BE ATEX

GASMAN

CROWCON
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 alarms

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.

GASMAN CO_2

The smallest, easiest to use infrared single-gas CO_2 detector.

Designed as a personal safety monitor, the Gasman CO_2 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).

SENSOR SPECIFICATION

Gas	Measuring Range
Ammonia (NH_3)	0-1000 ppm
Carbon monoxide (CO)	0-500 ppm
Carbon dioxide (CO_2)	0-5%
Carbon monoxide (H_2 filtered)	0-500 ppm
Chlorine (Cl_2)	0-20 ppm
Chlorine Dioxide (CIO)	0-1 ppm
Ethylene Oxide (ETO)	0-10 ppm
Flammable	0-100% LEL
Fluorine (F_2)	0-1 ppm
Hydrogen (H_2)	0-2,000 ppm
Hydrogen cyanide (HCN)	0-25 ppm
Hydrogen fluoride (HF)	0-10 ppm
Hydrogen sulphide (H_2S)	0-250 ppm
Nitric oxide (NO)	0-100 ppm
Nitrogen dioxide (NO_2)	0-20 ppm
Oxygen (O_2)	0-25%
Ozone (O_3)	0-1 ppm
Phosphine (PH_3)	0-5 ppm
Phosgene ($COCl_2$)	0-1 ppm
Sulphur dioxide (SO_2)	0-20 ppm

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