



# MARIE™ Capnograph

Experience the Next Generation of Respiratory Monitoring

Respiratory complications are among the most preventable yet dangerous threats to patient safety. Hypoventilation, CO<sub>2</sub> retention and undetected apnea events often go unnoticed in many settings since continuous and accurate respiratory monitoring traditionally has been limited to intensive care or intubated patients.

EtCO<sub>2</sub>

End-Tidal  
Carbon Dioxide

RR

Respiration Rate

O<sub>2</sub>

Supplementary  
Oxygen Flow Rate

## MARIE, a game-changer

The MARIE Capnograph is a new, innovative and wearable monitor that delivers real-time capnography for non-intubated patients. It delivers advanced respiratory monitoring from the emergency setting to the ward.

## Why MARIE?

- › Solves Real Problems: Detects respiratory decline early.
- › Expands Access: Provides critical capnography beyond the ICU and OR.
- › Designed for Action: Lightweight, intuitive and rugged.

# MARIE™ Capnograph

## – Key Benefits

### Wearable Capnography

Continuous EtCO<sub>2</sub> and Respiratory Rate display with clear waveform and trends.

### Integrated Oxygen Delivery

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

### Durable

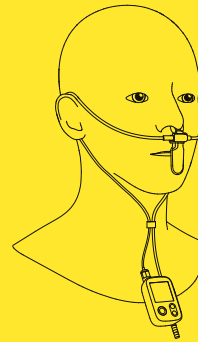
Up to 16 hours of battery life in a compact and rugged form factor.

### Hassle-Free

No routine calibration required.

### Applications

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



### Essential Alerts

- › No Breath
- › Abnormal Respiratory Rate
- › Abnormal EtCO<sub>2</sub>

Parameter	Specification
CO <sub>2</sub>	0–114 mmHg, 0–15 kPa / vol%
Respiration Rate	3–150 breaths per minute
Oxygen Flowrate	0–12 L/min, up to approx. 60% FiO <sub>2</sub>
Trends	CO <sub>2</sub> 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 <sub>2</sub> , 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 subject to regulatory clearance.