

Nellcor N-595

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PERFORMANCE

Measurement Range

SpO₂:

1% to 100%

Pulse rate:

20 to 250 beats per minute

Perfusion range:

0.03% to 20%

ACCURACY

Saturation :(% SpO₂ ± 1 SD)

70% to 100% :± 2 digits

60% to 80% :± 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 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:

Typically seven hours using new, fully charged battery

Charge time:

8-12 hours

PHYSICAL CHARACTERISTICS

Weight:

5.7 lb (2.6 kg)

Size:

3.3 in. H x 10.4 in. W x 6.8 in. D (8.4 cm x 26.4 cm x 17.3 cm)

Equipment Classification:

IEC 60601-1

EN865

CSA 601.1

IPX1

UL 2601-1

ISO 9919

EN/IEC 60601-1-2 (2nd ed.)

Emissions Compliance:

EN55011, 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

Visual indicators: Pulse search, audible alarms silenced or off, interference indicator, low battery and battery charging, battery fuel gauge, sensor off, sensor disconnect, data-in sensor and SatSeconds 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

Audible and sensor disconnect alarm and sensor-off alarm

Displayed saturation and pulse rate alarm limits

Backup speaker with escalating alarm tones

Optional Accessories:

[GCX mounting options](#)

[Interface cables](#)

[Carrying cases](#)

[Get the User Manual Here](#)