

# Single Gas Portable Detector

## GasBadge Pro

- ▷ Full-featured, single gas detector
- ▷ Lifetime warranty
- ▷ Interchangeable sensors
- ▷ iNet™ Ready and Docking Station™ compatible



### Specification

GASBADGE PRO																																																					
Case	Rugged, water-resistant polycarbonate shell with protective concussion-proof overmold, RFI resistant.																																																				
Dimensions	3.7 x 2 x 1.1 inches (94 mm x 50.8 mm x 27.9 mm)																																																				
Weight	3 oz. (85 grams)																																																				
Measuring Ranges	<table border="1"> <thead> <tr> <th>Gas</th> <th>Symbol</th> <th>Range</th> <th>Increments</th> </tr> </thead> <tbody> <tr> <td>Carbon Monoxide</td> <td>CO</td> <td>0-1,500</td> <td>1 ppm</td> </tr> <tr> <td>Hydrogen Sulfide</td> <td>H2S</td> <td>0-500 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>Oxygen</td> <td>O2</td> <td>0-30% of volume</td> <td>0.10%</td> </tr> <tr> <td>Nitrogen Dioxide</td> <td>NO2</td> <td>0-150 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>Sulfur Dioxide</td> <td>SO2</td> <td>0-150 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>Ammonia</td> <td>NH3</td> <td>0-500 ppm</td> <td>1 ppm</td> </tr> <tr> <td>Chlorine</td> <td>Cl2</td> <td>0-100 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>Chlorine Dioxide</td> <td>ClO2</td> <td>0-1 ppm</td> <td>0.01 ppm</td> </tr> <tr> <td>Phosphine</td> <td>PH3</td> <td>0-10 ppm</td> <td>0.01 ppm</td> </tr> <tr> <td>Hydrogen Cyanide</td> <td>HCN</td> <td>0-30 ppm</td> <td>0.1 ppm</td> </tr> <tr> <td>Hydrogen</td> <td>H2</td> <td>0-2,000 ppm</td> <td>1 ppm</td> </tr> <tr> <td>CO/H2 Null</td> <td>CO/H2 Null</td> <td>0-1,000 ppm</td> <td>1 ppm</td> </tr> </tbody> </table>	Gas	Symbol	Range	Increments	Carbon Monoxide	CO	0-1,500	1 ppm	Hydrogen Sulfide	H2S	0-500 ppm	0.1 ppm	Oxygen	O2	0-30% of volume	0.10%	Nitrogen Dioxide	NO2	0-150 ppm	0.1 ppm	Sulfur Dioxide	SO2	0-150 ppm	0.1 ppm	Ammonia	NH3	0-500 ppm	1 ppm	Chlorine	Cl2	0-100 ppm	0.1 ppm	Chlorine Dioxide	ClO2	0-1 ppm	0.01 ppm	Phosphine	PH3	0-10 ppm	0.01 ppm	Hydrogen Cyanide	HCN	0-30 ppm	0.1 ppm	Hydrogen	H2	0-2,000 ppm	1 ppm	CO/H2 Null	CO/H2 Null	0-1,000 ppm	1 ppm
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Display	Custom LCD with graphical icons for easy use Segmented display for direct gas readings Backlight for low light conditions "Go/no-go" display mode Peak reading indication																																																				
Alarms	User selectable low and high alarms Ultra-bright LEDs, loud audible alarm (95 dB) and vibrating alarm																																																				
Battery/Runtime	User replaceable 3V, CR2 Lithium battery 2,600 hour runtime (typical)																																																				
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.																																																				
Datalogger	One year at one-minute intervals																																																				
Temperature Range	-20°C to 50°C typical																																																				
Humidity Range	0-99% RH (non-condensing), typical																																																				
Approvals:	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/II C T4 ANZEx: Ex ia I/II C T4 INMETRO: BR - Ex ia IIC T4 China EX: Ex ia I/II C T4 KOSHA: Ex ia I/II C T4																																																				

## Ordering Information

PART NUMBER	DESCRIPTION
18100060-1	GasBadge © Pro - Carbon Monoxide (CO)
18100060-2	GasBadge © Pro - Hydrogen Sulfide (H2S)
18100060-3	GasBadge © Pro - Oxygen (O2)
18100060-4	GasBadge © Pro - Nitrogen Dioxide (NO2)
18100060-5	GasBadge © Pro - Sulfur Dioxide (SO2)
18100060-6	GasBadge © Pro - Ammonia (NH3)
18100060-7	GasBadge © Pro - Chlorine (Cl2)
18100060-8	GasBadge © Pro - Chlorine Dioxide (ClO2)
18100060-9	GasBadge © Pro - Phosphine (PH3)
18100060-B	GasBadge © Pro - Hydrogen Cyanide (HCN)
18100060-C	GasBadge © Pro - Hydrogen (H2)
18100060-G	GasBadge © Pro - Carbon Monoxide/Low Hydrogen Interference (CO/H2 Null)

## Accessories

PART NUMBER	DESCRIPTION
18106302-ABC+	GasBadge © Pro DS2 Docking Station™ + DS2 Docking Station Ordering Information A = Wireless Option (currently unavailable) 0 - none B = number of iGas Readers at 0 - none 1 = 1 iGas Reader 2 = 2 iGas Readers 3 = 3 iGas Readers C = Power Cord Option (0 - US, 1 - UK, 2 - EU, 3 - AUS, 4 - ITA, 5 - DEN, 6 - SWZ)
18106260	GasBadge® Datalink - Software included
17121963	GasBadge® Neck Lanyard w/Safety Release
18106484	GasBadge® Pro Nylon Carrying Case
18106492	GasBadge® Pro 2-unit Nylon Carrying Case
17124504	Replacement water/dust sensor barriers (5 count)
17124033	Calibration Cup, GasBadge® Plus/Pro
18106674	Co Breath Sampler for GasBadge® Pro Monitor
17123019	Lithium Battery, 3V, GasBadge® Pro

All GasBadge® Pro Monitors include: attached suspender clip, calibration adapter and tubing, and operating instructions



DS2 with GasBadgePro



DataLink



GasBadge Pro Application



GasBadge Pro Application