

# NELLCOR® OxiMAX® N-65™ HANDHELD PULSE OXIMETER

PERFORMANCE ON THE GO.

We added our latest technology to our most popular handheld oximeter to create the *OxiMax N-65™* handheld 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, including motion, that can hamper other handhelds. Compatibility with our innovative *OxiMax* sensors, including the *MAX-FAST®* forehead sensor and *SoftCare™* nonadhesive sensor, further expands its versatility.

The small and lightweight *OxiMax N-65* handheld 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* handheld pulse oximeter to meet the challenge.



#### CAPABLE AND CONVENIENT

- The *OxiMax N-65* offers accurate and reliable performance in monitoring conditions of low perfusion and signal interference.
- Compatible with complete line of *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.



## OXIMAX SENSORS—A SMART CHOICE

Nellcor's extensive family of single-patient-use, reusable and specialty *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. 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.

### PATIENT ASSESSMENT TOOL

Sensor Event Report\* is a unique *OxiMax* feature that allows patient alarm events to be recorded within the *OxiMax* sensor while using the *OxiMax N-65* handheld pulse oximeter.

- As patients move to other areas of care, clinicians can view the alarm data from *OxiMax* standalone and multi-parameter monitors to quickly assess the frequency and severity of desaturation events.
- This feature is ideal for patients being transferred from EMS to hospital settings where *OxiMax* systems are used.

\* This feature is only available in single-patient-use *OxiMax* sensors.

### FEATURES AND SPECIFICATIONS

#### DESCRIPTION

The *OxiMax N-65* handheld 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 Nellcor *OxiMax* sensors. The monitor comes with four AA-size alkaline batteries and a reusable *OxiMax* sensor.

#### 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 V 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 (3 color options)
- Moisture-Resistant Jacket
- Carrying Case
- Citizen Portable Infrared Printer

Adult specifications are shown for the *OxiMax* MAX-A and MAX-N sensors with the *OxiMax N-65* pulse oximeter. Neonate specifications are shown for MAX-N sensors with the *OxiMax N-65* pulse oximeter. Saturation accuracy will vary by sensor type. Refer to Nellcor's Sensor Accuracy Grid Card for details. Refer to the *OxiMax N-65* operator's manual for complete description, instructions, warnings, cautions and specifications. Specifications are subject to change without notice.



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