



COVIDIEN

*positive results for life™*

Nellcor™

## Bedside SpO<sub>2</sub> Patient Monitoring System

### SIMPLE SET UP AND MAINTENANCE

The Nellcor™ Bedside SpO<sub>2</sub> Patient Monitoring System allows the hospital's biomedical engineers and technicians to simply and effectively set institutional defaults as well as easily replace the battery, perform diagnostics to troubleshoot performance issues and generally maintain the monitor within the hospital. Additionally, the new system meets medical electrical equipment standards and is RoHS compliant.

### NELLCOR BEDSIDE SPO<sub>2</sub> PATIENT MONITORING SYSTEM OXIMETER FEATURES

- Simple, intuitive operation and space-saving design.
- Distinctive digital signal processing technology from Covidien.
- Variable pitch beep tone which enables clinicians to hear point-by-point changes in SpO<sub>2</sub>.
- Five-hour battery life with an optional ten-hour battery.
- 96-hour trend memory captured every four seconds.
- Patient trend data can be stored on a PC for archive and analysis.
- Easy-to-use jog dial for simple navigation and control of the display and monitoring system functions.
- Compact, portable, lightweight, durable, easy-to-transport design with a built-in handle.
- Multiple-language graphical user interface.
- Capable of displaying plethysmographic waveforms, pulse amplitude, and current measured SpO<sub>2</sub> and pulse rate.
- Multicolor display screen with a black background which provides ideal contrast.
- Back-up audible alarm.
- On-screen help messages to assist the user in the use of the monitor.

### MONITOR WITH CONFIDENCE

The Nellcor™ Bedside SpO<sub>2</sub> Patient Monitoring System incorporates the latest Nellcor digital signal processing technology for accurate, reliable readings even during low perfusion and other forms of signal interference, providing clinicians with access to the most critical information regarding their patients' respiratory status. With improved functionality, including continuous SpO<sub>2</sub> and pulse rate monitoring, trending data and SatSeconds alarm management, clinicians can feel confident in the ability to detect respiratory complications earlier and intervene sooner.

**Compact. Affordable. Intuitive.** The Nellcor Bedside SpO<sub>2</sub> Patient Monitoring System offers a compact, bedside design with improved functionality, built in handle and an intuitive, easy-to-use and easy-to-read, color user interface, making it simpler for clinicians to review and download critical patient data. Save time and space with this easy-to-use patient monitoring system.

## FEATURES AND SPECIFICATIONS

### PERFORMANCE

#### Measurement Range

SpO<sub>2</sub>: 1% to 100%

Pulse rate: 20 to 250 beats per minute (bpm)

Pulse amplitude: 0.03% to 20%

### ACCURACY

Saturation (% SpO<sub>2</sub> ± 1 SD)

**Adult:** 70% to 100% ± 2 digits

**Neonate:** 70% to 100% ± 3 digits

**Low perfusion:** 70% to 100% ± 2 digits

**Pulse rate:** 20 to 250 bpm ± 3 digits

**Low perfusion:** 20 to 250 bpm ± 3 digits

### ELECTRICAL

#### Instrument

**Power requirements:** 100 to 240 VAC, 50/60Hz, 45 VA

**Fuse rating:** Fast-acting 2A 32VAC/DC, Fast-acting 500mA 32VAC/50DC

#### Battery

**Type:** Li-Ion

**Battery capacity:** Minimum of 5 hours using new, fully charged battery with no alarms

### ENVIRONMENTAL

#### Operating Temperature

**Instrument:** 5°C to 40°C (41°F to 104°F)

#### Transport/Storage Temperature (in shipping carton):

-20°C to 60°C (-4°F to 140°F)

#### Operating Humidity

15% to 93% noncondensing

#### Operating Altitude

-170 m to 4877 m (-557 ft to 16,000 ft)

### PHYSICAL CHARACTERISTICS

#### Weight

1.6 kg (3.5 lbs)

#### Size

82 H x 255 W x 165 D (mm)

(3.23 H x 10.04 W x 6.50 D (in))

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## EQUIPMENT COMPLIANCE

### STANDARDS COMPLIANCE

EN ISO 9919:2009, EN ISO 80601-2-61:2011

EN IEC 60601-1:2005

EN IEC 60601-1-2:2nd edition

EN IEC 60601-1:1998 + A1:1991 + A2:1995

EN 60601-1:1990 + A11:1993 + A12:1993 + A13:1996

CAN/CSA C22.2 No. 601.1 M90

UL 60601-1: 1st edition

### EQUIPMENT CLASSIFICATIONS

**Type of protection against electric shock:** Class 1 (internally powered)

**Degree of protection against electric shock:** Type BF - Applied part

**Mode of operation:** Continuous

**Electromagnetic compatibility:** IEC 60601-1-2:2007

**Liquid ingress:** IPX2

**Degree of safety:** Not suitable for use in the presence of flammable anesthetics

### OUTPUT

Trend data download

Nurse call capability

### DISPLAY/INDICATORS

Pulse amplitude indicator (8-segments)

**Visual indicators:** Pulse search, audible alarms silenced or off, interference indicator, battery charging, and SatSeconds alarm management clock, Pleth

### ALARMS

Audible and visual alarms for high/low saturation and pulse rate

SatSeconds Alarm Management settings: 10, 25, 50 and 100, or OFF

Audible and visual warning indicators for low battery and sensor off

Audible and visual sensor disconnect alarms

### OPTIONAL ACCESSORIES

Mounting adapter

Interface cables

10 hour battery

### ORDERING INFORMATION

Description	Catalog No.
Nellcor Bedside SpO <sub>2</sub> Patient Monitor with Power Cable	10005941SG

Available at:

**XAVIER Med PVT. LTD.**  
1-10-51/2, Road 6B, Dwarakapuram,  
Dilsukhnagar, Hyderabad - 500060  
[www.buyxavier.com](http://www.buyxavier.com)  
**Customer Care: 8008895680,**  
**Service: 8008895079**

COVIDIEN  
PRIVATE LIMITED

103 PENANG ROAD  
#10-01 VISIONCREST  
COMMERCIAL  
SINGAPORE 238467

[WWW.COVIDIEN.COM](http://WWW.COVIDIEN.COM)