EMMA II™ Capnograph

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 (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 allows clinicians to 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

Web: www.englerusa.com / Email: info@englerusa.com

Engler Engineering Corporation
1099 East 47th Street - Hialeah, Florida 33013 USA
Tel: (800) 445-8581 / (305) 688-8581 / Fax: (305) 685-7671
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

For optimum performance; the Energizer Ultimate Lithium Ion L92 AAA battery is recommended

PERFORMANCE

**Ranges**

- **CO₂**: 0-99 mmHg, 0-9.9 kPa
- **RR**: 3-150 bpm

**Accuracy (Standard Conditions)**

- **CO₂**: ±2 mmHg; 41.99 mmHg ±6% of reading, ±0.3 kPa ±0.1 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

**Kit**

- EMMA Kit*

**Accessories**

- EMMA Airway Adapter
  - Adult/Pediatric Box of 25
  - Infant Box of 10

*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.

**NOT AVAILABLE FOR EXPORT SALES MUST BE DROP SHIPPED BY ENGLER TO U.S. CUSTOMERS ONLY**

Engler Engineering Corporation
1099 East 47th Street - Hialeah, Florida 33013 USA
Tel: (800) 445-8581 / (305) 688-8581 / Fax: (305) 685-7671

Web: www.englerusa.com / Email: info@englerusa.com