



We Serve, You Cure

AMS Solutions Inc.



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Solutions Inc.

Your Respiratory Partner

NELLCOR OXIMAX N-560

Monitor with confidence.

The Nellcor™ OxiMax N-560 pulse oximeter from Covidien is a compact, affordable bedside monitor that delivers full-size performance. It incorporates the latest Nellcor™ signal processing technology for accurate, reliable SpO2 and pulse rate measurements even in conditions of low perfusion and signal interference, including patient motion. This technology, along with the full line of versatile OxiMax sensors, allows clinicians to confidently and effectively monitor a wide range of patients.



FEATURING LOSAT EXPANDED ACCURACY

The LoSat expanded accuracy feature of our OxiMax adhesive sensors assures you of a wide accuracy range (60% to 100% SpO2) when used with the Nellcor OxiMax N-560 pulse oximeter. This allows improved patient assessment at the more challenging lower saturation levels common in infants with congenital heart disease.

NELLCOR™ OXIMAX N-560 PULSE OXIMETER FEATURES

- Monitors neonates through adults
 - Simple, intuitive operation and space-saving design.
 - The Covidien distinctive digital signal processing technology enhances performance during low perfusion, patient motion and other forms of signal interference.
 - Variable pitch beep tone enables clinicians to hear point-by-point changes in SpO2
 - Display changes from green to red during alarms.
 - Eight-hour battery life.
 - 24-hour trend memory
 - Optional paging system supplements bedside and central station alarms to reduce response time.
- Integrated Score analysis functionality stream lines in-hospital sleep screening.

NELLCOR™ OXIMAX SENSOR ADVANTAGES

As part of the Covidien Nellcor™ OxiMax pulse oximetry system, the OxiMax N-560 pulse oximeter works with the full line of OxiMax sensors, which help expand your patient monitoring options.

- OxiMax SpO2 forehead sensor offers improved performance when patients have low perfusion.
- OxiMax nonadhesive sensors provide a gentle, single-patient-use alternative to adhesive sensors for patients with fragile skin.

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PERFORMANCE

Measurement range

SpO ₂ :	1% to 100%
Pulse rate:	20 to 250 beats per minute (bpm)
Pulse amplitude:	0.03% to 20%

Accuracy

Saturation (% SpO₂ ± 1 SD)

Adult:	70% to 100% ± 2 digits 60% to 80% ± 3 digits
Neonate:	70% to 100% ± 2 digits 60% to 80% ± 4 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, 25 to 39 VA
Fuse rating:	Qty 2, 2A, 250 volts, slow-blow IEC (5x20 mm)

Battery

Type:	NiMH
Battery capacity:	Minimum of 8 hours using new, fully charged battery with no alarms, no serial data

PHYSICAL CHARACTERISTICS

Weight	3.07 lb (1.39 kg)
Size	2.95 H x 9.06 W x 5.04 D (inches) (7.5 cm x 23.0 cm x 12.8 cm)
Equipment	IEC 60601-1 IPX1 CSA 601.1 ISO 9919:2005 UL 2601-1 EN/IEC 60601-1-2 (2nd ed.)

FEATURES & SPECIFICATIONS

Emissions compliance

EN55011, Group 1, Class B

Output

- EIA-232 digital output from serial port
- OxiNet Communications Output Protocol
- Nurse call capability

Display/indicators

- High quality LED display changes from green to red during alarm conditions.
- Pulse amplitude indicator (10-segment LED).
- Visual indicators: Pulse search, audible alarms silenced or off, interference indicator, battery charging, data in sensor and Nellcor™ SatSec onds alarm management clock.

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 sensor disconnect alarm.

Optional accessories

- GCX mounting adapter
- Pole mount clamp
- Interface cables
- Visual alarm indicator

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