GasAlertMax
H$_2$S, CO, O$_2$ and %LEL

"INNOVATORS IN GAS DETECTION"

BW Technologies

Multi-Gas Detectors
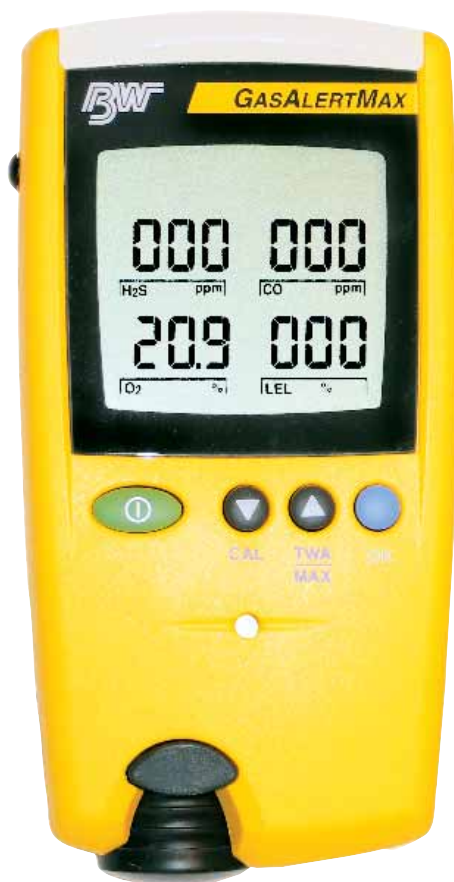
Protect Yourself

△ Large LCD shows real-time gas concentrations of H$_2$S, CO, O$_2$ and %LEL

△ Internal plug-in pump for remote sampling

△ LOW, HIGH, and TWA alarms with adjustable setpoints

△ Equipped with plug-in, replaceable sensors

△ Simple, automatic calibration procedure

△ Intrinsically safe to U.S., European and Canadian standards

△ Provides 95 dB tone and bright LED indication on alarm

△ Compact (1.6 x 3.0 x 5.9 in / 40 x 75 x 150 mm) and lightweight (15.4 oz. / 396 g)

△ Runs an entire shift on one Black & Decker VersaPak™ rechargeable battery (available worldwide)

△ Peak values displayed on command

△ Full-function self-test of: sensor/battery/circuitry integrity; and audible/visual alarms

△ One VersaPak rechargeable battery, 2-port charger, 10 ft. / 3m. sampling hose, calibration hose, carrying holster, and instructions in local languages included

△ Vibrating alarm and remote audible/visual alarm (110 dB) accessories available

CSA C US   **BAM   ATEX** CE ⟨Ex⟩   **Plus Others**

Ordering Information
Gas Detectors (Standard)

GAMAX3-4	4-gas: H$_2$S, CO, O$_2$, LEL
GAMAX3-3H	3-gas: H$_2$S, O$_2$, LEL
GAMAX3-2	2-gas: O$_2$, LEL

Add suffix:	-DL1 for black box datalogger
	-DL2 for user downloadable datalogger
	*Note: Comes with free software and 32 MB MMC Card

Add suffix for delivery with 200 VAC Charger:
    -EU -UK - AU - NZ -OR

Add suffix	-A (to omit VAC charger and batteries)

Accessories

GA-CPROB1-1	Sampling Probe with particulate and hydrophobic filter
GA-CPROB1	Collapsible Sample Probe with with handle
GA-FLOAT	Sampling Float for GasAlert series detectors
GAMAX-IU	Intake Umbrella Protector
MMC64	64MB MultiMediaCard (datalogging)
GA-BMAX	Concussion-proof boot
GA-BMAX-3	Concussion-proof boot with neck strap
GA-VP110	VersaPak™ rechargeable NiMH battery
GA-VP100	VersaPak™ rechargeable NiCAD battery
D4-VP140	2 port, 12 volt, Black & Decker vehicle charger

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

GasAlertMax

H₂S, CO, O₂, LEL

Four Gas Detector with Internal Sampling Pump

GasAlertMax provides extraordinary cost of ownership advantages. Training and maintenance costs are minimized through automated calibration, internal plug-in sampling pump, long-life VersaPak battery power (available in local stores) and simple, one-button control. GasAlertMax is powered by two advanced microcontrollers and features plug-in electrochemical and catalytic sensors. High-output audible/visual alarms provide instant notification.

The large alphanumeric LCD shows real-time gas concentrations and the instrument's status at all times. A full-function self-test verifies sensor, circuitry and battery integrity and activates the audible/visual alarms each time the detector is activated. GasAlertMax clearly advises the hazard present—Low, High, TWA and STEL multi-gas alarm. Recorded TWA, STEL and Peak exposures can be displayed on demand.

GasAlertMax satisfies the OSHA safety regulation CFR1910.146 (Permit Required - Confined Space Entry).

For further information:

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BW1009-01-01-00-8.25x11-20050215-5123-7

SPECIFICATIONS

DETECTOR: 2, 3 or 4-gas detector

Gas:	H₂S	CO	O₂ (% by vol.)	Combustibles
Measuring Range:	0 - 100 ppm	0 - 500 ppm	0 - 30.0 %	0 - 100 % LEL
Low alarm level[1]:	10 ppm	35 ppm	19.5 %	10 %
TWA alarm level[1]:	10 ppm	35 ppm	N/A	N/A
High alarm level[1]:	15 ppm	200 ppm	23.5 %	20 %

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: Set calibration due date, display language, enable/disable automatic O2 calibration, span concentration values, STEL calculation period, clock, calendar, enable/disable pump test, confidence beep, pass code protection, latching alarms and sensor on/off

ALARM INDICATORS: Clearly advise alarm levels both visually and audibly
Visual alarm: Flashing, wide-angled alarm lens with dual red LEDs, plus alarm LCD readout
Audible alarm: High-output, variable, pulsing siren 95 dB at 1 ft. / 0.3 m
Confidence beep: Every 5 seconds (field-selectable)
Other: Low battery; off warning; sensor fail; multiple gas hazard
Remote alarm (option): Accepts vibrating alarm or remote audible/visual alarm (110 dB)

LCD: Continuous, alphanumeric gas readout and status display advises:
Gas ppm or %: Simultaneously and continuously displays all 4 gas concentration(s) present
TWA ppm or %: Records and displays on demand and during alarm
Peak ppm or %: Records and displays peak exposure to gas and displays on demand
Setpoints: Displayed on activation and after calibration (auto) in ppm or %

TESTS:
Full-function self-test: Full-function self-test on activation (auto)
Battery: Continuous (auto)

GENERAL SPECIFICATIONS: Impact-resistant ABS enclosure
Operating Temperature: -4 to 122 °F / -20 to 50 °C (Australia -20 °C to 40 °C)
[2]Temperature code: North America (cCSAus) 132 °C(T4) at 50 °C
Europe (ATEX) 184 °C at 50 °C
Australia (SA) 213 °C
Humidity: 5% to 95% RH (non-condensing)
EMI/RFI: Complies with EMC Directive 89/336/EEC
Battery type: One 3.6 volt Black & Decker VersaPak rechargeable cell
Battery run-time: NiMH: up to 12 hours operation; NiCd: up to 8 hours operation
Size: 1.6 x 3.0 x 5.9 inches / 40 x 75 x 150 mm
Weight: 15.4 oz. / 396 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
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

[1]Factory defaults are shown (alarm levels are field-settable).
[2]Temperature codes may vary as function of battery installed. Please see owner's manual for compatible listing

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

RATINGS AND CERTIFICATIONS:
(Intrinsic safety)

CSA: Class I, Div. 1, Gr. A, B, C, D
ATEX: CE ⟨Ex⟩ II 2 G
EEx ia d IIC
BAM: certified by BAM to the O₂, H₂S, CO and Combustible Performance standards

ANSI/ISA: ISA-S12.13
CSA: C22.2 No 152
CE: European Conformity
Australia: Ex ia s IIB

1. LARGE, HIGH-CONTRAST LCD
2. WIDE-ANGLED VISUAL ALARM BAR
3. HIGH-OUTPUT 95 dB SIREN
4. ADVANCED MICROCONTROLLER-BASED OPERATION
5. AUTO BACKLIGHT
6. SIMPLE CONTROLS
7. VersaPak RECHARGEABLE BATTERY
8. BUILT-IN SAMPLING PUMP

Training CD-ROM

Auto Zero
Auto Span

Fully automatic calibration

Records / displays TWA and Peak (MAX) gas exposures

Locally distributed by: