GasAlertMicro

H$_2$S, CO, O$_2$, SO$_2$, Combustibles

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$_2$S, CO, O$_2$, SO$_2$, 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$_2$S, CO, SO$_2$; 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 options include: confidence beep, pass code protection, latching alarm, calibration due date, bump due date, "SAFE" display function, language, span concentration values, combustible sensor measurement selection (0-100%LEL or 0-5.0% v/v methane) 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

CSA C US   **BAM** **ATEX** C€ ⟨Ex⟩ ABS   **and others**

Optional Charger Kits

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.

GasAlertMicro Charger II

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

With Charger Kit
Includes detector, standard accessories plus charger and battery pack.
GAMIC-4-E3   with 4-gas detector and GA MicroBatt charger kit
GAMIC-4-E5   with 4-gas detector and GasAlertMicro Charger II

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

www.gasmonitors.com
Email: info@bwtnet.com

GasAlertMicro

H_2S, CO, O_2, SO_2, Combustibles

Multi-Gas Detector

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

Simultaneously displaying H_2S, CO, O_2, SO_2, 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"

BW Technologies

For further information:

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SPECIFICATIONS

Gas:	H_2S	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

DETECTOR: 1, 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); Plug in, catalytic (LEL)
User field options: Confidence beep, pass code 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 O_2 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
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 range, 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 H_2S, CO, SO_2; OL (over limit alarm) for combustible gases

LCD: Continuous, alphanumeric gas readout and status display advises:
Gases monitored: H_2S, CO, O_2, SO_2, 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

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 ºF / -20 to 50 ºC
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)
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: 4.4 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 ⟨Ex⟩ 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 typical) or
   • Two NiMH cells (14-16 hours typical)
7. Optional datalogger with 32 MB Flash MMC data storage

Support CD-ROM

Locally distributed by: