

EMMA™ Mainstream Capnometer

Immediate capnometry at your fingertips



Actual Size

- > **Small, portable capnometer**, EMMA requires virtually no warm-up time, with full accuracy in 15 seconds to measure end-tidal carbon dioxide (EtCO₂) and respiration rate
- > **Compact, lightweight design fits in the palm of your hand** for unmatched mobility and convenience
- > **Used for short-term EtCO₂ monitoring for adult, paediatric, and infant patients**
- > **Flexible use at multiple points of care**, including pre-hospital, emergency medicine, operating room, intensive care unit, and long-term acute care
- > **Helps clinicians assess the effectiveness of CPR and guide ventilation**, allowing them to make adjustments in the course of treatment, breath by breath
- > **Rugged, water-resistant design** for reliable operation in challenging environments
- > **Easy to maintain—no routine calibration required**

FEATURES

- > **Simple, easy-to-use interface**
for quick setup and one-touch programming
- > **Audible and visual alarm system**
for No Breath Detected, No Adapter, Check Adapter, and adjustable high and low EtCO₂ alarm
- > **Long battery life**—up to 12 hours of normal use with two standard AAA lithium batteries

Alarm Limits

Alarm limits and visual alarm status indicator, silence active alarms for two minutes

Bar Graph

Highly visible bar graph provides continuous feedback on end-tidal carbon dioxide concentration, breathing activity, or alarm status

Power Button

Warm-up time to full accuracy in 15 seconds



End-tidal Carbon Dioxide

Quantitative EtCO₂ is updated every breath

Respiration Rate

RR is displayed after two breaths and updated every breath

Airway Adapter

Comes in adult/paediatric and infant sizes

PERFORMANCE

RANGES

CO ₂	0-99 mmHg 0-9.9 kPa
RR.....	3-150 bpm

ACCURACY (STANDARD CONDITIONS)

CO ₂	0-40 mmHg ± 2 mmHg; 41-99 mmHg 6% of reading 0-5.3 kPa ± 0.3 kPa; 5.4-9.9 kPa 6% of reading
RR.....	± 1 bpm

BATTERIES

Type.....	2 (two) AAA Cell Alkaline or Lithium
Battery life.....	8 hours (Alkaline) 12 hours (Lithium)

ENVIRONMENTAL

Operating temperature.....	-5 to 50 C (23 to 122° F)
Operating atmospheric pressure.....	70 to 120 kPa
Operating humidity.....	10-95%, non-condensing
Storage temperature.....	-30 to 70 C (-22 to 158° F)
Storage atmospheric pressure.....	50 to 120 kPa

PHYSICAL CHARACTERISTICS

Dimensions.....	2.1" x 1.5" x 1.5" (5.2 x 3.9 x 3.9 cm)
Weight.....	2.1 oz (with Alkaline batteries)

ADAPTER INFORMATION

Dead space adult/paediatric.....	.6 ml
Dead space infant.....	.1 ml

KIT



> EMMA Kit*

EMMA (mmHg) PN 9632
EMMA (kPa) PN 9633

ACCESSORIES



> EMMA Airway Adapter

Adult/Paediatric
Box of 25
PN 17448



> EMMA Airway Adapter

Infant
Box of 10
PN 17449

*In order for the EMMA Kit to provide readings, either of the listed airway adapters is required. Kit includes EMMA, pouch, and lanyard.

For professional use. See instructions for use for full prescribing information, including indications, contraindications, warnings, precautions and adverse events.