


NONIN RespSense™ II WIDESCREE™ Capnography



Nonin RespSense™ II WIDESCREE™ capnograph offers Nonin Medical's sidestream EtCO₂ technology for a wide range of clinical settings for both intubated and non-intubated patients. Easy-to-use, accurate and cost-effective, RespSense II is perfect for patients in and outside of the hospital, including procedural sedation, resuscitation, EMS transport, sleep labs and homecare.

- Meets rigorous ISO requirements for EMS transport
- 1.5 hours trending of EtCO₂ and respiration rate
- Easy-to-use, large (17 cm), color touchscreen display
- 36-hour internal memory with USB port
- Adjustable alarm volume
- Configurable selections for language, units of measurement and alarms
- Industry-leading 3-year warranty
- Larger (17cm), color touchscreen display with brightness control
- Internal memory with USB
- Enhanced configuration options





RespSense™ II WIDESCREEEN™ Capnography

Available Models

RespSense II® Capnograph Includes: 3 Filters, 3 Adult CO₂ Sampling Nasal Cannulas, 1 CO₂ Sample Line, & 1 Straight T Connector

NON-Respsense II	RespSense Capnography Unit with Adult CO ₂ Nasal cannula & sample line
------------------	---

Accessories

NASAL CANNULA - See Fairmont Medical CO ₂ Nasal Cannulas	NON-110708-001	Adjustable Mounting Clamp	
NON-8516-001	Moisture Trap and Filter	NON-5781-000	Sens-O-Cal – Calibration Apparatus
NON-10189-001	Carrying Case		

Specification

Dimensions	200 (W) x 135 (H) x 50 (D) mm	Battery Data	
Weight	865 grams	Type	Lithium Ion internal battery, rechargeable
Warranty	3 years	Battery capacity	Approximately 5 hours
Power Data		Charging time	Approximately 9 hours or 2 hours for each hour of use
Battery charger	100 – 240 VAC, 50 – 60 Hz	Capnography Measuring Data	
Power consumption	3.6 W with battery operation, 9 W with power supply	Respiration range	0 – 99 respirations/min
Input	12 VDC, 1.5 A	Respiration accuracy	3 – 50 respirations/min ± 2, 51 – 60 respirations/min ± 3
Operation		EtCO ₂ /CO ₂ range	0 – 99 mmHg (0 – 13.2 kPa)
Working temperature	32° to 104°F (0° to 40°C)	EtCO ₂ /CO ₂ range	±0.2 kPa / ±2 mmHg, +8% of reading (EtCO ₂ /CO ₂ reading reaches its steady state accuracy 10 minutes after power up at room temperature)
Humidity	15 – 93% (non-condensing)	Update frequency	Once every breath (“NO BREATH” alarm after 30 seconds)
Atmospheric pressure	540 – 795 mmHg (720 – 1060 hPa)	Trend length	1.5 hours
Storage		Standards and Regulations	
Storage temperature	-40° to 158°F (-40° to 70°C)	ISO 80601-2-55	Meets Professional Transport Requirements
Humidity	up to 93% (non-condensing)	IEC 60601-1: 3rd edition	
Atmospheric pressure	Up to 4 atmospheres (83 – 3038 mmHg/ 110 – 405 hPa)	IEC 60601-1-2:2007	
Pump		CSA C22.2	
Pump flow:	75 ml/min	EN 1789	Road Ambulance
Flow accuracy	±15 ml/min		

Pulse Oximeter Specification

Oxygen Saturation Display Range	0 – 100% SpO ₂	Measurement Wavelengths and Output Power**	
Pulse Rate Display Range	18 – 321 beats per minute (BPM)	Red	660 nanometres @ 0.8 mW maximum average
Oxygen Saturation Declared Accuracy (A _{rms})*	70 – 100% SpO ₂	Infrared	910 nanometres @ 1.2 mW maximum average
		Specifications are subject to change without notice. * This information is especially useful for clinicians performing photodynamic therapy **±1 Arms represents approximately 68% of measurements	

Fairmont
MEDICAL

Corporate Office
Fairmont Medical
11 Scoresby Road Bayswater 3153 VIC
Ph 1300 972 088
Ph International +613 9720 8840
Fx International +613 9237 9399

UK Head Office
Fairmont Medical Products Ltd
Elizabeth House
28 Baddow Road Chelmsford
Essex CM2 0DG
Ph: +44 (0)1245 206800

