



GasAlert

H₂S, CO, SO₂, Cl₂, HCN, NO₂ or O₂

Single-Gas Detectors



ACTUAL SIZE

Protect Yourself

- △ Continuous LCD shows real-time gas concentration with backlight—low light (auto); in alarm (auto) and on demand
- △ Small size (1.1 x 2.0 x 3.75 in. / 28 x 50 x 95 mm) and lightweight (2.9 oz. / 83 g)
- △ Provides 90 dB tone and bright LED indication on alarm
- △ 3-year battery life (9,000 hours)
- △ Available with internal vibrating alarm
- △ Equipped with plug-in replaceable sensors
- △ Simple auto-zero and calibration procedure
- △ Peak value displayed on command (in ppm or %)
- △ LOW, HIGH and TWA alarms with adjustable setpoints
- △ TWA (Time Weighted Average) values are recorded and displayed to evaluate the cumulative exposure danger and to aid regulatory compliance
- △ Classified intrinsically safe by UL to U.S. and Canadian standards, Cenelec certified, certified in Australia
- △ Full function self-test of: sensor, battery and circuitry integrity; and audible/visual alarms
- △ Pocket/belt clip, test cap and hose, battery and instructions in local languages included



Plus
Others

ISO 9001

Ordering Information

GasAlert Detectors

(Standard)

| | |
|-------|------------------|
| GA-H | H ₂ S |
| GA-M | CO |
| GA-S | SO ₂ |
| GA-C | Cl ₂ |
| GA-Z | HCN |
| GA-D | NO ₂ |
| GA-2X | O ₂ |

(with Internal Vibrator Alarm)

| | |
|--------|------------------|
| GAA-H | H ₂ S |
| GAA-M | CO |
| GAA-S | SO ₂ |
| GAA-C | Cl ₂ |
| GAA-Z | HCN |
| GAA-D | NO ₂ |
| GAA-2X | O ₂ |

Note: For Factory Password Protect option, add suffix: "-5"

Accessories

| | |
|-------------|-----------------------------|
| GA-HC-1 | Hard hat clip |
| GA-AG-1 | Alligator clip |
| GA-BALERT | Concussion-proof boot |
| GA-VIB3 | Remote vibrator alarm |
| GA-HL-R3 | Remote audible/visual alarm |
| GA-SS | Sensor screen (kit of 10) |
| GALERT-CD1 | Training CD |
| GALERT-VID | Training Video (VHS) |
| GALERT-VID2 | Training Video (PAL) |

Replacement Sensors

| | | | |
|----------|------------------|---------|-----------------|
| PS-RH04S | H ₂ S | PS-RC10 | Cl ₂ |
| PS-RM04 | CO | PS-RD04 | NO ₂ |
| PS-RS04 | SO ₂ | PS-RZ10 | HCN |
| | | SR-X10 | O ₂ |

www.gasmonitors.com

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GasAlert

H_2S , CO , SO_2 , Cl_2 , HCN ,
 NO_2 , or O_2

Single-Gas Detector

GasAlert provides extraordinary cost of ownership advantages. These include simple automated calibration, 3-year (9,000 hour) lithium battery (available in local stores) and simple one-button control. All of these features lower your training and maintenance costs. Operated by an advanced microcontroller and a plug-in electrochemical sensor, the GasAlert is equipped with high output audible/visual alarms.

The bright, large LCD shows real-time gas concentrations and the instrument's status at all times. The full function self-test verifies sensor, circuitry and battery integrity and activates the audible/visual alarms each time you turn the instrument on. The detector clearly advises the gas hazard present—Low, High, or TWA gas alarm. Recorded TWA and Peak exposures can be displayed on demand.

The compact, rugged GasAlert is designed with the most advanced RFI protection available today. Delivered ready for use, simply clip the instrument to your lapel, pocket, belt or hard hat for unequalled protection.

"INNOVATORS IN GAS DETECTION"



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BW1000-01-01-00-8.25x11-5000-3

SPECIFICATIONS

DETECTOR: Single-gas detector

| GasAlert for: | Measuring Range | Alarm Setpoints ¹ (Factory defaults are shown. Alarm levels are field-adjustable.) | | | Operating Temperature |
|-------------------------------|-----------------|---|-----------|------------|---------------------------------|
| | | Low Alarm | TWA Alarm | High Alarm | |
| Hydrogen Sulfide (H_2S): | 0 – 100 ppm | 10 ppm | 10 ppm | 15 ppm | -40 to +50 °C -40 to +122 °F |
| Carbon Monoxide (CO): | 0 – 999 ppm | 35 ppm | 35 ppm | 200 ppm | |
| Sulfur Dioxide (SO_2): | 0 – 100 ppm | 2 ppm | 2 ppm | 5 ppm | -20 to +50 °C -4 to +122 °F |
| Chlorine (Cl_2): | 0 – 50.0 ppm | 0.5 ppm | 0.5 ppm | 1.0 ppm | |
| Hydrogen Cyanide (HCN): | 0 – 30.0 ppm | 4.7 ppm | 4.7 ppm | 10 ppm | |
| Nitrogen Dioxide (NO_2): | 0 – 99.9 ppm | 3.0 ppm | 3.0 ppm | 5.0 ppm | |
| Oxygen (% by vol.) (O_2): | 0 – 30.0% | 19.5% | N/A | 23.5% | |

Auto zero: Yes
Calibration: Automatic
Backlight: Low light (auto); alarm condition (auto); on demand
Full function self-test: Verifies integrity of sensor, circuitry and battery; audible/visual alarms
Sensor: Plug-in, electrochemical cell (temperature compensated)

INDICATORS AND ALARMS: Clearly advises alarm levels both visually and audibly
Visual alarm: Flashing, wide-angled alarm lens with dual red LEDs plus ALARM LCD readout
Audible alarm: High-output, pulsing 90 dB at 1 ft. (0.3 m)
Confidence beep: Every 5 seconds (field selectable)
Other: Low battery; Off warning; Sensor fail
Optional internal vibrator: Vibrates in sync with audible and visual alarms

CONTINUOUS LCD DISPLAY: Alphanumeric gas readout and status display advises:
Gas ppm or %: Continuously displays gas concentration present
TWA ppm or %: Records and displays on demand
Peak ppm or %: Records and displays peak exposure to gas on demand
Setpoints: Displayed on activation (auto) and on demand in ppm or %

TESTS

Full function self-test: Full function self-test on activation (auto)
Battery: Continuous (auto)

GENERAL SPECIFICATIONS: Shock-resistant ABS enclosure
Humidity: 5% to 95% RH (non-condensing)
EMI/RFI: Complies with EMC Directive 89/336/EEC
Battery: 3-volt lithium (camera battery available locally)
Battery Life: 3 years (9,000 hours)
Size: 1.1 x 2.0 x 3.75 inches (28 x 50 x 95 mm)
Weight: 2.9 oz. (83 g)

WARRANTY: 2 years including all sensors

¹HIGH alarm takes precedence over TWA alarm. TWA alarm takes precedence over LOW alarm.

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

RATINGS AND CERTIFICATIONS: (Intrinsic Safety) **UL** Class I, Div. 1, Groups A, B, C, D Class I, Zone 0, Gr. IIC **GENELEC** EEx ia IIC CE European Conformity **Australia** AUS Ex ia s IIC T4



- 1 LARGE ALPHANUMERIC DISPLAY
- 2 ADVANCED MICROCONTROLLER BASED OPERATION
- 3 ELECTROCHEMICAL SENSOR
- 4 BRIGHT, WIDE-ANGLED, VISUAL ALARM LENS
- 5 HIGH-OUTPUT 90 dB AUDIBLE ALARM
- 6 AUTO ZERO
- 7 AUTO BACKLIGHT
- 8 LOW, HIGH AND TWA ALARMS
- 9 RUGGED, COMPACT, LIGHTWEIGHT



TRAINING CD-ROM

Full Information STATUS Panel with easy prompts



△ Advises alarm level encountered (LOW/HIGH/TWA)



△ Auto-zero and easy prompted calibration



△ Records and displays Peak (Max) exposure



△ LOW battery

Locally Distributed By:

