

## Immediate capnography at your fingertips



**Immediate results** — EMMA requires virtually no warm-up time, with full accuracy in 15 seconds to measure end-tidal carbon dioxide (EtCO<sub>2</sub>) 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 EtCO<sub>2</sub> 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 EtCO<sub>2</sub> alarm
- Long battery life — up to 10 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

### Capnogram

14.4 second sweep of CO2 values

### 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

Available in adult/ pediatric and infant sizes (sold separately)

## Specifications

### Ranges

CO2.....0-99 mmHg, 0-9.9 kPa

RR.....3-150 bpm

Accuracy (standard conditions)

CO2.....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.....6 hours (Alkaline); 10 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 (59.5 g) (with alkaline batteries)

### Adapter Information

Dead space adult/pediatric......6 ml

Dead space infant......1 ml