

# GASBADGE PRO

Single gas monitor with docking capability



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.

Featuring interchangeable “smart” sensors, these enable the GasBadge Pro to quickly adapt to monitor unsafe levels of Oxygen or any one of the following toxic gases: Carbon Monoxide, Hydrogen Sulphide, Nitrogen Dioxide, Sulfur Dioxide, Chlorine, Chlorine Dioxide, Phosphine, Ammonia, Hydrogen Cyanide and Hydrogen.

GasBadge Pro communicates directly via an infrared interface to optional accessories like the DSX™ Docking Station, Datalink and infrared printer to further simplify and automate calibration, 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 not only immune to RF but is water resistant and extremely durable, boasting an IP64 rating. A protective concussion-proof overmold protects the unit from extreme abuse in a variety of harsh conditions.

Its simple and intuitive four-button navigation allows easy operation and access to calibration functions.

With a lifetime warranty the GasBadge Pro is smart choice for single gas detection.

## KEY FEATURES

- Interchangeable “smart” sensors monitor O2 or any one of many toxic gases
- One year datalogging capability (minimum)
- Standard STEL and TWA
- DSX™ Docking Station compatible
- Lifetime warranty
- Extremely durable
- IP64 rating
- User adjustable alarm and calibration set points
- PPM or % by volume readout
- Low cost, easy maintenance

## RANGE OF GASES DETECTED

Sensor	Measuring range	Resolution
CO	0-1500ppm	1ppm
H <sub>2</sub> S	0-500ppm	0.1ppm
O <sub>2</sub>	0-30%by volume	0.1%
NO <sub>2</sub>	0-150ppm	0.1ppm
SO <sub>2</sub>	0-150ppm	0.1ppm
NH <sub>3</sub>	0-500ppm	1ppm
CL <sub>2</sub>	0-100ppm	0.1ppm
CLO <sub>2</sub>	0-1ppm	0.01ppm
PH <sub>3</sub>	0-10ppm	0.01ppm
HCN	0-30ppm	0.1ppm
H <sub>2</sub>	0-2000ppm	1ppm

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## OPTIONS & ACCESSORIES



The DSX™ docking Station easily maintains and ensures effortless management of your fleet, data and software updates from any web-enabled device. Know your gas detectors are ready for use every day, every shift without doubt.



The GasBadge™ Datalink allows you to instantly download alarm events and instrument details.

Quickly and easily configure your instrument preferences.

For a complete list of kits and accessories, please contact our friendly staff at GasTech

## SPECIFICATIONS Specifications subject to change without notice (July 14)

<b>Size</b>	9.4 x 5.08 x 2.79 cm / 3.7 x 2 x 1.1 in.	<b>Sensors</b>	CO, H <sub>2</sub> S, O <sub>2</sub> , NO <sub>2</sub> , SO <sub>2</sub> , NH <sub>3</sub> , CL <sub>2</sub> , CLO <sub>2</sub> , PH <sub>3</sub> , HCN, H <sub>2</sub> , CO/H <sub>2</sub> S Null
<b>Weight</b>	85g / 3oz.	<b>Warranty</b>	Warranted for as long as the unit is supported by Industrial Scientific Corporation
<b>Temperature</b>	-40 to +60°C / 40 to +140°F	<b>Certifications &amp; approvals</b>	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 M/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
<b>Humidity</b>	0% - 99% RH (non-condensing)	<b>IP Rating</b>	Third party certified IP64
<b>Alarms</b>	User selectable low and high alarms Ultra-bright LED's, loud audible alarm (95dB) and vibrating alarm	<b>Part number</b>	72-9031-XXX (XXX=gas)
<b>Display</b>	Custom LCD with graphical icons for ease of use Segmented display for direct gas readings Backlight for low light conditions "Go/No Go" display mode Peak reading indication		
<b>Typical battery life</b>	User replaceable 3V, CR2 Lithium battery, 2600 hour run-time, typical		
<b>Case:</b>	Rugged, water-resistant polycarbonate shell with protective concussion-proof overmold. RFI resistant		



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