

## GASMAN



**Detecting Gas Saving Lives** 

# THE SMALLEST, MOST USER-FRIENDLY SINGLE-GAS DETECTOR ON THE MARKET.

Designed as a personal safety monitor, the wearable Gasman detector is a flexible, easy-to-use device.

It is ideal for use in industries such as oil & gas, chemical plants (with release of exotic gases), steel works (CO), the wine-production industry ( $CO_2$ ), and waste and water treatment plants.

It is lightweight and compact, with high impact resistance. Its large LCD display ensures clear viewing of gas level readings, alarm conditions and battery life. Alarm setpoints can be adjusted by the user before and after detector activation.





### **TECHNICAL DATA**

**Size:** 3.5 x 1.9 x 0.9 in. (9.0 x 4.8 x 2.4 cm)

**Weight:** Flammable 4,9 oz (138g), Toxic 3 oz (85g), Oxygen 4.6 oz (129g), Carbon dioxide 4.9 oz (139g)

#### **Operating time:**

12 hours minimum for flammable unit (rechargeable version) Up to 2 years (non rechargeable version)

**Temperature:** -4°F to +149°F (-20°C to +65°C)

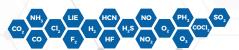
Humidity: 20 to 90 % RH (non condensing)

**Protection Class: IP65** 

**Display:** Custom LCD with backlight and display of gas concentration. Graphic symbols for battery (with proportional indication of remaining operation time), and display mode. Start up indication when calibration is due within 30 days, calibration overdue or service required.

Alarms: Visual (Red and Blue LEDs), audible (95 dB) and vibrating

**Datalogging:** Full timed data logging with adjustable sample rate, set to 1 min. Data rate as default. 900 hours storage at 1 min. interval (54,000 logs), >4800 events.



## SENSOR SPECIFICATION

	Gas	Measuring Range
	Ammonia (NH <sub>3</sub> )	0-1000 ppm
	Carbon monoxide (CO)	0-500 ppm
	Carbon dioxide (CO <sub>2</sub> )	0-5%
	Carbon monoxide (H <sub>2</sub> filtered)	0-500 ppm
•//	Chlorine (Cl <sub>2</sub> )	0-20 ppm
	Chlorine Dioxide (CIO)	0-1 ppm
	Ethylene Oxide (ETO)	0-10 ppm
	Flammable	0-100% LEL
	Fluorine (F <sub>2</sub> )	0-1 ppm
	Hydrogen (H₂)	0-2,000 ppm
	Hydrogen cyanide (HCN)	0-25 ppm
	Hydrogen fluoride (HF)	0-10 ppm
	Hydrogen sulphide (H₂S)	0-250 ppm
	Nitric oxide (NO)	0-100 ppm
	Nitrogen dioxide (NO <sub>2</sub> )	0-20 ppm
	Oxygen (O <sub>2</sub> )	0-25%
	Ozone (O <sub>3</sub> )	0-1 ppm
	Phosphine (PH <sub>3</sub> )	0-5 ppm
	Phosgene (COCI <sub>2</sub> )	0-1 ppm
	Sulphur dioxide (SO <sub>2</sub> )	0-20 ppm

# GASMAN CO,

The smallest, easiest to use infrared single-gas  $\mathrm{CO}_2$  detector.

Designed as a personal safety monitor, the Gasman CO<sub>2</sub> can be used in tricky environments such as wine and cereal production sites and breweries, as well in the refrigeration industry.



It stands out because of its infrared sensor technology, which ensures excellent stability, less interference and a very long service lifetime (>60 months).