GasAlert EXTREME

H_2S, CO, O_2, SO_2, PH_3, Cl_2, NH_3, NO_2, HCN, ETO, ClO_2, O_3, NO

"INNOVATORS IN GAS DETECTION"

BW Technologies

Single-Gas Detectors

ACTUAL SIZE

Water Resistant

IP 66/67

Protect Yourself

⚠ Rugged, IP-66/67 highly water-resistant design

⚠ Built-in concussion-proof boot

⚠ Continuous LCD shows real-time gas concentration with backlight in low light (auto and on demand); in alarm (auto)

⚠ Small size (1.1 x 2.0 x 3.75 in. / 28 x 50 x 95 mm) and lightweight (2.9 oz. / 82 g)

⚠ Provides 95 dB tone and bright LED indication on alarm (typical)

⚠ 2-year battery life (typical) with replaceable 3V camera battery

⚠ Internal vibrating alarm

⚠ Equipped with plug-in, replaceable sensor

⚠ Simple auto-zero and calibration procedure; compatible with BW's MicroDock II system.

⚠ Peak value displayed on command (in ppm or %vol)

⚠ LOW, HIGH, TWA and STEL alarms with adjustable setpoints

⚠ Multiple language and datalogging options available

⚠ Classified intrinsically safe by UL to U.S. and Canadian standards; ATEX certified; IECEx scheme

⚠ Full function self-test of: sensor, battery, and circuitry integrity

⚠ Stainless steel alligator clip, test cap and hose, battery, and instructions in local languages included

CLASSIFIED C U_L US   **ATEX**   CE   Ex   *and others*

Ordering Information

GasAlert Extreme Detectors

GAXT-H	H_2S	GAXT-M	CO	GAXT-X	O_2
GAXT-S	SO_2	GAXT-C	Cl_2	GAXT-Z	HCN
GAXT-D	NO_2	GAXT-A	NH_3	GAXT-P	PH_3
GAXT-E	ETO	GAXT-V	ClO_2	GAXT-G	O_3
GAXT-N	NO	GAXT-H-2	H_2S (High Range)		
GAXT-M2	CO (Low sensitivity to H_2)				
GAXT-A2	NH_3 (High Range)				

Multi-Language
Add the suffix "-ML" (e.g. GAXT-H-ML for H_2S model)

Datalogging and Multi-language*
Add the suffix "-DL" (e.g. GAXT-D-DL for NO_2 model)

GasAlert Extreme SamplerPaks
Includes GasAlert Extreme detector with Sampler motorized pump, 10 ft. / 3 m sampling hose and two sampling tubes in a carrying case.
GAXT-(x)-SK   GasAlert Extreme SamplerPak
GAXT-(x)-SKC**   GasAlert Extreme SamplerPak with charger/battery kit
** Note: Add suffix for delivery with 220 VAC charger:
  Europe: -EU   United Kingdom: -UK   Australia: -AU

MicroDock II Automatic Test and Calibration System
DOCK2-2-1D-00   Base station and GasAlert Extreme docking module
DOCK2-0-1D-00   GasAlert Extreme docking module

Accessories and Spares
GA-USB2*   Infrared DataLink USB adapter for datalogging versions
GA-TS03   Automatic test station
GA-HC-1   Hard hat clip
GA-AG-2   Alligator clip (stainless-steel)
GA-AG-1   Alligator clip (non-conductive)
GA-BALERT   Concussion-proof boot
GA-SS   Sensor screen (kit of 10)
GA-CDT-1   Interactive Training CD
* Download of datalogged information requires use of highspeed IR USB adapter or MicroDock II. Receive a GA-USB2 at no charge when you purchase 10 or more datalogging GasAlert Extreme detectors

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

GasAlert Extreme

H_2S, CO, O_2, SO_2, Cl_2, HCN, NO_2, NH_3, PH_3, ETO, ClO_2, O_3 or NO

Single-Gas Detector

Compact and affordable GasAlert Extreme detectors are available for a wide variety of atmospheric hazards. The GasAlert Extreme is highly water-resistant, with an IP 66/67 fully immersible, EMI / RFI resistant housing, built-in concussion proof boot, and heavy-duty, stainless steel, alligator style belt-clip. An extra-loud audible alarm, flashing LED light bars, and built-in vibrator alerts users to hazardous conditions. The large, easy-to-read display includes a built-in backlight that ensures readings are legible even in dim light conditions. An easily changed 3V camera battery provides up to two years of continuous operation.

The GasAlert Extreme clearly advises the gas hazard present—Low, High, TWA and STEL gas alarm. Recorded TWA, STEL and Peak exposures can be displayed on demand.

GasAlert Extreme detectors are optionally available with datalogging and multi-language support. Datalogging detectors include a built-in IR COM port for automatic data transfer to a computer or MicroDock II docking station module. No wires necessary!

The GasAlert Extreme continues the proud BW Technologies product tradition of cutting-edge features, trouble-free operation, durability, and the LOWEST cost of ownership of any single-gas detector on the market today.

"INNOVATORS IN GAS DETECTION"

BW Technologies

For further information:

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BW1071-01-01-00-8.25x11-20050628-5558-6

SPECIFICATIONS

DETECTOR: Single-gas detector

GasAlert for:	Measuring Range	Alarm Setpoints[1] (Factory defaults are shown. Alarm levels are field-adjustable.)				Relatvie Humidity non-condensing	Operating Temperature
		TWA Alarm	STEL Alarm	Low Alarm	High Alarm		
Hydrogen Sulfide (H_2S)	0-100 ppm	10 ppm	15 ppm	10 ppm	15 ppm	15-90	-40 to +50 °C -40 to +122 °F
Hydrogen Sulfide (H_2S)	0-500 ppm	10 ppm	15 ppm	10 ppm	15 ppm	15-90	
Sulfur Dioxide (SO_2)	0-100 ppm	2 ppm	5 ppm	2 ppm	5 ppm	15-90	
Hydrogen Cyanide (HCN)	0-30.0 ppm	4.7 ppm	10.0 ppm	4.7 ppm	10.0 ppm	15-95	
Carbon Monoxide (CO)	0-999 ppm	35 ppm	200 ppm	35 ppm	200 ppm	15-90	-30 to +50 °C -22 to +122 °F
Carbon Monoxide (CO) (Low H_2 sensitivity)	0-999 ppm	35 ppm	200 ppm	35 ppm	200 ppm	15-90	
Ammonia (NH_3)	0-400 ppm	25 ppm	35 ppm	25 ppm	50 ppm	15-90	-20 to +40 °C -4 to +104 °F
Chlorine (Cl_2)	0-50.0 ppm	0.5 ppm	1.0 ppm	0.5 ppm	1.0 ppm	10-95	-20 to +50 °C -4 to +122 °F
Nitrogen Dioxide (NO_2)	0-99.9 ppm	2.0 ppm	5.0 ppm	2.0 ppm	5.0 ppm	15-90	
Ammonia (NH_3)	0-100 ppm	25 ppm	35 ppm	25 ppm	50 ppm	15-90	
Phosphine (PH_3)	0-5.0 ppm	0.3 ppm	1.0 ppm	0.3 ppm	1.0 ppm	15-90	
Ethylene Oxide (ETO)	0-100 ppm	1 ppm	5 ppm	1 ppm	5 ppm	15-90	
Chlorine Dioxide (ClO_2)	0-1 ppm	0.1 ppm	0.3 ppm	0.1 ppm	0.3 ppm	15-95	
Ozone (O_3)	0-1 ppm	0.1 ppm	0.1 ppm	0.1 ppm	0.2 ppm	15-90	
Nitric Oxide (NO)	0-250 ppm	25 ppm	25 ppm	25 ppm	25 ppm	15-90	
Oxygen (%by vol.) (O_2)	0-30.0%	N/A	N/A	19.5 %	22.5%	0-99	

Auto zero:	Yes
Calibration:	Automatic
Backlight:	Low light (auto and on demand); alarm condition (auto)
Full function self-test:	Verifies integrity of sensor, circuitry and battery; audible/visual alarms
Sensor:	Plug-in, electrochemical cell (temperature compensated)
INDICATORS AND ALARMS:	Clearly advises alarm levels both visually and audibly
Visual alarm:	Flashing, wide-angled alarm lens with 4 red LEDs, plus alarm LCD readout
Audible alarm:	High-output, pulsing 95 dB at 10 in / 0.25 m (typical)
Confidence beep:	Every 5 seconds (field-selectable on/off)
Other:	Low battery; off warning; sensor fail
Vibrator Alarm Standard:	Vibrates in sync with audible and visual alarms
CONTINUOUS LCD DISPLAY:	Alphanumeric gas readout and status display advises:
Gas ppm or %:	Continuously displays gas concentration present
TWA and STEL ppm or %:	Records and displays on demand
Peak ppm or %:	Records and displays peak (maximum) exposure to gas on demand
Setpoints:	Displayed on activation (auto) and after calibration in ppm or %
TESTS:	
Full function self-test:	Full function self-test on activation (auto)
Battery:	Continuous (auto)
GENERAL SPECIFICATIONS:	Rugged composite material with integral concussion-proof boot
IP Rating:	Highly water resistant IP 66/67 housing
EMI/RFI:	Complies with EMC Directive 89/336/EEC
Battery type:	3-volt lithium (Energizer CR2 camera battery)
Battery life:	2 year battery life (typical) with replaceable 3V battery
Size:	1.1 x 2.0 x 3.75 inches / 28 x 50 x 95 mm
Weight:	2.9 oz. / 82 g
EVENT LOGGING:	Records and transmits up to 10 gas alarm events
Event information:	Gas type, peak exposure level (ppm or vol); alarm duration in minutes and seconds; time elapsed since the alarm occurred in days, hours and minutes
Transmission method:	Via infrared port to USB PC adapter
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 60-second intervals
Storage:	Up to 8 months of continuous data at 5 second intervals (based on a normal work week). When full, wraparound memory feature replaces oldest data with most recent data
WARRANTY:	2 years including sensor, except NH_3 (one year)

[1]The HIGH Alarm and STEL Alarm have the same highest alarm priority. The LOW Alarm overrides the TWA Alarm.

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

ATEX: CE II 1 G EEx ia IIC T4
IECEx: Ex ia IIC T4

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1. LARGE, ALPHANUMERIC DISPLAY
2. ADVANCED, MICRO CONTROLLER-BASED OPERATION
3. ELECTROCHEMICAL SENSOR
4. BRIGHT, WIDE-ANGLED, VISUAL ALARM BAR
5. HIGH-OUTPUT, 95 dB AUDIBLE ALARM (TYPICAL)
6. AUTO ZERO/AUTO SPAN
7. AUTO BACKLIGHT
8. LOW, HIGH, TWA AND STEL ALARMS
9. RUGGED, COMPACT, LIGHTWEIGHT

IR DATALINK USB ADAPTER

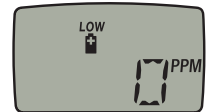TRAINING CD-ROM

Full information status panel with easy prompts:

HIGH ALARM 18 PPM
△ Advises alarm level encountered (LOW/HIGH/TWA/STEL)

AUTO-ZERO 0 PPM
△ Auto zero and easy prompted calibration

MAX 18 PPM
△ Records and displays Peak (Max) exposure

LOW 0 PPM
△ LOW battery

Locally distributed by:

*IN PROGRESS