GasAlertMicro

H_2S, CO, O_2, SO_2, Combustibles

Multi-Gas Detector

"INNOVATORS IN GAS DETECTION"

BW Technologies

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_2S, 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_2S, 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 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

C US **BAM** **ATEX** CE Ex ABS TYPE APPROVED PRODUCT *and others*

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.

ISO ISO9001:2000 Registered

Ordering Information

GAMIC-4	H_2S, CO, O_2, LEL	GAMIC-3M	CO, O_2, LEL
GAMIC-3H	H_2S, O_2, LEL	GAMIC-3S	SO_2, O_2, LEL
GAMIC-2	O_2, LEL	GAMIC-2HW	H_2S, 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

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

GasAlertMicro

H_2S, CO, O_2, SO_2, 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_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.

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: 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

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: 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

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 °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

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) or
   - Two NiMH cells (14-16 hours) optional
7. Optional datalogger with 32 MB Flash MMC data storage

Support CD-ROM

Locally distributed by:

"Innovators in Gas Detection"

BW Technologies

For further information:

1-888-749-8878	**USA**
1-800-663-4164	**Canada**
+44 (0) 1869 233004	**Europe**
+971-4-8871766	**Middle East**
+61-438-887-232	**Australia**
+852-2974-1783	**China**
+65-9737-2005	**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

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

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