

GasBadge PRO

Portable ATEX mono-gas detector, « DS2 compatible »

CL2 – CLO2 – CO – H2 – H2S – HCN – HN3 – NO2 – O2 – PH3 – SO2



TECHNICAL FEATURES

Built to Industrial Scientific's highest quality and reliability standards, **GasBadge® Pro** provides a lifetime of gas hazard protection with more features than any other single gas monitor available.

Interchangeable "smart" sensors enable the **GasBadge® Pro** to be quickly adapted to monitor unsafe levels of oxygen or any one of the toxic gases.

GasBadge® Pro communicates directly via an infrared interface to optional accessories like the Docking Station™, Datalink and infrared printer to further simplify and automate calibration, function (bump) testing and data downloading.

Standard STEL and TWA readings, and datalogging of up to one year of survey data are featured along with an event-logger that records the past 15 alarm events.

Housed in a rugged enclosure, the **GasBadge® Pro** is immune to RF, water resistant and extremely durable. A protective concussion-proof overmold protects the unit from extreme abuse in a variety of harsh industrial environments. Its simple and intuitive four-button navigation allows easy access to setup, operation and calibration functions.

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.
- Event logger can be viewed on PC or printed directly from the instrument to an infrared printer.



INTRODUCTION

Interchangeable « smart » sensors:

CL2 – CLO2 – CO – H2 – H2S – HCN – HN3 – NO2 – O2 – PH3 – SO2

Display:

Custom LCD with graphical icons for easy use. Segmented display for direct gas readings. Backlight for low light conditions

Alarms:

- User selectable low and high alarms
- Ultra-bright LEDs, loud audible alarm (95 dB) and vibrating alarm

Battery: User replaceable 3V, CR2 Lithium battery

Runtime: 2,600 hour run time typical

Case: Rugged, water-resistant polycarbonate shell with protective concussionproof overmold. RFI resistant

Dimensions: 9.4 cm x 5.08 mm x 2.79 mm (3.7" x 2" x 1.1")

Weight: 85 g (3 oz.)

Certifications:

- UL/cUL: Class I, Groups A,B,C,D T4; Class II, Groups E,F,G; Class I, Zone 0, AEx ia IIC T4
- CSA: Class I, Groups A B C D T4; Ex ia IIC T4
- ATEX: Ex ia I/Ex ia IIC T4; Equipment Group and Category: I M1/II 1G
- IECEx: Ex ia I/IIC T4
- ANZEx: Ex ia I/IIC T4
- INMETRO: Ex ia I Ma; Ex ia IIC T4 Ga
- China EX: Ex ia I/IIC T4
- KOSHA: Ex ia I/IIC T4

Ingress Protection: IP67