



## Nellcor™ OxiMax™ N-65™ Hand-Held Pulse Oximeter

Nellcor™  
Puritan Bennett™  
Airox™  
Mallinckrodt™  
DAR™  
Shiley™

### CAPABLE AND CONVENIENT

- The Nellcor OxiMax N-65 offers accurate and reliable performance in monitoring conditions of low perfusion and signal interference<sup>1</sup>
- Compatible with complete line of Nellcor OxiMax sensors
- Audible and visible alarms
- Bright blue, backlit display is easy to see, night or day
- Long battery life: 19 or 40 hours depending on battery type

### PERFORMANCE ON THE GO

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

The small and lightweight OxiMax N-65 hand-held 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 SpO<sub>2</sub> measurements, count on the OxiMax N-65 hand-held pulse oximeter to meet the challenge.



## PATIENT ASSESSMENT

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

## NELLCOR™ OXIMAX™ SENSORS— A SMART CHOICE

Covidien's extensive family of single-patient use, reusable and specialty Nellcor™ Oximax™ sensors lets you make the best choice for each patient. For example, the Oximax Max-Fast™ forehead sensor is a more effective monitoring option than finger sensors during low perfusion because the forehead

is not prone to vasoconstriction.<sup>2,3</sup> The Max-Fast sensor also offers an alternative when the hands are not accessible. Oximax SoftCare™ nonadhesive sensors, which fit securely without adhesives, are a smart choice for patients with fragile skin, such as geriatric or burn patients.<sup>4,5</sup>

## FEATURES AND SPECIFICATIONS

### DESCRIPTION

The Oximax N-65 hand-held pulse oximeter is intended for noninvasive continuous or spot check measurement of functional oxygen saturation of arterial hemoglobin (SpO<sub>2</sub>). It can be used with adult, pediatric and neonatal patients, and is compatible with the complete line of Oximax sensors. The monitor comes with four AA-size alkaline batteries.

### PERFORMANCE

#### Display Range

SpO<sub>2</sub>: 0%–100%  
Pulse rate: 20–250 bpm

#### Accuracy

Saturation (% SpO<sub>2</sub>): ± 1 SD):  
Low perfusion: 70% to 100% ± 2 digits  
Pulse rate:  
Low perfusion: 20 to 250 bpm ± 3 digits

### 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: 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

1. FDA 510(k).

2. Bebout DE, Mannheim PD, Wun C-C. Site-dependent differences in the time to detect changes in saturation during low perfusion. *Crit Care Med.* 2001;29(12):A115.

3. MacLeod DB, Cortinez LI, Keifer JC, et al. The desaturation response time of finger pulse oximeters during mild hypothermia. *Anaesthesia.* 2005;60(1):65-71.

4. Gertsman D, Haskell R, Berg R, et al. Sensors and pulse oximetry accuracy. In: Abstracts of the Pediatric Academic Societies. 2005;(57):2193.

5. Hawkins S. For neonates, beauty is only skin deep. *Neonatal Intensive Care - Journal of Perinatology.* 2003;16(4):17-21.

Refer to the Oximax N-65 operator manual for complete description, instructions, warnings, cautions and specifications. Specifications subject to change without notice. COVIDIEN, COVIDIEN with logo, Covidien logo and *positive results for life* are U.S. and/or internationally registered trademarks of Covidien AG. All other brands are trademarks of a Covidien company. © 2010 COVIDIEN. All rights reserved. 09-PM-6571 MN 04505



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