

# GE DATEX OHMEDA E-CO MODULE

## ABOUT

The GE Datex-Ohmeda E-CO Module is a comprehensive gas monitoring system designed to measure and analyze exhaled carbon dioxide (CO<sub>2</sub>) levels, along with other respiratory parameters. It is ideal for use in critical care, anesthesia, and respiratory therapy settings, providing accurate and real-time data to enhance patient care.

## FEATURES

**Capnography and CO<sub>2</sub> Monitoring:** Provides continuous and precise measurement of end-tidal CO<sub>2</sub> (EtCO<sub>2</sub>) and respiratory rate.

**Real-Time Data:** Delivers real-time respiratory data with rapid response times.

**Seamless Integration:** Easily integrates with GE patient monitoring systems.

**User-Friendly Interface:** Features an intuitive interface with clear visual displays and customizable settings.

**Alarming System:** Includes configurable alarms and alerts to notify clinicians of significant changes in respiratory parameters.

**Versatile:** Suitable for use in a wide range of clinical environments, including operating rooms, intensive care units, and emergency departments.

**Compact and Durable:** Designed to be compact and durable, making it easy to install and maintain in various healthcare settings.



# SPECIFICATIONS

## DIMENSIONS

**Height:** 4.4 in (11.2 cm)

**Width:** 3.0 in (7.5 cm)

**Depth:** 9.0 in (22.8 cm)

**Weight:** 3.5 lbs (1.6 kg)

## POWER

**Power consumption:** 12.6 W Prms, 14.6 W momentary

**Protection against electrical shock:** Type BF

## RESPIRATION RATE

**Measurement range:** 4 to 60 breaths/min

**Detection criteria:** 1% variation in CO<sub>2</sub>

## CO<sub>2</sub> PERFORMANCE

**Measurement range:** 0 to 15 vol% (0 to 15 kPa, 0 to 113 mmHg)

**Measurement rise time:** < 400 ms typical

**Accuracy:** (0.2 vol% +2% of the reading)

e.g. Reading 5.0 % accuracy =  $\pm (0.2 + 0.1)$ ; =  $\pm 0.3$  vol%

**Gas cross effects:** < 0.2 vol% (O<sub>2</sub>, N<sub>2</sub>O, anesthetic agents)

## O<sub>2</sub> PERFORMANCE

**Measurement range:** 0 to 100 vol%

**Measurement rise time:** < 400 ms typical

**Accuracy:**  $\pm (1 \text{ vol\%} + 2\% \text{ of the reading})$

**Gas cross effects:** < 1 vol%; anesthetic agents  
< 2 vol%; N<sub>2</sub>O

**O<sub>2</sub> Fi-Et difference resolution:** 0.1 vol%

## N<sub>2</sub>O PERFORMANCE

**Measurement range:** 0 to 100%

**Measurement rise time:** < 400 ms typical

**Accuracy:**  $\pm (2 \text{ vol\%} + 2\% \text{ of the reading})$   
(0% < N<sub>2</sub>O < 85%);  $\pm (2 \text{ vol\%} + 8\% \text{ of the reading})$   
(85% < N<sub>2</sub>O < 100%)

**Gas cross effects:** < 2 vol%; anesthetic agents