

# Portable Multi-Gas Detector

This portable multi-gas detector is designed for detecting and monitoring various gases in industrial environments. It provides real-time monitoring and alerts for potentially hazardous conditions with sensors for CH<sub>4</sub>, CO, H<sub>2</sub>S, and O<sub>2</sub>.



## ADDITIONAL IMAGES



## Overview

### Industrial Safety Solution

The E4000 portable multi-gas detector is designed to monitor up to four gases simultaneously, providing critical protection against oxygen deficiency, toxic gas exposure, and combustible gas explosions. Engineered for demanding industrial environments like steelworks, petrochemical plants, and confined spaces, it features interchangeable smart sensor modules for flexible configuration. The device ensures user safety through continuous monitoring, real-time concentration displays, and a robust multi-mode alarm system.

## Performance Metrics

### Key Performance Metrics

**30 s**

Response Time (T90)

**85 dB**

Audible Alarm

**100000 events**

Event Log Capacity

## Technical Specifications

### Gas Detection Ranges

Gas Type	Measuring Range	Sensor Type
O2	0-30%VOL	Electrochemical
CO	0-1000ppm	Electrochemical
H2S	0-100ppm	Electrochemical
Combustible	0-100%LEL	Catalytic

### Power & Battery

- Battery Type: Lithium
- Voltage: 3.7V
- Capacity: 6600mAh
- Operating Life: 8 to 300 hours (gas dependent)

## Environmental & Durability

### Operating Conditions

- Toxic Gas Temp: -20°C to 50°C
- Combustible Gas Temp: -40°C to 70°C
- Humidity: <95%RH (no condensation)

### Environmental Ratings

IP66 Ingress Protection, Ex ia IIC T4 Gb, Rubber Enclosure

## Physical Attributes

### Dimensions & Weight

147 x 76 x 37mm, approx. 350g

### Included Accessories

Operation manual, Calibration cap, Charger, Screwdriver, USB cable