



## 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](http://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<sub>2</sub>S, and O<sub>2</sub> 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 <sub>2</sub> low):	0-1,500 ppm in 1 ppm increments
Hydrogen Sulfide (H <sub>2</sub> S):	0-500 ppm in 0.1 ppm increments
Oxygen (O <sub>2</sub> ):	0-30% by vol in 0.1% increments
Nitrogen Dioxide (NO <sub>2</sub> ):	0-150 ppm in 0.1 ppm increments
Sulfur Dioxide (SO <sub>2</sub> ):	0-150 ppm in 0.1 ppm increments
Ammonia (NH <sub>3</sub> ):	0-500 ppm in 1 ppm increments
Chlorine (Cl <sub>2</sub> ):	0-100 ppm in 0.1 ppm increments
Chlorine Dioxide (ClO <sub>2</sub> ):	0-1 ppm in 0.01 ppm increments
Phosphine (PH <sub>3</sub> ):	0-10 ppm in 0.01 ppm increments
Hydrogen Cyanide (HCN):	0-30 ppm in 0.1 ppm increments
Hydrogen (H <sub>2</sub> ):	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 °C to 60 °C (-40 °F to 140 °F) 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 <sub>2</sub> S)
18100060-3	GasBadge Pro – Oxygen (O <sub>2</sub> )
18100060-4	GasBadge Pro – Nitrogen Dioxide (NO <sub>2</sub> )
18100060-5	GasBadge Pro – Sulfur Dioxide (SO <sub>2</sub> )
18100060-6	GasBadge Pro – Ammonia (NH <sub>3</sub> )
18100060-7	GasBadge Pro – Chlorine (Cl <sub>2</sub> )
18100060-8	GasBadge Pro – Chlorine Dioxide (ClO <sub>2</sub> )
18100060-9	GasBadge Pro – Phosphine (PH <sub>3</sub> )
18100060-B	GasBadge Pro – Hydrogen Cyanide (HCN)
18100060-C	GasBadge Pro – Hydrogen (H <sub>2</sub> )
18100060-G	GasBadge Pro – Carbon Monoxide/Low Hydrogen Interference (CO/H <sub>2</sub> Low**)

#### 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 REPLACEMENT SENSORS

PART NO.	DESCRIPTION
17124983-1	Replacement sensor, Carbon Monoxide (CO)
17124983-2	Replacement sensor, Hydrogen Sulfide (H <sub>2</sub> S)
17124983-3	Replacement sensor, Oxygen (O <sub>2</sub> )
17124983-4	Replacement sensor, Nitrogen Dioxide (NO <sub>2</sub> )
17124983-5	Replacement sensor, Sulfur Dioxide (SO <sub>2</sub> )
17124983-6	Replacement sensor, Ammonia (NH <sub>3</sub> )
17124983-7	Replacement sensor, Chlorine (Cl <sub>2</sub> )
17124983-8	Replacement sensor, Chlorine Dioxide (ClO <sub>2</sub> )
17124983-9	Replacement sensor, Phosphine (PH <sub>3</sub> )
17124983-B	Replacement sensor, Hydrogen Cyanide (HCN)
17124983-C	Replacement sensor, Hydrogen
17124983-G*	Replacement sensor, Carbon Monoxide (H <sub>2</sub> Low**)

\*\* Low Hydrogen Interference



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**DATALINK**

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Nylon Carrying Case

#### 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

