



ToxiRAE Pro CO₂ Carbon Dioxide Monitor



The ToxiRAE Pro CO₂ provides safety professionals with wireless remote access to real-time instrument readings and alarm status for better visibility and faster incident response.

The ToxiRAE Pro offers datalogging capability and is equipped with a “Man Down” alarm and policy enforcement to ensure greater safety while making sure compliance-related procedures such as periodic testing and calibration are performed.

Industries

- Chemical manufacturing
- Food and beverage
- Wineries and breweries
- Landfills
- Water and wastewater facilities

ToxiRAE Pro CO₂ comes with:

- ToxiRAE Pro CO₂ monitor with sensor as specified, alligator clip, protective rubber boot, and rechargeable battery installed
- Charging and PC communication cradle
- PC communication cable
- AC adapter (100 to 240 V, 50/60 Hz AC to 12 V DC)
- Calibration adapters
- Quick Start Guide
- CD with documentation
- ProRAE Studio II software for PC-based instrument configuration and data management
- Calibration card, quality certificate, and warranty/registration card

Gases analysed

CO₂

“The rugged and reliable ToxiRAE Pro CO₂ has the largest display in its class”

KEY BENEFITS

- Wireless access to real-time instrument readings and alarm status from any location
- Unmistakable five-way local and remote wireless notification of alarm conditions
- Intelligent sensor stores calibration data, so it can be swapped in the field
- Largest display in its class
- Continuous datalogging
- Easy to use
- Reliable and rugged

Technical Specification

PERFORMANCE

- STEL, TWA, and peak values
- Keypad: 2 buttons for operation and programming
- Sampling: Internal fan
- Calibration: Automatic with AutoRAE 2 Test and Calibration System or manual
- Wireless range: 660 feet (200 meters)

SENSOR

- Non-dispersive infrared sensor
- Range: 0 to 50,000 ppm
- Resolution: 100 ppm

PHYSICAL

- Dimensions: 4.6" H x 2.4" W x 1.2" D (118 x 60 x 30 mm)
- Weight: 7.76 oz. (220 g)

OPERATING RANGES

- Operating temperature range: -20°C to 55°C
- Humidity range: 0% to 95% relative humidity (non-condensing)

POWER

- Rechargeable Li-ion battery
- 11 hours operating time (normal operation 25° C / 77° F, non-wireless)
- 4 hour recharge time through charging cradle

DATALOGGING

- Continuous data logging with a three-month capacity (at one-minute intervals)
- User-configurable data logging interval (from 1 to 3,600 seconds)
- Wireless data and status transmission via built-in RF modem (optional)

ALARMS

- Wireless remote alarm notification
- Audible (95 dB @ 30cm)
- Visible (flashing bright red LED's)
- Vibration
- On-screen indication of alarm conditions
- Man Down Alarm with pre-alarm and real-time remote wireless notification

CERTIFICATIONS

- IP-65
- EMC directive: 2004/108/EC
- R&TTE directive: 1999/5/EC

WARRANTY

- Two years on nonconsumable components
- One year on all other sensors, battery, and other consumable parts

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