

Alaris EtCO₂ Module Model 8300

Sidestream capnograph

Non-invasive sidestream capnograph for every patient

The **Alaris EtCO₂** module is a versatile, non-invasive sidestream capnograph suitable for use with intubated or non-intubated adult, pediatric, and neonatal patients. This unit accurately measures end tidal carbon dioxide (EtCO₂), fractional inspired carbon dioxide (FiCO₂), and respiratory rate (RR).

Not intended for direct connections.

FEATURES

- Non-invasive sidestream monitoring of patient CO₂ levels
- Uses Coviden's Microstream nondispersive infrared (NDIR) spectroscopy to continually measure CO₂ accurately
- Microstream Disposables deliver inhaled/exhaled gas samples to monitor from ventilator disposable or from oral/nasal cannula
- Battery recharges when unit is plugged into AC source
- Easy to read LCD and LED displays
- Four-line LCD screen with auto backlighting shows therapy settings, medication delivery, alarm and operating conditions.
- Moisture & secretions are removed via inline filter without affecting CO₂ waveform shape
- EtCO₂ module provides readings in compliance with body temperature, pressure, saturation standards (BTPS).
- Cyclic pressure up to 10 kPa does not affect accuracy of readings



QUICK SPECIFICATIONS

DIMENSIONS

- **Height:** 8.9 in (22.6 cm)
- **Width:** 3.3 in (8.4 cm)
- **Depth:** 5.5 in (14 cm)
- **Weight:** 2.5 lbs (1 kg)

POWER

- **AC:** 100-240 VAC, 50-60 Hz, 24 W
- **Battery:** Internal Rechargeable Battery.
- **Battery Life:** 5.5 hrs

SPECS

- **Flow Rate:** Nominally 50 mL/min -7.5 +15 mL/min
- **Frequency Response:** Accurate without adjustment for respiration rates up to 80 bpm. Neonatal adapter available.
- **Measurement Range:** EtCO₂: 0-99 mmHg/ FiCO₂ 0-99 mmHg/ Respiratory Rate 0-150 bpm.
- **Gas Interference:** No interference with Desflurane, Enflurane, Halothane, Isoflurane, or Sevoflurane.
- **Shock Protection:** Type BF, Defibrillator Proof patient-applied part

DISPLAYS

- EtCO₂ mmHg Display, Respiratory Rate Display Channel (module) Message Display, Channel (Module) Identification Display

