

LifeSense® II

WIDESCREEEN™ Capnography and Pulse Oximetry

NEW!

- Larger (17cm), color touchscreen display with brightness control
- Internal memory with USB
- Enhanced configuration options



Fast and Easy EtCO₂ and SpO₂ Monitoring

The LifeSense® II WIDESCREEEN™ capnograph/pulse oximeter offers proven PureSAT® SpO₂ and Nonin Medical's sidestream EtCO₂ technologies for a wide range of clinical settings for both intubated and non-intubated patients. Easy-to-use, accurate and cost-effective, LifeSense® II is perfect for SpO₂ and EtCO₂ monitoring of patients in and outside of the hospital, including procedural sedation, resuscitation, EMS transport and homecare.

LifeSense® II

Product Highlights

- Nonin PureSAT® SpO₂ technology
- Four-hour trending of pulse rate, SpO₂, respiration and EtCO₂
- Easy-to-use, large (17 cm), color touchscreen display
- 36-hour internal memory with USB port
- Adjustable alarm volume
- Configurable selections for language, units of measurement and alarms
- Industry-leading 3-year warranty



Options

Full Line of Infant to Adult Nonin PureLight® SpO₂ Sensors (Reusable and Disposable)



Full Range of Infant to Adult CO₂ Nasal Sampling Cannulas



Single-Use Disposable Moisture Trap and Filter



Carrying Case



Adjustable Mounting Clamp

Specifications

Dimensions: 200 (W) x 135 (H) x 50 (D) mm (7.9 x 5.3 x 2 inches)

Weight: 865 grams (1.9 lbs)

Warranty: 3 years

Power Data

Battery charger: 100 – 240 VAC, 50 – 60 Hz

Power consumption: 3.6 W with battery operation, 9 W with power supply

Input: 12 VDC, 1.5 A

Operation

Working temperature: 32° to 104°F (0° to 40°C)

Humidity: 15 – 93% (non-condensing)

Atmospheric pressure: 540 – 795 mmHg (720 – 1060 hPa)

Storage

Storage temperature: -40° to 158°F (-40° to 70°C)

Humidity: up to 93% (non-condensing)

Atmospheric pressure: Up to 4 atmospheres (83 – 3038 mmHg/110 – 405 hPa)

Pump

Pump flow: 75 ml/min

Flow accuracy: ±15 ml/min

Battery Data

Type: Lithium Ion internal battery, rechargeable

Battery capacity: Approximately 5 hours

Charging time: Approximately 9 hours or 2 hours for each hour of use

Capnography Measuring Data

Respiration range: 0 – 99 respirations/min

Respiration accuracy: 3 – 50 respirations/min ± 2, 51 – 60 respirations/min ± 3

EtCO₂/CO₂ range: 0 – 99 mmHg (0 – 13.2 kPa)

EtCO₂/CO₂ accuracy: ±0.2 kPa / ±2 mmHg, +8% of reading

(EtCO₂/CO₂ reading reaches its steady state accuracy

10 minutes after power up at room temperature)

Update frequency: Once every breath ("NO BREATH" alarm after 30 seconds)

Trend length: 4 hours; pulse rate, SpO₂, respiration and EtCO₂

Standards and Regulations

ISO 80601-2-61 Meets Professional Transport Requirements

ISO 80601-2-55 Meets Professional Transport Requirements

IEC 60601-1: 3rd edition, IEC 60601-1-2:2007, CSA C22.2

EN 1789 Road Ambulance

Pulse Oximeter Specifications

Displayed Oxygen Saturation Range (SpO₂) .. 0 to 100%

Displayed Pulse Rate Range 18 to 321 beats per minute (BPM)

Measurement Wavelengths*

Infrared: 660 nanometers @ 0.8 mW maximum average

Red: 910 nanometers @ 1.2 mW maximum average

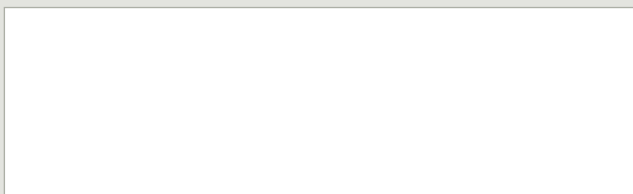
Saturation Accuracy (A_{ms})** 70 – 100%

Specifications are subject to change without notice.

* This information is especially useful for clinicians performing photodynamic therapy

**±1 Arms represents approximately 68% of measurements

Authorized Distributor:



Nonin Medical, Inc.

13700 1st Avenue North

Plymouth, MN • 55441-5443 • U.S.A.

Tel: +1.763.553.9968 1.800.356.8874

Fax: +1.763.577.5521

E-mail: info@nonin.com

nonin.com

Nonin Medical B.V.

Prins Hendriklaan 26

1075 BD Amsterdam • Netherlands

Tel: +31 (0)13-79 99 040

Fax: +31 (0)13-79 99 042

E-mail: infointl@nonin.com

