

GasAlert

H₂S, CO, SO₂, Cl₂, HCN, NO₂, NH₃, PH₃ or O₂

"INNOVATORS IN GAS DETECTION"



Single-Gas Detectors



ACTUAL SIZE

Protect Yourself

- ▲ Continuous LCD shows real-time gas concentration with backlight in low light (auto); in alarm (auto) and on demand
- ▲ Compact (1.1 x 2.0 x 3.75 in. / 28 x 50 x 95 mm) and lightweight (2.9 oz. / 83 g)
- ▲ Provides 85 dB tone at 12 in. / 30 cm (typical) and bright LED indication on alarm
- ▲ 3-year battery life (9,000 hours)
- ▲ Available with internal vibrating alarm
- ▲ Equipped with plug-in, replaceable sensor
- ▲ Simple auto-zero and calibration procedure
- ▲ Peak value displayed on command (in ppm or %)
- ▲ LOW, HIGH, TWA and STEL 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, circuitry integrity and audible/visual alarms
- ▲ Pocket/belt clip, test cap and hose, battery, and instructions in local languages included
- ▲ Turn password protection on or off
- ▲ Turn latching alarms on or off



Now Available
for NH₃ and PH₃

Ordering Information

GasAlert Detectors

(Standard)		(with Internal Vibrator Alarm)	
GA-H	H ₂ S	GAA-H	H ₂ S
GA-M	CO	GAA-M	CO
GA-S	SO ₂	GAA-S	SO ₂
GA-C	Cl ₂	GAA-C	Cl ₂
GA-Z	HCN	GAA-Z	HCN
GA-D	NO ₂	GAA-D	NO ₂
GA-A	NH ₃	GAA-A	NH ₃
GA-P	PH ₃	GAA-P	PH ₃
GA-2X	O ₂	GAA-2X	O ₂

Accessories and Spares

GA-SPAK	SamplerPak (North American approvals)
GA-SPAK02	SamplerPak (European approvals)
SP-CPROB1	Collapsible Sampling probe (3.3 ft. / 1 m)
GA-HC-1	Hard hat clip
GA-AG-2	Alligator clip (stainless-steel)
GA-AG-1	Alligator clip (non-conductive)
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)
GA-TS03	Automatic Test Station

Note: Add suffix for delivery with 220 VAC charger:

Europe: -EU United Kingdom: -UK Australia: -AU

Replacement Sensors

PS-RH04S	H ₂ S	PS-RC10	Cl ₂	SR-A04	NH ₃
PS-RM04	CO	PS-RD04	NO ₂	SR-X10	O ₂
PS-RS04	SO ₂	PS-RZ10	HCN	SR-P04	PH ₃

www.gasmonitors.com

Email: info@bwt.net



GasAlert

H_2S , CO , SO_2 , Cl_2 , HCN , NO_2 ,
 NH_3 , PH_3 or O_2

Single-Gas Detector

The GasAlert provides extraordinary cost of ownership advantages. These include automated calibration, 3-year lithium battery (available in local stores) and simple, one-button control. Each of these features lowers your training and maintenance costs. Operated by an advanced microcontroller and an 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, TWA and STEL gas alarm. Recorded TWA, STEL 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 pocket, belt or hard hat for unequalled protection.

"INNOVATORS IN GAS DETECTION"



For further information:

1-888-749-8878 **America**
1-800-663-4164 **Canada**
+44 (0) 1869 233004 **Europe**
+971-4-8871766 **Middle East**
+61-7-3818-8244 **Australia**
+852-2974-1783 **China**
+65-687-39813 **South East Asia**
+1-403-248-9226 **Other Countries**

Corporate Headquarters

2840 - 2 Avenue S.E.
Calgary, AB, Canada T2A 7X9
Phone: +1-403-248-9226
Fax: +1-403-273-3708

E-mail: info@bwnet.com
www.gasmonitors.com

BW1000-01-01-00-8.25x11-20031121-5250-11

SPECIFICATIONS

DETECTOR: Single-gas detector

GasAlert for:	Measuring Range	Alarm Setpoints ¹ (Factory defaults are shown. Alarm levels are field-adjustable.)				Operating Temperature
		TWA Alarm	STEL Alarm	Low Alarm	High Alarm	
Hydrogen Sulfide (H_2S)	0-100 ppm	10 ppm	15 ppm	10 ppm	15 ppm	-40 to +45 °C -40 to +113 °F
Sulfur Dioxide (SO_2)	0-100 ppm	2 ppm	5 ppm	2 ppm	5 ppm	
Hydrogen Cyanide (HCN)	0-30.0 ppm	4.7 ppm	10.0 ppm	4.7 ppm	10.0 ppm	
Carbon Monoxide (CO)	0-999 ppm	35 ppm	200 ppm	35 ppm	200 ppm	-30 to +45 °C -22 to +113 °F
Chlorine (Cl_2)	0-50.0 ppm	0.5 ppm	1.0 ppm	0.5 ppm	1.0 ppm	
Nitrogen Dioxide (NO_2)	0-99.9 ppm	2.0 ppm	5.0 ppm	2.0 ppm	5.0 ppm	-20 to +45 °C -4 to +113 °F
Ammonia (NH_3)	0-100 ppm	25 ppm	35 ppm	25 ppm	50 ppm	
Phosphine (PH_3)	0-5.0 ppm	0.3 ppm	1.0 ppm	1.0 ppm	2.0 ppm	
Oxygen (%by vol.) (O_2)	0-30.0%	N/A	N/A	19.5 %	23.5%	

¹The HIGH Alarm and STEL Alarm have the same highest alarm priority. The LOW Alarm overrides the TWA Alarm.

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 85 dB at 1 ft. / 0.3 m (typical)
Alarm options: Turn latching alarm and password protection on or off
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 and STEL ppm or %: Records and displays on demand
Peak ppm or %: Records and displays peak (maximum) 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: Impact-resistant ABS enclosure
Humidity: 5% to 95% RH (non-condensing) (15% to 90% non-condensing for PH_3 and NH_3)
EMI/RFI: Complies with EMC Directive 89/336/EEC
Battery type: 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 sensor, except NH_3 (one year)

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
Class I, Zone 0, Gr. IIC

ATEX: CE II 2 G
EEx ia d IIC

CE: European Conformity
Australia: AUS Ex ia IIC



- LARGE, ALPHANUMERIC DISPLAY
- ADVANCED, MICROCONTROLLER-BASED OPERATION
- ELECTROCHEMICAL SENSOR
- BRIGHT, WIDE-ANGLED, VISUAL ALARM BAR
- HIGH-OUTPUT, 85 dB AUDIBLE ALARM (TYPICAL)
- AUTO ZERO
- AUTO BACKLIGHT
- LOW, HIGH, TWA AND STEL ALARMS
- RUGGED, COMPACT, LIGHTWEIGHT



Training CD-ROM

Full information status panel with easy prompts:



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



△ Auto zero and easy prompted calibration



△ Records and displays Peak (Max) exposure



△ LOW battery

Locally distributed by:

