

Carbon Monoxide Detection Devices

Carbon Monoxide Leak Detector

Spygas CO



The Spygas CO combines the highest capacity sensor in its class with the easiest one-button operation. With a maximum carbon monoxide range of 10,000ppm, the Spygas CO will tolerate extreme operating conditions without the risk of sensor poisoning, ensuring long life with fast, reliable readings.

The Spygas CO is designed to provide easy access for hard to reach areas around pipe work, whilst fitting easily into work clothes and tool pouches. The tough plastic enclosure provides years of trouble free operation, with all operation being controlled by a single button.

Both audible and digital visual indicators allow the precise measurement of CO, whilst the automatically operated back light provides clear displays in dark conditions.

Features

Measures:

- Carbon Monoxide to 10,000ppm
- Ambient background CO levels over a 15 minute period
- Highest recorded value flashes at end of test (complies with BS7967)
- One touch button operation
- Quick and easy calibration

Construction:

- Robust design
- Splash proof
- Easy to Use Menu
- Slim enough to fit into overalls and tool pouches
- Easy to reach around pipe work and other inaccessible areas
- Optional hard carry case
- Long battery life (around 50 hours from 2 off AA cells)

Alarm:

- Geiger counter style click in normal operation
- Crescendo alarm, rising with concentration levels
- Two-tone warning alarm over 30ppm
- Audible warning after 15 minute room test completion

Display:

- Digital Display to 1ppm resolution
- Displays up to 999ppm
- "Hi" Alarm message over 1,000ppm
- Automatic back light
- Battery level indicator

Usage:

- CO emissions from boilers
- CO emissions from hot air furnaces
- Combustion checks on fires, grills and hobs
- Ambient CO room levels

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Spygas CO



Specification

Sensor

Sensor Type:	Carbon Monoxide
Maximum Range:	10,000ppm
Resolution:	1 ppm (up to 999ppm)
Filter Type:	Cross filtered electrochemical
Stabilisation Time:	20 seconds from power on
Response Time:	Less than 5 seconds
Calibration Period:	Every 12 months

Display

Display Type:	LCD with digital reading (up to 999ppm)
Display Range:	0-999ppm Above 999ppm, display reverts to "Hi"
Back light:	Automatic photoelectric operation, blue in colour
Battery Display:	5 level battery life indicator with on indicator

Audible Alarm

Alarm Type:	Crescendo up to maximum
Alarm frequency:	1Hz tick at 0ppm rising to 2.7KHz at 30ppm
Alarm Mode:	Over 30ppm, extended volume two-tone warning
Self Check:	Audible alarm on successful power on

Dimensions

Unit Size	Width: 24mm (1") min 38mm (1.5") max Length: 254mm (10") Height: 28mm (1.1") max
Weight:	100g (3.5oz)

Ambient CO Room Test Mode

Operation:	Automatic upon successful power on test
Time Period:	Pre-set for 15 minutes with two-tone alarm when test period expires
Logging Function:	After 15 minutes, highest logged CO value flashes on display
Compliance:	Designed to meet requirements of BS7967

Battery

Batteries:	2 off type AA alkaline (supplied as standard), Ni-Cd or Ni-MH
Battery Life (alkaline):	30 hours back light on (intermittent use) 50 hours back light off (intermittent use)
Logging Function:	After 15 minutes, highest logged CO value flashes on display
Compliance:	Designed to meet requirements of BS7967

Warranty

Duration:	12 months against faulty components or manufacture
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EMC

Compliance:	Compliant to EMC standard EN50270:1999
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