



GasAlertMicro 5

H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂,
HCN, Cl₂, ClO₂, O₃ and Combustibles

Multi-Gas Detector



ACTUAL SIZE

Protect Yourself

- △ Compact (5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm) and lightweight (10.6 oz. / 300 g)
- △ Rugged, highly water-resistant design (IP-66/67 expected)
- △ Continuous LCD shows simultaneous gas concentrations for five gases
- △ Integral concussion-proof enclosure for the most rugged environments
- △ Integral motorized pump option for remote sampling
- △ Two power options: three AA alkaline batteries or a rechargeable battery pack
- △ Provides 95 dB alarm tone and two bright wide-angled alarm bars
- △ Equipped with internal vibrating alarm for high noise areas
- △ Multi-language support in English, French, German, Spanish and Portuguese
- △ Three backlight options: standard—activates in low light (auto), in alarm (auto) and reactivates on-demand; alarm only—activates in alarm conditions and reactivates on-demand; stealth mode
- △ Four alarm levels: instantaneous Low and High Alarm for all gases; TWA (time weighted average) and STEL (short term exposure limit) for toxic gases
- △ Simple automatic calibration procedure; fully compatible with BW MicroDock II 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 and "SAFE" display function, stealth mode, selectable ppm resolution for some gases (e.g. SO₂ 0.1 ppm)
- △ Full function self-test of: sensor, battery and circuit integrity; and audible/visual alarms

Pending approvals:  **ATEX**   and others

Ordering Information

GasAlertMicro 5 is delivered ready for use with sensors, battery (as specified), stainless steel alligator belt clip, calibration hose/cap, instructions in local languages and interactive training CD.

Battery/Charger Options

Three AA alkaline batteries
Rechargeable battery pack and desktop/wall mountable charger

User-Downloadable Datalogger Option

Datalogging versions include 32 MB MMC card, software and an IR port for use with the MicroDock II automated calibration and test station.

Pump Option

Includes detector, standard accessories plus integral motorized pump.

Value Added Confined Space Kits

Kits include detector, pump, standard accessories plus a hard-sided carrying case, 3 m/10 ft. sampling hose, sample probe, battery power (as specified), 34 liter calibration gas cylinder with regulator.

Accessories

MicroDock II Automatic Calibration and Test Station
Manual Aspirator Pump

**Water
Resistant**

Georgia Underground
In Your Utility Products
SUPERSTORE
800.245.8339
www.georgiaunderground.com




GasAlertMicro 5

H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂,
HCN, Cl₂, ClO₂, O₃ and Combustibles
Multi-Gas Detector

GasAlertMicro 5 portable gas detector simultaneously monitors and displays up to five potential atmospheric hazards including oxygen, combustible gases and a range of toxic gases. Compact and lightweight, **GasAlertMicro 5** adds multi-gas detection to BW Technologies' water-resistant line of detectors. Audible, visual and vibrator alarms activate in the event of a low, high, TWA or STEL alarm condition. An optional motorized pump is available.

Beyond features that come standard with BW portable instruments such as confidence beep, full function self test, automatic calibration and passcode protection, **GasAlertMicro 5** offers an extended selection of user-settable field options now including: stealth mode, backlight options, selectable ppm resolution, STEL / TWA measurement choice, combustible correction factor options, user-settable calibration gas concentrations and multi-language support.

"INNOVATORS IN GAS DETECTION"



SPECIFICATIONS

DETECTOR: 2, 3, 4 or 5-gas detector

Gas	Measuring range	Resolution	TWA	STEL	LOW	HIGH
O ₂	0-30.0%	0.1	N/A	N/A	19.5	22.5
CO	0-999 ppm	1	35	200	35	200
H ₂ S	0-100 ppm	1	10	15	10	15
PH ₃	0-5.0 ppm	0.1	0.3	1.0	0.3	1.0
SO ₂	0-100 ppm	0.1	2	5	2	5
NO ₂	0-99.9 ppm	0.1	2.0	5.0	2.0	5.0
HCN	0-30.0 ppm	0.1	4.7	10.0	4.7	10.0
Cl ₂	0-50.0 ppm	0.1	0.5	1.0	0.5	1.0
NH ₃	0-100 ppm	1	25	35	25	50
ClO ₂	0-1 ppm	0.1	0.1	0.3	0.1	0.3
O ₃	0-1 ppm	0.1	0.1	0.1	0.1	0.1
LEL	0-100% LEL 0-5% v/v	1%	N/A	N/A	10%	20%

Auto zero:	Yes
Calibration:	Automatic
Backlight:	Standard Mode: low light (auto); alarm condition (auto); reactivation on demand Alarm Only Mode: alarm condition (auto); reactivation on demand Stealth Mode: backlight inactive; audible and visual alarms silenced
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, passed calibration user-lockout option, "SAFE" display function, stealth mode, oxygen auto-cal on start-up, alarm only backlight mode, combustible gas measurement (%LEL or % by volume methane), LCD language option, STEL calculation choice, TWA calculation choice, combustible correction factor options, user-settable calibration gas level
ALARM INDICATORS:	Clearly advises alarm conditions with audible, visual and vibrator alarms
Visual alarms:	Two flashing alarm bars visible from all angles LCD indicates gas present and alarm levels encountered
Audible alarm:	Typically 95 dB at 1 ft./ 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 / pump 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 toxics
LCD:	Continuous, alphanumeric gas readout and status display advises:
Gases monitored:	H ₂ S, CO, O ₂ , SO ₂ , PH ₃ , NO ₂ , NH ₃ , HCN, Cl ₂ , ClO ₂ , O ₃ , and/or combustibles (0-100% LEL or 0-5.0% methane)
Gas concentration:	Simultaneously and continuously displays gas concentration(s) for all sensors (in ppm, %LEL, or % v/v)
STEL/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
Calibration due date:	In days remaining
Clock:	Real-time clock setting displayed on start-up (datalogger models only)
TESTS:	
Full function self-test:	Full function self-test on activation
Battery:	Continuous
GENERAL SPECIFICATIONS:	Rugged, composite material; two-shot molded polymer case with integral anti-shock boot
Operating temperature:	-4 to 122 °F / -20 to 50 °C
Humidity:	0 - 95% RH (non-condensing)
EMI/RFI:	Complies with EMC Directive 89/336/EEC
Ingress Protection:	IP 66/67 (expected)
Battery Options:	12 hrs on three AA alkaline cells (10 hours with optional motorized pump*) 16 hrs on rechargeable battery pack (10 hrs with optional motorized pump*) *when equipped with oxygen, combustible, TwinTox and one additional toxic sensor 4 hours charge time. Batteries are "hot-swappable"
Size:	5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm
Weight:	10.6 oz. / 300 g
WARRANTY:	Full 2-year warranty including all sensors
DATALOGGER OPTIONS:	User-downloadable datalogger
Data recorder:	All events and occurrences (calibration zero adjustment, calibration span adjustment, gas readings, TWA, STEL, alarm condition, failures detected by the microprocessor). Factory set at 5-second intervals and user-settable from 1 to 127-second intervals
Sampling rate:	2 months of continuous data via 32 MB Flash MMC card (64 MB and 128 MB cards also available); when full, the wrap-around feature replaces oldest data with most recent data

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

PENDING
RATINGS AND CERTIFICATIONS:
(Intrinsic safety)



Class 1, Div. 1, Gr. A, B, C, D
American Bureau of Shipping

ATEX: CE II 2 G
EEx ia d IIC
Australia: AUS Ex ia IIC

Locally distributed by:

