Gasman CO2

Carbon dioxide detection you can trust

1) Simplest carbon dioxide monitoring for ambient air
2) Highly accurate infra-red sensing technology
3) Inherently reliable, shockproof and weather protected
4) Proven Gasman technology
5) Intelligent sensors and self-checking functionality
6) Meets the requirements of toxic gas performance standard EN45544

Simple
• True one button operation
• Easy to read LCD display with backlight
• Clear indication of operating status
• 30 days advance calibration due warning

Assurance
• 95dBA audible alarm
• Striking twin red/blue visual alarm
• Internal vibrating alarm
• 2 levels of instantaneous alarm
• Time weighted average alarms

Robust
• Tough polycarbonate housing
• Full elastomeric overmoulding
• High impact resistance
• IP65 compliant

Flexible
• 54,000 reading data logging storage capacity
• 4,800+ event logging capacity
• Wide range of accessories
• PC software support

Specification

Weight	130g (4.59oz)	
Dimensions	90x48x24mm (3.5x1.9x0.95inch) HxWxD	
Range and Alarms	Range 0-5.00% v/v Alarm 1 0.50% v/v Alarm 2 1.50% v/v 8 hour TWA 0.50% v/v 15 mins TWA 1.50% v/v	
Alarm settings vary depending on territory		
Typical response times T90	30 seconds	
Audible Alarms	95dBA Multiple alarm sounds allow selection of distinctive tones for different alarm levels.	
Visible Alarms	Dual colour red/blue flashing LEDs in gas hazard	
Vibrating Alarm	Internal vibrating alarm	
Display	Custom LCD with backlight, with 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.	
Display Mode	Normal display for real time gas concentration levels. Display recall for Peak readings and TWA.	
Datalogging	Full timed datalogging with adjustable sample rate, set to 1 minute data rate. 900 hours storage at 1 minute interval. >4800 capacity event logging to record all instrument events including: Switch on/off, Battery status, Alarms activate/clear including peak values of response, Gas Test pass or fail. All events are time stamped	
BatteryType	Rechargeable Li-ion battery	
Operating Time	>24 hours	
Sampling	Optional manual aspirator	
Operating temp, range	–20°C to +55°C (-4°F to +131°F)	
Humidity	0-99% RH	
Standards	EN50270, EN50271, EN45544	
PC Interface	RS232 connection from Interface module in charger. RS232/USB convertor lead available	

Autocalibrator	Gasman can be routinely calibrated using Crowcon Checkbox or by using Portables PC software
Accessories	Gasman is supplied with an integral alligator clip.
Charger	Single way drop in charger with options of UK, European or US style plug in mains supplies, or in line 110VAC, 230VAC or universal supplies. Optional PC interface module within the single way charger. Vehicle lighter socket lead available. 5 way multicharger with universal power supply.

Optional accessories include: universal harness plate, shoulder strap, chest harness straps, aspirator assembly (flow plate, bulb and 2m/6ft tubing) and Gas Test Kit.

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