

LifeSense®

WIDESCREE™ Capnography and Pulse Oximetry



Fast and Easy EtCO₂ and SpO₂ Monitoring

The LifeSense® WIDESCREE™ 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

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|--|--|
| 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 |
| EtCO ₂ /CO ₂ range: | 0 – 99 mmHg, or 0 – 9.9 kPa |
| EtCO ₂ /CO ₂ accuracy: | ±0.2 kPa / ±2 mmHg, +6% of reading (EtCO ₂ /CO ₂ 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, SpO ₂ , respiration and EtCO ₂ |

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:

