# single gas detector



GASALERT H2

# Long-term solution

Designed with durability and comfort in mind, the GasAlert Extreme reliably monitors for any single gas hazard within its wide range of available toxic gas models. With easy on/off operation, this single gas detector offers extended longevity with a two year field-replaceable battery and sensor. Calibration is a simple automatic procedure and is compatible with BW's MicroDock II automatic test and calibration system. A wide range of user options, multilanguage display and datalogging functionality make the GasAlert Extreme an ideal solution for many applications.













Easy gas identification with color coded labels:



- Direct, real-time readings on large LCD
- Operates through consecutive shifts—exceptional battery run-time
- Secure and accurate history with datalogging



Wear yellow. Work safe.

## Standard features of BW products:

- Continuous LCD shows real-time gas concentrations
- · Compact and lightweight design makes it comfortable to wear
- Water-resistant
- Simple automatic calibration procedure; compatible with BW MicroDock II automatic test and calibration station
- Full function self-test of sensor, battery status, circuit integrity and audible/visual alarms on start up
- Bright wide-angled visual alarm bars
- Built-in concussion-proof boot

## GasAlert Extreme Specifications

Size	1.1 x 2.0 x 3.75 in. / 2.8 x 5.0 x 9.5 cm		
Weight	2.9 oz. / 82 g		
Alarms	- Visual, vibrating, audible (95dB) - Low, High, STEL, TWA		
Tests	Sensor integrity, circuitry, battery and audible/visual alarms on activation, battery (continuous)		
Pump	Compatible with the Sampler motorized pump		
Typical battery life	2 year battery life (typical) with replaceable 3V battery		
User options	Confidence beep	Automatic backlight	
	Latching alarms Stealth mode Passcode protection Automatic O <sub>2</sub> calibration	User-settable calibration gas level Calibration past due lockout Language choices (five)	
Ratings	EMI/RFI: Complies with EMC Directive 89/336/EEC IP 66/67		
Certifications and approvals	<ul> <li>Class I, Div. 1, Gr. A, B, C, D Class II, Div. 1, Gr. E, F, G</li> <li>American Bureau of Shipping</li> <li>ATEX: C€ ☺ II 1 G T4 Ex ia IIC T4</li> <li>IECEX: Ex ia IIC T4</li> <li>C€: European Conformity</li> </ul>		
Warranty	Full two year warranty including sensors (One year NH <sub>3</sub> , Cl <sub>2</sub> , O <sub>3</sub> , ETO, ClO <sub>2</sub> sensors)		

## Additional GasAlert Extreme features:

- · Equipped with internal vibrating alarm for high noise areas
- · Secure and accurate history with datalogging
- Multi-language support in English, French, German, Spanish and Portuguese
- Tamper-proof settings with passcode protection

### **Options and Accessories**



boot

compatible





IR DataLink

SamplerPak motorized pump

For a complete list of accessories, please contact BW Technologies by Honeywell.

Sensor Specifications				
Gas	Measuring Range (ppm)	Operating Temperature	Relative Humidity (non-condensing)	
H <sub>2</sub> S	0-100	-40 to +122°F/-40 to +50°C	15% - 90%	
H <sub>2</sub> S (High Range)	0-500	-40 to +122°F/-40 to +50°C	15% - 90%	
SO <sub>2</sub>	0-100.0	-40 to +122°F/-40 to +50°C	15% - 90%	
HCN	0-30.0	-40 to +122°F/-40 to +50°C	15% - 90%	
CO	0-1000	-22 to +122°F/-30 to +50°C	15% - 90%	
<b>CO</b> (Low H <sub>2</sub> )	0-1000	-22 to +122°F/-30 to +50°C	15% - 90%	
NH <sub>3</sub>	0-100	-4 to +104°F/-20 to +40°C	15% - 90%	
NH <sub>3</sub> (High Range)	0-400	-4 to +104°F/-20 to +40°C	15% - 90%	
Cl <sub>2</sub>	0-50.0	-4 to +122°F/-20 to +50°C	10% - 95%	
NO	0-250	-4 to +122°F/-20 to +50°C	15% - 90%	
NO <sub>2</sub>	0-100	-4 to +122°F/-20 to +50°C	15% - 90%	
PH <sub>3</sub>	0-5.0	-4 to +122°F/-20 to +50°C	15% - 90%	
ET0	0-100.0	-4 to +122°F/-20 to +50°C	15% - 90%	
CIO <sub>2</sub>	0-1.0	-4 to +122°F/-20 to +50°C	15% - 95%	
03	0-1.0	-4 to +122°F/-20 to +50°C	15% - 90%	
<b>0</b> <sub>2</sub> (%by Vol.)	0-30.0%	-4 to +122°F/-20 to +50°C	0% - 99%	
Alarm setpoints for all sensors are user adjustable. Setpoints are automatically displayed				

Alarm setpoints for all sensors are user adjustable. Setpoints are automatically displayed during instrument start up.

#### Locally available from



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

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