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.
LifeSense®

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
- EtCO₂/CO₂ range: ....................... 0 – 99 mmHg, or 0 – 9.9 kPa
- EtCO₂/CO₂ accuracy: .................... ±0.2 kPa / ±2 mmHg, +6% of reading

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%

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

Authorized Distributor:

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Infant to Adult CO₂ Sampling Cannulas
T-connectors for Intubated monitoring

Wide range of PureLight® SpO₂ Sensors

REUSABLE
DISPOSABLE