

# GasAlert100

H<sub>2</sub>S or CO

"INNOVATORS IN GAS DETECTION"



## 100 Day Disposable Gas Detector



ACTUAL SIZE

### Protect Yourself

- △ 100 days of protection with no maintenance costs—ideal for employees and contractors for short-term work projects
- △ Continuous, alphanumeric LCD shows detector life remaining, alarm setpoints and advises self-test status
- △ Records and displays the peak alarm encountered and the time elapsed since the event occurred
- △ Confidence LCD display advises instrument is on and functioning
- △ Two alarm levels (low/high)
- △ Wide-angled visual alarm bar visible from all angles
- △ Provides 95 dB (typical) alarm tone
- △ Compact (1.0 x 1.45 x 2.3 inches / 26 x 37 x 58 mm) and lightweight (1 oz. / 30 g)
- △ Maintenance free—no sensor or battery replacement, no calibration, no down time
- △ Full function self-test of: audible/visual alarms plus integrity of sensor, battery and circuitry
- △ Continuously on—one button activation and test
- △ High-tension stainless steel pocket/belt clip
- △ Instructions in local languages included



**ATEX**



and  
others

### Ordering Information

GA100-H 100 day H<sub>2</sub>S detector  
GA100-M 100 day CO detector

Note: Models above are available with special alarm setpoints.

#### Accessories

GA-TS04 GasAlert100 automatic test station  
GA-HC-1 Hard hat clip  
GA100-CD1 Interactive product demo CD-ROM



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# GasAlert100

H<sub>2</sub>S or CO

## 100 Day Disposable Gas Detectors

The GasAlert100 is a practical, cost-effective solution to short-term work projects. The GasAlert100 provides 100 days of continuous, maintenance-free operation from the day of activation. Operated by an advanced microcontroller and electrochemical sensor, GasAlert100 is equipped with two levels of alarm and a continuous, alphanumeric confidence LCD.

Simply press the START/TEST button and the GasAlert100 is ready for use. The life remaining is displayed in days and then hours. The full function self-test verifies sensor, circuit and battery integrity and audible/visual alarms. Alarm setpoints are displayed on command.

The rugged, compact GasAlert100 is designed with the most advanced RFI protection available in industry today. Simply clip the instrument to your lapel, pocket, belt or hard hat for unequalled protection.

## SPECIFICATIONS

**DETECTOR:** Disposable, zero-maintenance gas detector

Model:	GasAlert100 H <sub>2</sub> S	GasAlert100 CO
Operational life <sup>1</sup> :	100 days	100 days
Sensor range:	0-100 ppm	0-300 ppm
Low alarm level <sup>2</sup> :	10 ppm	35 ppm
High alarm level <sup>2</sup> :	15 ppm	200 ppm
Operating temperature:	-22 to +113 °F -30 to +45 °C	+5 to +113 °F -15 to +45 °C
Calibration:	Not required	

<sup>1</sup>Given 3-5 minutes of alarm per day in normal operation

<sup>2</sup>Customer special alarm settings available

Continuously on: Yes  
 One-button control: Activation and self-test  
 Full function self-test: Verifies sensor, circuitry and battery integrity and audible/visual alarms  
 Sensor: Electrochemical cell (temperature compensated)

### INDICATORS AND ALARMS

Visual gas alarm: Flashing, wide-angled alarm lens with dual red LEDs plus ALARM LCD readout  
 Audible gas alarm: Pulsing siren 95 dB at 1 ft./0.3 m (typical)  
 Failure alarm: Yes (audible/visual)  
 Self-test pass: Yes (audible/visual)  
 Other: End of life (audible/visual)

### CONTINUOUS LCD DISPLAY:

Alphanumeric status panel LCD advises:  
 Gas monitored: H<sub>2</sub>S or CO  
 Life remaining: Continuously displayed in days and then hours  
 Two alarm levels: LOW alarm / HIGH alarm  
 Peak alarm levels: Records and displays peak alarm exposure, and time elapsed (up to 24 hrs.)  
 Alarm setpoints: High and low (displayed on demand in ppm)  
 Self-test status: Advises to "TEST" and that self-test was passed "✓"

### TESTS

Full function self-test: On demand, as often as once every 20 hours and on activation  
 Battery: Every two hours (auto)

### GENERAL SPECIFICATIONS:

Impact-resistant ABS enclosure  
 Ingress Protection: IP65  
 Humidity: 5% to 95% RH (non-condensing)  
 EMI/RFI: Complies with EMC Directive 89/336/EEC  
 Battery: Lithium, non-replaceable  
 Size: 1.0 x 1.45 x 2.3 inches / 26 x 37 x 58 mm  
 Weight: 1 oz. / 30 g

**WARRANTY:** 100 days from activation plus 1 year shelf life

*DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.*

**RATINGS AND CERTIFICATIONS:**  
 (Intrinsic safety)



Class I, Div. 1, Gr. A, B, C, D

**ATEX:** CE II 1 G  
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"INNOVATORS IN GAS DETECTION"

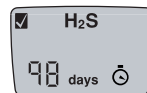


- FULL FUNCTION DAILY SELF-TEST
- TWO LEVELS OF GAS ALARM
- 95 dB AUDIBLE ALARM (TYPICAL)
- SUPERIOR RFI PROTECTION
- RUGGED ENCLOSURE
- ADVANCED MICROCONTROLLER OPERATION
- BRIGHT, WIDE-ANGLED VISUAL ALARM BAR



Interactive Product Demo CD-ROM

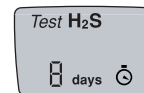
### Full information STATUS panel



▲ Displays life remaining in days and hours



▲ Advises alarm level encountered (LOW/HIGH)



▲ Display automatically advises self-test is due



▲ Displays alarm setpoints in ppm

### Locally distributed by:

