

▶ GasBadge Pro

Portable gas detector Cl₂, ClO₂, CO, H₂, H₂S, HCN, NH₃, NO₂, O₂, PH₃ or SO₂



Technical specifications

Interchangeable « Smart » Sensors:

Cl₂ - ClO₂ - CO - H₂ - H₂S - HCN - NH₃ - NO₂ - O₂ - PH₃ - SO₂

Display:

- Customized LCD display with graphical icons for easy use
- Direct instant display of the value
- Segmented display for direct reading of gas value under low lighting conditions

Alarms:

- High alarm and low alarm selected by the user
- Sound alarm (95 dB), visual ultra-bright LED and vibrating alarm

Event-Logger:

- Continually on. Logs last 15 alarm events, stamping how long ago the event occurred, the duration of the event, and the peak reading seen during the event
- Data logs can be viewed on PC

Case:

- Rugged, water-resistant polycarbonate shell with protective shockproof overmold
- Radio-electric interference resistant

Battery: User replaceable 3V CR2 lithium battery

Runtime: 2 600 hours runtime (minimum)

Dimensions: 9,4 cm x 5,08 cm x 2,79 cm

Weight: 85g

IP rating: IP67

Certifications:

- UL - Class I, Div. I, Groups A, B, C, D; T4
- CSA - Class I, Div. I, Groups A, B, C, D; T4
- Cenelec (ATEX) - EEx ia d IIC T4

Product description

GasBadge® Pro portable gas detector for Cl₂ (Chlorine), ClO₂ (Chlorine dioxide), CO (Carbon dioxide), H₂ (hydrogen), H₂S (Hydrogen sulphide), HCN (Hydrogen cyanide), NH₃ (ammonia), NO₂ (Nitrogen dioxide), O₂ (Oxygen), PH₃ (Phosphine) or SO₂ (Sulphur dioxide) monitoring.

▶ Interchangeable « Smart » Sensors

Built to the highest quality and reliability standards the device provides a lifetime of gas hazard protection with more features than any other single gas monitor available.

The GasBadge® Pro, single gas detector, is the most flexible and complete gas detector of its generation. Equipped with interchangeable smart sensors, it is very simple to change the monitored gas and turn an oxygen gas detector into a toxic gas detector, for example.

▶ Rugged and Waterproof case

Protected by a robust case, the GasBadge® Pro is waterproof and immune to radio-electric interference. A protective concussion-proof overmold protects the unit from extreme use in a variety of harsh industrial environments. Its simple and intuitive four-button navigation allows easy access to setup, operation and calibration functions.

▶ Chronological Datalogging

The GasBadge® Pro has 4 alarms, 2 customized instant alarms (AL1 & AL2), standard STEL and TWA readings, and datalogging. It stores up to one year of data and features an event-logger that records the past 15 alarm events.

Codification

Gas	Measure range	Incrément	Code
Ammonia	0-500 ppm NH ₃	1 ppm	18100060-6
Chlorine	0-100 ppm Cl ₂	0,1 ppm	18100060-7
Hydrogen cyanide	0-30 ppm HCN	0,1 ppm	18100060-B
Nitric dioxide	0-150 ppm NO ₂	0,1 ppm	18100060-4
Chlorine dioxide	0-1 ppm COCl ₂	0,01 ppm	18100060-8
Sulfur dioxide	0-150 ppm SO ₂	0,1 ppm	18100060-5
Hydrogen	0-2000 ppm H ₂	1 ppm	18100060-C
Hydrogen sulfide	0-500 ppm H ₂ S	0,1 ppm	18100060-2
Carbon monoxide	0-1500 ppm CO	1 ppm	18100060-1
Oxygen	0-30%/vol, O ₂	0,1 %/vol	18100060-3
Phosphine	0-10 ppm PH ₃	0,01 ppm	18100060-9
Data extraction system (Datalink)			18106260