

LifeSense®

WIDESCREEN™ Capnography and Pulse Oximetry



Fast and Easy EtCO₂ and SpO₂ Monitoring

The LifeSense® WIDESCREEN™ touch-panel display monitor offers proven PureSAT® SpO₂ and MedAir™ sidestream EtCO₂ technologies for a wide range of clinical settings for both intubated and non-intubated patients. Portable, accurate and cost effective, LifeSense® is perfect for SpO₂ and EtCO₂ monitoring in low acuity areas in and outside the hospital setting.

Product Highlights

- WIDESCREEN™ touch-panel backlit LCD display
- Nonin PureSAT® SpO₂ technology
- MedAir EtCO₂ technology
- Numerical pulse rate and respiratory rate display
- Numerical EtCO₂ and SpO₂ display
- Four-hour trending of pulse rate, SpO₂, respiration and EtCO₂
- Capnograph and plethysmograph display
- Audible and visual alarms
- Data output via RS-232 port



Specifications

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

Weight: 800 grams (1.8 lbs)

Power Data

Battery charger: 100 – 240 VAC, 50 – 60 Hz
Power consumption: 3.6 W at battery operation, 9 W with power supply
Input: 12 VDC, 720mA

Operation

Working temperature: 32° to 104°F (0° to +40°C)
Humidity: 10 – 90% (non-condensing)
Atmospheric pressure: 645 – 795 mmHg (860 – 1060 hPa)

Storage

Storage temperature: -4° to +122°F (-20° to +50°C)
Humidity: 10 – 90% (non-condensing)
Atmospheric pressure: Up to 4 atmospheres (83 – 3038 mmHg/110 – 405 hPa)

Pump

Pump flow: 75 ml/min
Flow accuracy: ±15ml/min

Battery Data

Type: Lithium Ion internal battery, rechargeable
Battery capacity: Approximately 8 hours
Charging time: Approximately 17 hours or 2 hours for each hour of use

Capnography Measuring Data

Respiration range: 3 – 80 respirations/min
Update frequency: Once every breath (No Breath alarm after 25 seconds)
Respiration accuracy: 3 – 50 respirations/min ± 2
51 – 80 respirations/min ± 5
EtCO₂/CO₂ range: 0 – 99 mmHg, or 0 – 9.9 kPa
EtCO₂/CO₂ accuracy: ±0.2 kPa / ±2 mmHg, +6% of reading
(EtCO₂/CO₂ reading reaches its steady state accuracy 10 minutes after power up)
Update frequency: Once every breath (No Breath alarm after 25 seconds)
Trend length: 4 hours; pulse rate, SpO₂, respiration and EtCO₂

Pulse Oximeter Specifications

Displayed Oxygen Saturation Range (SpO₂) 0 to 100%
Displayed Pulse Rate Range 18 to 255 beats per minute (BPM)
Measurement Wavelengths***
Red: 660 nanometers @ 0.8 mW maximum average
Infrared: 910 nanometers @ 1.2 mW maximum average
Saturation Accuracy (Arms) ** 70 – 100%

Specifications are subject to change without notice.

Options

- Full line of infant to adult SpO₂ sensors (reusable and disposable)
- Full range of infant to adult CO₂ sampling lines
- Carrying case
- Adjustable mounting clamp
- TrendSense™ memory module, download cable and software
- Digital to analog converter (DAC) cables for pulse and capnography



Infant to Adult CO₂ Sampling Cannulas



T-connectors for Intubated monitoring

Wide range of PureLight® SpO₂ Sensors

REUSABLE



DISPOSABLE



Authorized Distributor:

