

LIFE ♥ SENSE®

Medical Device Depot Inc.

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WIDESCREEN™
CAPNOGRAPHY & OXIMETRY

The LifeSense® multi-parameter monitor is ideal for continuous monitoring in critical care environments. Equipped with NONIN PureSAT® SpO₂ and MedAir™ EtCO₂ technologies, LifeSense is a proven performer for ET-tube placement verifications, waveform trend monitoring, detecting breathing irregularities, gauging the efficacy of CPR and procedural sedation monitoring. Its sidestream design allows use with intubated and non-intubated patients.

Features:

- » Widescreen touch panel display
- » NONIN PureSAT SpO₂ technology
- » MedAir EtCO₂ technology
- » Numerical pulse rate and respiratory rate display
- » Numerical EtCO₂ and SpO₂ display
- » 4-hour waveform trending
- » Capnograph and plethysmograph display
- » Backlit LCD display
- » Audible and visual alarms
- » Data output via RS-232 port

Options:

- » Full line of infant to adult SpO₂ sensors (reusable and disposable)
- » Full range of infant to adult sampling lines
- » Carrying bag
- » Adjustable mounting clamp
- » TrendSense™ memory module



Infant to Adult CO₂ Sampling Cannulas



T-connectors for Intubated monitoring



Wide range of PureLight® SpO₂ Sensors

LIFE SENSE®

Power Data

Battery charger:	120 VAC, 60 Hz for USA / Canada
Power consumption:	3.6 W at battery operation 12 W with battery charger
Input:	12 VDC, 800mA

Physical Data

Dimensions:	200 (W) x 135 (H) x 50 (D) mm (7.9 x 5.3 x 2 inches)
Weight:	800 grams (1.8 lbs)

Operation

Working temperature:	-5° to +40°C (23° to 104°F)
Humidity:	10 – 95% (non-condensing)
Atmospheric pressure:	860 – 1060 hPa

Storage

Storage temperature:	-20° to +50°C (-4° to +122°F)
Humidity:	10 – 90% (non-condensing)
Atmospheric pressure:	up to 4 atmosphere (110 - 4050 hPa)

Pump

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

Battery Data

Type:	Lithium Ion internal battery, rechargeable
Battery capacity:	8 hours approximately
Charging time:	17 hours from empty to full or 2 hours for every hour to run on battery

Capnography Measuring Data

Respiration range:	3 – 80 respirations/min
Update frequency:	Once every breath (No breath after 25 seconds)
Respiration accuracy:	3 – 50 respirations/min ± 2 51 – 80 respirations/min ± 5
EtCO ₂ /CO ₂ range:	0 – 9.9 kPa, or 0 – 99 mmHg
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)
Trend length:	4 hours

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
Using NONIN PureLight® Sensors	
Saturation Accuracy (Arms) **	70 - 100%

Sensor Specifications

Reusable Finger Clip (8000AA-2)	
Adult / Pediatric	± 2 digits*