GASBADGE® PRO
SINGLE GAS MONITOR

GasBadge® Pro is a single gas monitor built to Industrial Scientific's highest quality and reliability standards, providing a lifetime of gas hazard protection.

- Interchangeable sensors quickly adapt to monitor unsafe levels of oxygen or toxic gases

- Infrared interface

- Pair with GasBadge® Datalink to configure preferences and instantly download alarm events and instrument details

- Guaranteed for Life™ warranty

See all features and benefits at
www.indsci.com/gasbadgepro

SPECIFICATIONS

WARRANTY
Guaranteed for Life™. Instrument is warranted for as long as supported by Industrial Scientific Corporation (excluding sensors, batteries, and filters). CO, H_2S, and O_2 sensors are warranted for 2 years. All other sensors warranted for 1 year.

CASE MATERIAL
Rugged, water-resistant polycarbonate shell with protective concussion-proof overmold. RFI resistant.

DIMENSIONS
9.4 x 5.08 x 2.79 mm (3.7 x 2 x 1.1 in)

WEIGHT
85 g (3 oz)

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

SENSORS AND MEASURING RANGES

Carbon Monoxide (CO):	0-1,500 ppm in 1 ppm increments
Carbon Monoxide (CO/H_2 low):	0-1,500 ppm in 1 ppm increments
Hydrogen Sulfide (H_2S):	0-500 ppm in 0.1 ppm increments
Oxygen (O_2):	0-30% by vol in 0.1% increments
Nitrogen Dioxide (NO_2):	0-150 ppm in 0.1 ppm increments
Sulfur Dioxide (SO_2):	0-150 ppm in 0.1 ppm increments
Ammonia (NH_3):	0-500 ppm in 1 ppm increments
Chlorine (Cl_2):	0-100 ppm in 0.1 ppm increments
Chlorine Dioxide (ClO_2):	0-1 ppm in 0.01 ppm increments
Phosphine (PH_3):	0-10 ppm in 0.01 ppm increments
Hydrogen Cyanide (HCN):	0-30 ppm in 0.1 ppm increments
Hydrogen (H_2):	0-2,000 ppm in 1 ppm increments

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

INGRESS PROTECTION
Third-party certified IP64

TEMPERATURE RANGE
-40 ºC to 60 ºC (-40 ºF to 140 ºF) typical

HUMIDITY RANGE
0% to 99% RH (non-condensing) typical

EVENT LOGGING
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.

DATA LOGGING
1-year continuous storage of data

BATTERY RUN TIME
User replaceable 3V, CR2 Lithium battery, 2,600 hour run time, typical

SUPPLIED WITH MONITOR
Attached Cuspender Clip, Calibration Adapter and Tubing

GASBADGE®
DATALINK

- Instantly download alarm events and instrument details

- Quickly and easily configure instrument preferences

Standard GasBadge Pro configurations are listed below. To order the Australian-approved version, add an "A" as a suffix to the part number.

GASBADGE PRO MOST COMMON INSTRUMENT CONFIGURATIONS

PART NO.	DESCRIPTION
18100060-1	GasBadge Pro – Carbon Monoxide (CO)
18100060-2	GasBadge Pro – Hydrogen Sulfide (H_2S)
18100060-3	GasBadge Pro – Oxygen (O_2)
18100060-4	GasBadge Pro – Nitrogen Dioxide (NO_2)
18100060-5	GasBadge Pro – Sulfur Dioxide (SO_2)
18100060-6	GasBadge Pro – Ammonia (NH_3)
18100060-7	GasBadge Pro – Chlorine (Cl_2)
18100060-8	GasBadge Pro – Chlorine Dioxide (ClO_2)
18100060-9	GasBadge Pro – Phosphine (PH_3)
18100060-B	GasBadge Pro – Hydrogen Cyanide (HCN)
18100060-C	GasBadge Pro – Hydrogen (H_2)
18100060-G	GasBadge Pro – Carbon Monoxide/Low Hydrogen Interference (CO/H_2 Low**)

GasBadge® Datalink

- Instantly download alarm events and instrument details
- Quickly and easily configure instrument preferences

Nylon Carrying Case

GASBADGE PRO MAINTENANCE SOLUTIONS

PART NO.	DESCRIPTION

18109331-ABC -ABC	DSX Docking Station for GasBadge Pro
	A – DSX Mode:
	    0 = DSX Standalone
	    1 = DSXi Cloud-connected
	    2 = DSX-L Local Server
	B – Number of Gas Inlet Ports:
	    3 = 3 Ports
	C – Power Cord Type: 1 = North America,
	    2 = EU, 3 = AUS, 4 = UK

18109406	DSXi Cloud-connected Activation Certificate
18105684	iGas® Reader
18106260	GasBadge Datalink – Software included
17109919	Fresh air filter
17124033	GasBadge Pro Calibration Cup

GASBADGE PRO ACCESSORIES

PART NO.	DESCRIPTION
17121963	GasBadge Neck Lanyard with Safety Release
18106484	GasBadge Pro Nylon Carrying Case
17124504	Replacement water/dust sensor barriers (5 count)
17123019	GasBadge Pro CR2 Lithium Battery, 3V
17120528	Suspender Clip

GASBADGE PRO REPLACEMENT SENSORS

PART NO.	DESCRIPTION
17124983-1	Replacement sensor, Carbon Monoxide (CO)
17124983-2	Replacement sensor, Hydrogen Sulfide (H_2S)
17124983-3	Replacement sensor, Oxygen (O_2)
17124983-4	Replacement sensor, Nitrogen Dioxide (NO_2)
17124983-5	Replacement sensor, Sulfur Dioxide (SO_2)
17124983-6	Replacement sensor, Ammonia (NH_3)
17124983-7	Replacement sensor, Chlorine (Cl_2)
17124983-8	Replacement sensor, Chlorine Dioxide (ClO_2)
17124983-9	Replacement sensor, Phosphine (PH_3)
17124983-B	Replacement sensor, Hydrogen Cyanide (HCN)
17124983-C	Replacement sensor, Hydrogen
17124983-G*	Replacement sensor, Carbon Monoxide (H_2 Low**)

** Low Hydrogen Interference