

Portable Oxygen Gas Detector

This portable gas detector is designed for the detection of oxygen (O₂) concentrations. It features a digital display for real-time readings and audible and visual alarms.



ADDITIONAL IMAGES



Overview

Compact Safety Monitoring

The BX171 is a disposable, intrinsically safe portable single gas detector designed to monitor O₂, CO, and H₂S concentrations. It provides essential protection for workers against oxygen deficiency and toxic gas exposure in demanding industrial environments. Featuring a rugged, water-and-dust-proof design, this lightweight device offers reliable performance for up to 2 years.

Technical Specifications

Detectable Gases	O ₂ , CO, H ₂ S
Sensor Technology	Electrochemical sensor
Sensor Life	2 years
Response Time (T90)	<30S

Alarm & Performance

Alarm Volume

80 dB
Minimum Volume

Alarm Systems	Visual, Audible, Vibration
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Environmental & Physical

Ingress Protection IP66	
Explosion-Proof Rating	Ex ia IIC T4 Ga
Operating Temperature	-20 to 55
Max Humidity	<95% R.H.
Dimensions	91mm x 58mm x 34mm
Weight	130 g

Power & Logistics

Battery Type	DC3V CR123A Lithium battery
Event Log Capacity	1000

Applications

Suitable Industries

- Oil and gas
- Power plants
- Petrochemical
- Steelworks
- Refinery
- Marine
- Mining
- Sewage treatment
- Confined spaces