Introducing the OxIMAX™ Oximetry System

Nellcor® N-595 Pulse Oximeter

A NEW WAY OF COMMUNICATING
A BETTER WAY OF MONITORING

SAT SECONDS ALARM MANAGEMENT

The N-595 Pulse Oximeter lets you take advantage of Nellcor’s innovative SatSeconds™ Alarm Management. This feature offers a safe, practical way to reduce nuisance alarms triggered by clinically insignificant desaturation events.

PERFORMANCE BEYOND EXPECTATIONS

Combine Nellcor’s best-in-class pulse oximetry performance with an extraordinary new pulse oximetry platform. The result is the Nellcor® N-595 Pulse Oximeter, the cornerstone of the OxIMAX™ Pulse Oximetry System.

The N-595 Gives You OxIMAX Power when used with Nellcor’s OxIMAX sensors. The N-595 monitor displays troubleshooting tips to aid caregivers as they apply the sensor. Clinicians can also access any alarm events that occurred while the sensor was on the patient for quick assessment after transport.

Be Certain.

tyco Healthcare

NELLCOR
Nellcor® N-595 Pulse Oximeter

Exceptional performance, even when challenged with patient motion, low perfusion/weak signal conditions or with environmental interference.

- Ideal for any environment; monitors neonates through adults.
- One-touch selection of adult or neonate alarm limits, and user-configurable power-on settings.
- Improved sound quality for the variable pitch beep tone, a feature that enables clinicians to hear point-by-point changes in SpO₂.
- On-screen viewing of 48 hours of SpO₂ and pulse rate trends taken at 4-second intervals.
- Prints graphical and tabular trends.
- Compatible with the full line of Nellcor OxiMax sensors.

Features and Specifications

PERFORMANCE

Measurement Range
- SpO₂: 1% to 100%
- Pulse rate: 20 to 250 beats per minute (bpm)
- Perfusion range: 0.03% to 20%

Accuracy
- Saturation (% SpO₂ ± 1 SD):
  - Without motion:
    - Adults: 70% to 100% ± 2 digits
    - Neonates: 70% to 100% ± 3 digits
    - Low perfusion: 70% to 100% ± 2 digits
    - 1% to 69%: unspecified
  - With motion:
    - Adults & Neonates: 70% to 100% ± 3 digits
    - 1% to 69%: unspecified

- Pulse rate:
  - Without motion: 20 to 250 bpm ± 3 digits
  - With motion: Normal physiologic range (e.g., 55 to 125 bpm) ± 5 digits
  - Low perfusion: 20 to 250 bpm ± 3 digits

ELECTRICAL

Instrument
- Power requirements: 100 to 120 VAC, 200 to 240 VAC, 50/60 Hz, 20 VA
- Fuse rating: 0.5 Amperes

Battery
- Type: Sealed lead-acid internal battery
- Battery capacity: Minimum of 2 hours using new, fully charged battery

ENVIRONMENTAL

Operating Temperature
- Instrument: 5°C to 40°C
- Transport/Storage Temperature (in shipping carton): -20°C to 70°C

Operating Humidity
- 15% to 95% noncondensing

Operating Altitude
- -390.1 m to 3,658 m

PHYSICAL CHARACTERISTICS

Weight: 2.6 kg
Size: 8.4 cm (H) x 26.4 cm (W) x 17.3 cm (D)

Equipment Classification
- IEC 60601-1
- EN865
- CSA 601.1
- EN/IEC 60601-1-2
- UL 2601-1 (2nd ed.)
- IPX1 Approved

Emissions Compliance
- EN65011, Group 1, Class B

Output
- EIA-232 and RS-422 digital output from serial port
- Nurse call capability
- Analog output (0-1V): SpO₂, pulse rate and plethysmographic waveform

Displays/Indicators
- High quality LCD graphical screen
- Plethysmographic waveform or magnified view ("big numbers" with pulse amplitude indicator).
- Visual indicators: Pulse search, audible alarms silenced or off, artifact indicator, low battery and battery charging, sensor off, sensor disconnect and SatSeconds 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
- Audible sensor disconnect alarm
- Displayed saturation and pulse rate alarm limits

Optional Accessories
- GCX mounting brackets
- Interface cables

GET A GREAT VIEW WITH THE N-595 MONITOR

- Bright blue, backlit LCD screen for ease of viewing.
- One-touch contrast adjustment.
- Flip feet allow you to adjust the angle for improved tabletop viewing.
- Choose to view "big numbers" or the plethysmographic waveform.

MULTIPARAMETER MONITOR INTERFACE

Compatible host monitors include:
- Agilent CMS and V24/26,
- Spacelabs PCMS, GE/Marquette Solar 7000 and 8000.

Benefits:
- Real-time patient information and true physiologic waveforms displayed on host system.
- Automatic upgrade of host system to OxiMax technology.

ALLY THROUGH OXI MAX

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