



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 case
- ✓ Adjustable mounting clamp
- ✓ TrendSense™ memory module, download cable and software



L I F E  S E N S E®

W I D E S C R E E N™
CAPNOGRAPHY & OXIMETRY

Infant to adult CO₂ nasal sampling cannulas



T-connectors for intubated monitoring



Wide range of NONIN PureLight® SpO₂ sensors



TrendSense memory module
Download cable and software



Soft-sided carrying case



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.





L I F E S E N S E®

Power Data

Battery charger:	230 VAC, 50 Hz
	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 atmospheres (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
EtCO ₂ / CO ₂ range:	51 – 80 respirations / min ±5
EtCO ₂ / CO ₂ accuracy:	0 – 13.3 kPa, or 0 – 99 mmHg ±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
Trend length:	4 hours

Pulse Oximeter Specifications

Displayed oxygen saturation range (SpO₂)

0 – 100%

Displayed pulse rate range

18 – 255 beats per minute (BPM)

Measurement wavelengths

Red: 660 nanometers @ 0.8 mW maximum average

using NONIN PureLight sensors**

Infrared: 910 nanometers @ 1.2 mW maximum average

Saturation accuracy (A_{rms})***

70 – 100%

Sensor Specifications

Reusable finger clip (8000AA-2)

SpO₂

Adult / pediatric ±2 digits*

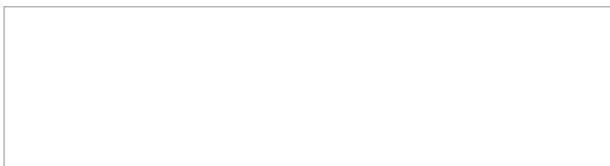
Low perfusion pulse rate

(40 – 240 BPM)

Adult / pediatric ±3 digits*

Specifications are subject to change without notice

Authorized Distributor



* Specifications based on 8000AA NONIN PureLight finger clip sensor

** This information is especially useful for clinicians performing photodynamic therapy

*** ±1 A_{rms} represents approximately 68% of measurements

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