

GasAlertMicro

H₂S, CO, O₂, SO₂, Combustibles

BW Technologies
by Honeywell

Multi-Gas Detector



With a wide variety of field-adjustable user options and flexible power options, the GasAlertMicro is suited to a range of applications. Utilize the passcode protect function for tamper-proof operation. The GasAlertMicro offers a simple automatic calibration procedure and is compatible with BW's MicroDock II automatic test and calibration system.

Protect Yourself

- ▲ Compact and lightweight
- ▲ Integral concussion-proof boot for the most rugged environments
- ▲ LCD shows continuous and simultaneous gas concentrations
- ▲ Powered by two AA alkaline, NiMH cells or GA MicroBatt rechargeable battery pack (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
- ▲ Four alarm levels: Instant Low and High Alarm for all gases; TWA (time-weighted average) and STEL (short-term exposure limit) for H₂S, CO, SO₂; OL (over limit alarm) for combustible gases
- ▲ Records TWA, STEL and maximum exposures to gas and displays readings on command
- ▲ User-selectable field options
- ▲ 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

Optional Charger Kits

*GasAlertMicro
Charger II*
Gang up to 6 units



GasAlertMicro Charger 3
Charges both the battery in the instrument
and an additional battery pack in hidden
charging compartment (wall mountable)



Ordering Information

GAMIC-4	H ₂ S, CO, O ₂ , LEL	GAMIC-3M	CO, O ₂ , LEL
GAMIC-3H	H ₂ S, O ₂ , LEL	GAMIC-3S	SO ₂ , O ₂ , LEL
GAMIC-2	O ₂ , LEL	GAMIC-2HW	H ₂ S, LEL

With User-Downloadable Datalogger

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

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 L 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

Accessories

GAMIC-C05	GasAlertMicro Charger II, gang up to 6 units
GAMIC-C07-03	GasAlertMicro Charger 3, dual battery capacity
GA-HMIC	Belt Holster for GasAlertMicro

Contact BW for available accessories

www.gasmonitors.com

e-mail: info@bwtnet.com

GasAlertMicro

H₂S, CO, O₂, SO₂, Combustibles

Multi-Gas Detector

Offering a large array of features, the ultra-compact and durable GasAlertMicro has set new standards in the multi-gas detection – at an economical price.

Simultaneously displaying up to four gases (H₂S, CO, O₂, SO₂, or combustibles) the 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 the GasAlertMicro to be customized to virtually any environment. Calibration due dates and alarm settings can be configured to meet specific industry requirements, and the passcode protect function ensures tamper-proof operation by preventing unauthorized users from accessing calibration and user options.

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



For further information:

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SPECIFICATIONS

DETECTOR: 1, 2, 3 or 4-gas detector

Gas:	H ₂ S	CO	O ₂ (% by vol.)	SO ₂	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

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); Plug in, catalytic (LEL)
User field options: Confidence beep, passcode protection, latching alarms, calibration due date, bump due date, "SAFE" display function, language selection, span concentration values, combustible sensor measurement selection (0-100% LEL or 0-5.0% v/v methane), enable/disable automatic O₂ calibration, STEL calculation period, disable backlight, battery type and stealth mode
Datalogging models only: clock, calendar and sampling rate

ALARM INDICATORS: 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
IR (Infrared) LEDs for night vision goggles in stealth option
Audible alarm: 95 dB variable pulsed audible alarm at 1 ft. / 30 cm (typical)
Vibrator alarm: Pulses warning in gas alarm conditions, or for any status alarms
Other: Low battery, over limit, multiple gas and missing sensor

ALARM LEVELS: Instantaneous Low Alarm for all gases; instantaneous High Alarm for all gases; TWA (time-weighted average) and STEL (short-term exposure limit) for H₂S, CO, SO₂; OL (over limit alarm) for combustible gases

LCD: Continuous, alphanumeric gas readout and status display advises:
Gases monitored: H₂S, CO, O₂, SO₂, 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)

STEL and TWA ppm: 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

TESTS:

Full function self-test: Full function self-test on activation
Battery: Continuous

GENERAL SPECIFICATIONS: 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 (typical)
14-16 hours on two NiMH rechargeable cells (typical)
16-18 hours on GA MicroBatt battery pack (typical)

Size: 2.4 x 4 x 1.3 in. / 6 x 10 x 3.3 cm
Weight: 7.4 oz. / 211 g

WARRANTY: Full 2 year warranty including all sensors

DATALOGGER OPTIONS: 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: 4.5 months of continuous data stored on a memory card; 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
Ex 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 typical)
 - Two NiMH cells (14-16 hours typical)
 - GA MicroBatt battery pack (16-18 hours typical)
- 7 Optional datalogger with MMC data storage



MicroDock II compatible



Support CD-ROM

Locally distributed by: