noncondensing</td>
</tr>
<tr>
<td><strong>Input Power</strong></td>
<td>1075 BD Amsterdam • Netherlands</td>
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</tbody>
</table>

**Specifications are subject to change without notice.**

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