



WAVEFORM CAPNOGRAPHY



**WAVEFORM CAPNOGRAPHY**

**EMMA® Capnograph** truly portable with waveform capnography it meets AAGBI, NAP4 and the ERC/UK 2015 Resuscitation ALS recommendations on use and compliance. Its versatility and functionality make it the right choice for hospital intensive care emergency wards, respiratory care, ambulance teams and patient transfer use.

- Mainstream NDIR**  
Accurate CO<sub>2</sub> Analyser  
Direct measurement
- Waveform Capnograph**  
Meets AAGBI, NAP4 and  
ERC/UK ALS use guidelines
- EtCO<sub>2</sub> & Respiratory rate**  
End-tidal CO<sub>2</sub> and Respiratory  
Rate values
- All Patient use**  
Adults, Paediatric  
Neonate
- Configurable Alarms**  
Apnoea, Blocked Airway,  
Hi/Low EtCO<sub>2</sub>, Battery status
- Optimised Power**  
8 hrs. continuous use  
2 x AAA batteries
- Tube Placement & ROSC**  
ensures efficacy of intubation  
early detection of ROSC
- Effectiveness of CPR**  
assess effectiveness of chest  
compressions & CPR
- Non-Intubated use**  
Outreach, COPD, Respiratory  
Patient assessment

## Features

### Alarm Limits

One-touch alarm limits and visual alarm status indicator silence active alarms for two minutes

### Capnograph

14.4 second sweep of CO<sub>2</sub> values

### Power Button

Warm-up time to full accuracy in 15 seconds

### End-tidal Carbon Dioxide

Quantitative EtCO<sub>2</sub> is updated every breath (Available in Kpa or mmHg)

### Respiration Rate

Respiratory Rate is displayed after two breaths and updated every breath

### Airway Adapter

Available in adult/paediatric & infant sizes



Infant  
Box of 10  
PN:M-100660



Adult/Paediatric  
Box of 25  
PN:M-100620

**EMMA Kit** (as supplied):  
device, pouch, lanyard, batteries x2  
**EMMA (kPa) PN: M-3678-C**

### Technical Specification

Measurement principle: Non-dispersive Infra-red absorption (NDIR)

Range & Accuracy CO<sub>2</sub>: Range: 0 to 9.9 kPa (0 to 99 mmHg) Accuracy: +/- 0.3 kPa (+/- 2 mmHg)

Range & Accuracy RR: Range: 0 to 150 breaths/min Accuracy: +/- 1 BPM

Operating conditions: Humidity 10 to 95 % non-condensing; Operating range: -5 to 40 deg C; Storage: -30 to 70 deg C

Displays: EtCO<sub>2</sub>: Waveform capnogram & Numerical Display; RR numerical display; Battery & Alarm Status

Batteries/life: 2 x AAA Lithium batteries; ~10 hours of normal use dependant on battery life and ambient conditions  
2 x AAA Alkaline batteries ~8 hours of normal use dependant on battery type/life and ambient conditions

Size/weight: 52 x 39 x 39 mm; 60 grams with batteries

Calibration: NO routine calibration required

Protection class: Water and dust ingress rating IPX33

Applicable Standards: DIN EN 60601-1:1990; EN 21647:2004; CE marked; Transport prEN 1789:2004; Airworthiness approved

Accessories: Disposable (one patient use) Airway Adapters (Adult/Paediatric & Infant), Pouch, Lanyard

Calibration Services: Optional purchased services: 'back to MEDACX' UKAS span gas calibration or Span gas test kits.

Content & specifications subject to change

# WAVEFORM CAPNOGRAPHY

FS 580431

MEDACX LIMITED • FREDERICK HOUSE • 58 STATION ROAD • HAYLING ISLAND • HAMPSHIRE • PO11 0EL

**MEDACX**  
Technology you can trust

02392 469737  
info@medacx.co.uk  
www.medacx.co.uk

109-SL-R2.0-APP-14