PERFORMANCE ON THE GO

Covidien embedded OxiMax technology in its most popular hand-held oximeter to create the Nellcor N-65 portable pulse oximeter. This hand-held oximeter is effective for a broad range of patients and stands up to difficult monitoring conditions, such as low perfusion and signal interference that can hamper other hand-holds. Compatibility with the innovative Nellcor™ sensors, including the SpO₂ forehead sensor and the nonadhesive sensor, further expands the versatility of the Nellcor N-65 pulse oximeter with OxiMax technology.

The small and lightweight Nellcor N-65 portable pulse oximeter is convenient for continuous monitoring or spot checks in physician offices or clinics, EMS/transport or in acute care settings. Its ergonomic shape and simple keypad make it easy to handle and operate. Wherever you need accurate, reliable SpO₂ measurements, count on the Nellcor N-65 portable pulse oximeter to meet the challenge.
NELLCOR™ SENSORS—A SMART CHOICE

The extensive family of single-patient use, reusable and specialty Nellcor sensors from Covidien lets you make the best choice for each patient. For example, the Nellcor™ SpO₂ forehead sensor is a more effective monitoring option than finger sensors during low perfusion because the forehead is not prone to vasoconstriction.2,3 The SpO₂ forehead sensor also offers an alternative when the hands are not accessible. Nellcor™ nonadhesive sensors, which fit securely without adhesives, are a smart choice for patients with fragile skin, such as geriatric or burn patients.4,5

PATIENT ASSESSMENT

As patients move to other areas of care, clinicians can view the alarm data from Nellcor™ stand-alone and multiparameter monitors to quickly assess the frequency and severity of desaturation events.

FEATURES AND SPECIFICATIONS

DESCRIPTION

The Nellcor™ N-65 portable pulse oximeter with OxiMax™ technology is intended for noninvasive continuous or spot check measurement of functional oxygen saturation of arterial hemoglobin (SpO₂). It can be used with adult, pediatric and neonatal patients, and is compatible with the complete line of Nellcor sensors. The monitor comes with four AA-size alkaline batteries.

PERFORMANCE

Display Range

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>SpO₂</td>
<td>0%–100%</td>
</tr>
<tr>
<td>Pulse rate</td>
<td>20–250 bpm</td>
</tr>
</tbody>
</table>

Accuracy

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturation (%)</td>
<td>± 1 SD:</td>
</tr>
<tr>
<td>Low perfusion</td>
<td>70% to 100% ± 2</td>
</tr>
<tr>
<td>Pulse rate</td>
<td>20 to 250 bpm ± 3</td>
</tr>
</tbody>
</table>

POWER

Requirements

- 6 volts supplied by four AA-size batteries

Battery Life

- Alkaline: 19 hours (typical)
- Lithium: 40 hours (typical)

ENVIRONMENTAL

Storage/Shipping Temperature

-4°F to 158°F (-20°C to 70°C)

Operating Temperature

41°F to 104°F (5°C to 40°C)

Operating Altitude

-1,254 ft to 9,882 ft (-382 m to 3,012 m)

Relative Humidity

15% to 95% noncondensing

PHYSICAL CHARACTERISTICS

Size

2.8 x 6.2 x 1.4 (inches)

(7.3 cm x 15.8 cm x 3.5 cm)

Weight (with batteries)

0.65 lb (0.29 kg)

Standards

- EN60601-1-2: 2001 (CISPR 11, Class B)
- EN60601-1-1: 1990 (A1+A2)
- UL 60601-1, CAN/CSA C22.2 No. 601.1 (Class: Internally Powered, Type BF)
- EN60601-1-8
- EN865

Displays

- Oxygen saturation, pulse rate, vertical bar graph

Indicators

- Pulse amplitude, pulse search, low battery, alarm silence, interference, data in sensor, sensor disconnect, print

Optional Accessories

- Protective boot (three color options)
- Moisture-resistant jacket
- Carrying case
- Citizen portable infrared printer

References

1. FDA 510(k).