

EMMA™ Capnograph

Immediate capnography at your fingertips

EMMA CAPNOGRAPH



Actual Size

- > **Immediate results** — EMMA requires virtually no warm-up time, with full accuracy in 15 seconds to measure end-tidal carbon dioxide (EtCO₂) and respiration rate (RR)
- > **Continuous capnogram** allows for confirmation of endotracheal tube placement, enables clinicians to assess the depth and effectiveness of compressions, and recognize return of spontaneous circulation (ROSC)
- > **Small, portable capnograph** — lightweight design fits in the palm of your hand for unmatched mobility and convenience during short-term EtCO₂ monitoring of adult, pediatric, 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

- > **Clear, continuous capnogram** of carbon dioxide values
- > **Simple, easy-to-use interface** for quick set-up and one-touch programming
- > **Audible and visual alarm system** for No Adapter, Clogged Adapter, No Breath (Apnea), Low Battery and adjustable High and Low EtCO₂ alarm
- > **Long battery life**—up to 10 hours of normal use with two standard AAA lithium batteries



PERFORMANCE

RANGES	ENVIRONMENTAL
CO ₂ 0-99 mmHg 0-9.9 kPa	Operating temperature -5 to 50° C (23 to 122° F)
RR 3-150 bpm	Operating atmospheric pressure 70 to 120 kPa
ACCURACY (STANDARD CONDITIONS)	Operating humidity 10-95%, non-condensing
CO ₂ 0-40 mmHg ±2 mmHg; 41-99 mmHg 6% of reading	Storage temperature -30 to 70° C (-22 to 158° F)
0-5.3 kPa ±0.3 kPa; 5.4-9.9 kPa 6% of reading	Storage atmospheric pressure 50 to 120 kPa
RR ±1 bpm	PHYSICAL CHARACTERISTICS
BATTERIES	Dimensions 2.1 x 1.5 x 1.5" (5.2 x 3.9 x 3.9 cm)
Type 2 (two) AAA Cell Alkaline or Lithium	Weight 2.1 oz (59.5 g) (with Alkaline batteries)
Battery life 6 hours (Alkaline)	ADAPTER INFORMATION
10 hours (Lithium)	Dead space adult/pediatric 6 ml
	Dead space infant 1 ml

KIT



- > **EMMA Kit***
EMMA (mmHg) PN 3639
EMMA (kPa) PN 3678

ACCESSORIES



- > **EMMA Airway Adapter**
Adult/Pediatric
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.

Caution: Federal law restricts this device to sale by or on the order of a physician.