

# LifeSense® II

## WIDESCREEN™ Capnography and Pulse Oximetry



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



## Fast and Easy EtCO<sub>2</sub> and SpO<sub>2</sub> Monitoring

The LifeSense® II WIDESCREEN™ capnograph/pulse oximeter offers proven PureSAT® SpO<sub>2</sub> and Nonin Medical's sidestream EtCO<sub>2</sub> 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 SpO<sub>2</sub> and EtCO<sub>2</sub> monitoring of patients in and outside of the hospital, including procedural sedation, resuscitation, EMS transport and homecare.

# LifeSense® II

## Product Highlights

- Nonin PureSAT® SpO<sub>2</sub> technology
- Four-hour trending of pulse rate, SpO<sub>2</sub>, respiration and EtCO<sub>2</sub>
- 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® SpO<sub>2</sub> Sensors (Reusable and Disposable)



Full Range of Infant to Adult CO<sub>2</sub> 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

EtCO<sub>2</sub>/CO<sub>2</sub> range: ..... 0 – 99 mmHg (0 – 13.2 kPa)

EtCO<sub>2</sub>/CO<sub>2</sub> accuracy: ..... ±0.2 kPa / ±2 mmHg, +8% of reading

(EtCO<sub>2</sub>/CO<sub>2</sub> 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, SpO<sub>2</sub>, respiration and EtCO<sub>2</sub>

### 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 (SpO<sub>2</sub>)** ..... 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

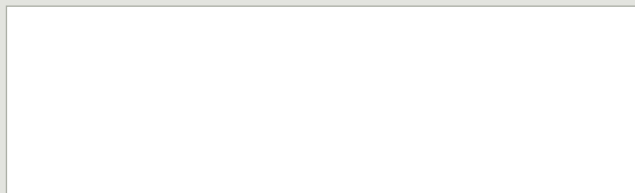
**Saturation Accuracy (A<sub>rms</sub>)\*\*** ..... 70 – 100%

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:



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