

EMMA Waveform Capnography

MEETS ERC/UK RESUS ALS/PLS/NLS/AAGBI & NAP4 GUIDELINES ON USE OF WAVEFORM CAPNOGRAPHY

When deciding on which Capnography device there are **several very important considerations**. Some are of obvious clinical importance & cost, while others shown below **are equally critical and key to patient diagnosis and safety**.

EMMA

C02 Colour Change Sidestream Capnograph Mainstream Capnograph

KEY CLINICAL & OPERATIONAL CAPNOGRAPHY REQUIREMENTS

✗	✓	✓	EtCO ₂ Waveform Capnograph breath by breath display
✗	✓	✓	Respiratory Rate [RR] breath by breath display
✗	✗	✓	≥8 hours of continuous use - Battery powered
✗	✓	✓	Intubated & Non-intubated Adult/Paediatric/Infant/Neonate patient use
✗	✗	✓	No warm up time - reads EtCO ₂ & RR values with full accuracy < 10 seconds
✓	✓	✓	Direct connection to ETT, tracheal tubes & face masks
✗	✓	✓	Audible user configurable Alarm capabilities [CO ₂ , Apnea, Battery, Airway]
N/A	?	✓	Airworthiness Approved - ISO13485 - EN1789 - EN60601- EN21647 approvals
✗	✓	✓	Efficacy of endotracheal tube placement
✗	✓	✓	Provide an early recognition of ROSC
✗	✓	✓	Instant feedback of effectiveness of CPR
✗	✓	✓	Provides COPD patient monitoring
✗	✓	✓	Indication of Hypercapnia & Hypocapnia
✓	✗	✓	Weighs less than 60 grams
✓	✗	✓	No cables or connections
✗	✓	✓	Reusable device
✗	✗	✓	Low Cost of Ownership



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127-CL-R3-0-JAN-2019