

Quick Study Card

Product Description

The RespSense capnograph is portable, battery operated, and easy-to-use. It features MedAir's sidestream non-dispersive infrared capnography technology. RespSense offers a widescreen™ touch panel display, 10-hours of battery life, 2-parameter monitoring, and audible and visual alarms.

Intended Use

The RespSense capnograph is indicated for use in the simultaneous measurement and display of end-tidal carbon dioxide (EtCO₂) and respiration rate of adult, pediatric and infant patients. It is intended for use in pre-hospital, hospital, surgery centers, physician clinics/offices, and sleep centers or wherever patients require continuous, non-invasive monitoring of EtCO₂ and respiration rate.

Target Markets

Emergency Medical Services:

- » Fire and Rescue Departments
- » Ambulance Services

Ambulatory Surgery Centers

Clinics and Physician Offices

Hospital:

- » Emergency Department
- » Special Procedures Rooms
- » Respiratory Therapy
- » Intensive Care Units
- » Post-operative Care
- » Pain Management
- » Acute and Sub Acute patient areas

Key Product Advantages

- » Widescreen capnograph with backlit touch panel display is easy to read
- » Easily adjustable parameters
- » Moisture management with a disposable moisture trap
- » Low sample flow rate 75 ml/minute ± 15ml/minute
- » Ten hours of battery life and a convenient AC power adapter
- » All settings can be selected or adjusted on one screen
- » Weighs 800 grams with battery

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Features

- » Low sampling rate and a quiet pump
- » 72-hour data collection with the TrendSense™ data memory module
- » Real-time data output and printing capabilities

RespSense Audible and Visual Alarm Features

Parameter	Message	Possible Cause
Capnography	OCCLUSION	Low or no flow from sample line tubing.
Capnography	TRAP FULL? PUSH ALARM	There has been an occlusion for several seconds, possibly due to moisture in the moisture trap. Replace it and then press the audible alarm pause button.
Capnography	NO CAPNO	No communication from capnograph unit.
Capnography	WARM UP	Warm-up delay and stabilizing measurements.
System	BATT LOW	Battery is almost depleted.
System	DISP ERROR	The touch panel display is not working properly.

Accessories

- » RS-232 Download cable
- » Carrying case
- » PermaPure Nafion® tubing
- » Calibration kit
- » Monitor mounting brackets and adjustable mounting clamp
- » T-connector and sampling lines
- » Single-patient use disposable moisture trap and filters
- » TrendSense™ data memory module

Definitions

EtCO₂ = End-tidal Carbon Dioxide

RR = Respiratory Rate