MARIE™ Capnograph

The Future of Respiratory Monitoring

Respiratory complications are among the most preventable, yet most serious threats to patient safety. Hypoventilation, CO_2 retention and apnea events often go undetected across many care settings, as continuous and reliable respiratory monitoring has traditionally been limited to intensive care and intubated patients.

- **$EtCO_2$** — **End-Tidal Carbon Dioxide**
- **RR** — **Respiration Rate**
- **O_2** — **Supplementary Oxygen Flow Rate**

MARIE – a new standard in respiratory monitoring

MARIE is a wearable capnograph for non-intubated patients enabling advanced respiratory monitoring across care settings, from emergency to the ward.

Why MARIE?

› Solves real problems: Detects respiratory deterioration, even during oxygen therapy

› Expands access: Enables capnography and monitored oxygen therapy beyond the ICU

› Designed for clinical use: Comfortable for patients and easy to use for staff

Oxlantic Medical

MARIE™ Capnograph – Key Benefits

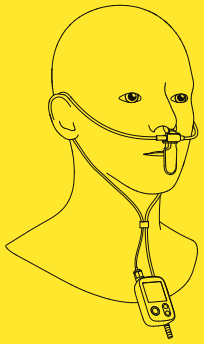
Wearable Capnography
Continuous $EtCO_2$, RR and O_2 flow display with clear waveform and trends.

Integrated Oxygen Delivery
Monitors and delivers supplementary oxygen quietly and comfortably up to 12 L/min.

Durable
Up to 16 hours of battery life in a compact and rugged form factor.

Hassle-Free
No routine calibration required.

Applications
- EMS & Ambulance Care
- Emergency Departments
- Procedural Sedation
- Postoperative Monitoring
- Wards & Step-Down Units



Essential Alerts
- No Breath
- Abnormal RR
- Abnormal $EtCO_2$

Parameter	Specification
CO_2	0 – 114 mmHg, 0 – 15 kPa / vol%
RR	3 – 150 breaths per minute
Oxygen Flowrate	0 – 12 L/min, up to approx. 60% FiO_2
Trends	CO_2 and Respiratory Rate, up to 8 hours selectable
Battery Life	Up to 16 hours, wireless charging
Weight	Monitor: 60 g, Sensor: 1.5 g
Alarms	No Breath, High/Low $EtCO_2$, High/Low RR, Rebreathing and technical alarms
Adapter Sets	Non-intubated
Patient Categories	Adults

Gas Measurements Accuracy According to EN/ISO 80601-2-55. The MARIE Capnograph is a CE-marked medical device (CE 2862) in accordance with Regulation (EU) 2017/745.

D00748 Rev 01

Subject to change (without notice)

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