GasAlertMicro

H2S, 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

*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 and "SAFE" display function

*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$_2$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 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 JJS for available accessories

www.JJSTECH.com

Email: info@JJSTECH.com

GasAlertMicro

H₂S, CO, O₂ , SO₂, 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 H₂S, CO, O₂, SO₂, 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.

JJS Technical Services

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SPECIFICATIONS

DETECTOR: 2, 3 or 4-gas detector

Gas:	H₂S	CO	O₂ (% by vol.)	SO₂	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); catalytic (LEL)
User field options:	Confidence beep, pass code protection, latching alarms, calibration due date, "SAFE" display function

ALARM INDICATORS: Clearly advises alarm levels both visually and audibly

Visual alarms:	Two flashing alarm bars visable 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 H₂S, CO, SO₂; OL (over limit alarm) for combustible gases

LCD: Continuous, alphanumeric gas readout and status display advises: H₂S, CO, O₂, SO₂, combustibles (0-100% LEL or 0-5.0% methane)

Gases monitored:	
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 Records
Peak ppm or %:	and displays peak exposure to gas and displays on demand Displayed
Alarm setpoints:	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) -4
Operating temperature:	to 122 °F / -20 to 50 °C (T4 with GA MicroBatt battery pack) 5% to
Humidity:	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: Class I, Div. 1, Gr. A, B, C, D (Intrinsic safety) Class I, Zone 0, Gr. IIC
ABS

ATEX: CE ᵍ II 2 G
EEx ia d IIC
CE: European Conformity

Australia: AUS Ex ia IIC (pending)

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 realtime 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: