

RESP  SENSE™

Medical Device Depot Inc.

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WIDESCREEN™
CAPNOGRAPHY

The RespSense™ monitor offers MedAir™ EtCO₂ technology for continuous long-term monitoring. It is simple and easy-to-use for EtCO₂ spot-checks as well as ET-tube placement verification. Portable, accurate, and cost-effective, RespSense is perfect for emergency services and ambulance use - or in clinical settings where fast, easy EtCO₂ monitoring is required.



Features:

- » Widescreen touch panel display
- » Numerical EtCO₂ and respiratory rate display
- » MedAir EtCO₂ technology
- » 1.5 hours of EtCO₂ and respiration rate waveform trending
- » Backlit LCD display
- » Audible and visual alarms
- » Data output via RS-232 port

Options:

- » Full range of infant to adult CO₂ sampling lines
- » Carrying case
- » Adjustable mounting clamp
- » TrendSense™ memory module, download cable and software



Infant to Adult CO₂ Nasal Sampling Cannulas



TrendSense Memory Module Download Cable and Software



Single-use Disposable Moisture Trap and Filters



Carrying Case

RESP  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 atmospheres (110 - 4050 hPa)

Pump

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

Battery Data

Type:	Lithium Ion internal battery, rechargeable
Battery capacity:	10 hours approximately
Charging time:	17 hours from empty to full

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
Trend length:	1.5 hours