

# GasAlertMicro

H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, Combustibles

"INNOVATORS IN GAS DETECTION"

# BW

Technologies



## Multi-Gas Detector



### Protect Yourself

- ▲ Compact (2.4 x 4.0 x 1.3 in / 6 x 10 x 3.3 cm) and lightweight (7.4 oz. / 211 g)
- ▲ Integral concussion-proof boot for the most rugged environments
- ▲ Continuous LCD shows simultaneous gas concentrations for H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, combustibles (0-100% LEL or 0-5.0% Methane)
- ▲ Powered by two AA alkaline or NiMH cells (run-time typically 16-18 hours)
- ▲ Provides 95 dB alarm tone and two bright wide-angled alarm bars
- ▲ Equipped with internal vibrating alarm for high noise areas
- ▲ Backlight: low light (auto); in alarm (auto) and on demand reactivation
- ▲ Four alarm levels: Instant Low and High Alarm for all gases; TWA (time weighted average) and STEL (short term exposure limit) for H<sub>2</sub>S, CO, SO<sub>2</sub>; OL (over limit alarm) for combustible gases
- ▲ Simple automatic calibration procedure; compatible with BW MicroDock II Automatic Test and Calibration System
- ▲ Records TWA, STEL and maximum exposures to gas and displays readings on command
- ▲ User selectable field option include: confidence beep, pass code protection, latching alarm, calibration due date, "SAFE" display function and stealth mode
- ▲ Full function self-test of: sensor, battery and circuitry integrity; and audible/visual alarms
- ▲ Delivered ready for use with sensors, two AA alkaline cells, stainless steel alligator belt clip, calibration hose/cap and instructions

### GA MicroBatt Charger Kit



Optional **GA MicroBatt** rechargeable battery and slip-in charger cradle.

The GasAlertMicro can be recharged while the battery pack is installed, or the pack can be removed for separate recharging.



### Ordering Information

GAMIC-4	H <sub>2</sub> S, CO, O <sub>2</sub> , LEL	GAMIC-3M	CO, O <sub>2</sub> , LEL
GAMIC-3H	H <sub>2</sub> S, O <sub>2</sub> , LEL	GAMIC-3S	SO <sub>2</sub> , O <sub>2</sub> , LEL
GAMIC-2	O <sub>2</sub> , LEL	GAMIC-2HW	H <sub>2</sub> S, LEL

#### With User-Downloadable Datalogger

Includes 32 MB Flash MultiMediaCard and software.  
Add suffix "-DL2-IR" for detector equipped with datalogger.

#### With GA MicroBatt Charger Kit

Includes detector, standard accessories plus cradle charger and battery pack.  
GAMIC-4-E3 with 4-gas detector and GA MicroBatt charger kit

#### GasAlertMicro SamplerPak

Includes detector, standard accessories plus the Sampler (external motorized sampling pump), sampling hoses, sampling tubes and a carrying case.  
GAMIC-4-SK with 4-gas detector  
GAMIC-4-SKC with 4-gas detector and charger kit

#### Value Added Confined Space Kits

Kits include detector, standard accessories plus a hard-sided carrying case, 3 m/10 ft. sampling hose, 4-port charger, 4 NiMH batteries, 34 liter calibration gas cylinder with regulator.

#### With The Sampler motorized sampling pump

GAMIC-4-CK-IR-SP with 4-gas detector  
GAMIC-4-CK2-IR-SP with 4-gas datalogging detector

Contact BW for available accessories



Georgia Underground  
Is Your Utility Products  
**SUPERSTORE**  
800.245.8339  
www.georgiaunderground.com

# GasAlertMicro

H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, Combustibles

## Multi-Gas Detector

GasAlertMicro has set a new benchmark in multi-gas detection. The ultra-compact and durable GasAlertMicro offers the most advanced features of any confined space gas detector on the market today—at an economical price.

Simultaneously displaying H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, or combustibles, GasAlertMicro is suited to a wide range of applications, including HAZMAT response, confined space entry and post-inspection fire safety.

Field-selectable user options allow GasAlertMicro to be customized to virtually any environment. Calibration due dates and alarm settings can be configured to meet specific industry requirements, and the pass code protect function ensures tamper-proof operation by preventing unauthorized users from accessing calibration options.

In a world of multi-gas detectors, GasAlertMicro truly is more for less.

"INNOVATORS IN GAS DETECTION"



## SPECIFICATIONS

Gas:	H <sub>2</sub> S	CO	O <sub>2</sub> (% by vol.)	SO <sub>2</sub>	Combustibles (Field Select)
Measuring Range:	0-100 ppm	0-500 ppm	0-25.0%	0-100 ppm	0-100 % LEL or 0-5% by vol. methane

<b>DETECTOR:</b>	2, 3 or 4-gas detector
Auto zero:	Yes
Calibration:	Automatic
Backlight:	Low light (auto); alarm condition (auto); reactivation on demand
Full function self-test:	Sensor integrity, circuitry and battery; audible/visual alarms
Sensor:	Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL)
User field options:	Confidence beep, pass code protection, latching alarms, calibration due date, "SAFE" display function, stealth mode
<b>ALARM INDICATORS:</b>	Clearly advises alarm levels both visually and audibly
Visual alarms:	Two flashing alarm bars visible from all angles LCD indicates gas present and alarm levels encountered
Audible alarm:	Typically 95 dB at 30 cm variable pulsed audible alarm
Vibrator alarm:	Pulses warning in gas alarm conditions, or for any status alarms
Other:	Low battery, over range, multiple gas and missing sensor
<b>ALARM LEVELS:</b>	Instantaneous Low Alarm for all gases; instantaneous High Alarm for all gases; TWA (time weighted average) and STEL (short term exposure limit) for H <sub>2</sub> S, CO, SO <sub>2</sub> ; OL (over limit alarm) for combustible gases
<b>LCD:</b>	Continuous, alphanumeric gas readout and status display advises:
Gases monitored:	H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , combustibles (0-100% LEL or 0-5.0% methane)
Gas concentration:	Simultaneous and continuously displays gas concentration(s) present (in ppm, %LEL, or % v/v)
TWA ppm or %:	Records STEL and TWA exposures and displays on demand
Peak ppm or %:	Records and displays peak exposure to gas and displays on demand
Alarm setpoints:	Displayed on activation
<b>TESTS:</b>	
Full function self-test:	Full function self-test on activation
Battery:	Continuous
<b>GENERAL SPECIFICATIONS:</b>	Rugged, composite material with integral concussion-proof boot
Operating temperature:	-4 to 122 °F / -20 to 50 °C
Temperature code:	T4 with GA MicroBatt battery pack
Humidity:	5% to 95% RH (non-condensing)
EMI/RFI:	Complies with EMC Directive 89/336/EEC
Ingress Protection:	IP65
Battery run-time:	16-18 hours on two AA alkaline cells 14-16 hours on two NiMH rechargeable cells
Size:	2.4 x 4 x 1.3 in. / 6 x 10 x 3.3 cm
Weight:	7.4 oz. / 211 g
<b>WARRANTY:</b>	Full 2 year warranty including all sensors
<b>DATALOGGER OPTIONS:</b>	User-downloadable datalogger
Data recorder:	All events and occurrences
Sampling rate:	Factory set at 5-second intervals and user-settable from 1 to 127-second intervals
Storage:	4.4 months of continuous data via 32 MB Flash MMC card (64 MB cards are also available); when full, the wraparound feature replaces oldest data with most recent data

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  
American Bureau of Shipping

**ATEX:** CE II 1 G  
EEx ia IIC

**IECEx:** Ex ia IIC

**BAM:** certified for methane measuring function up to the lower explosive limit in air. BAM certified for oxygen measuring function.



- 1 Smaller: Weighs only 7.4 oz. / 211 g
- 2 Triple Alarm System: 95 dB Audible, dual alarm bars and internal vibrator alarm
- 3 Tougher: Equipped with integral concussion-proof boot for the most rugged environments
- 4 Large, high-contrast LCD shows real-time gas concentrations for all four gases simultaneously and continuously
- 5 Easy, pushbutton operation
- 6 Flexible power operation
  - Two AA Alkaline cells (16-18 hours) or
  - Two NiMH cells (14-16 hours) optional
- 7 Optional datalogger with 32 MB Flash MMC data storage



Support CD-ROM

Locally distributed by:

