



# GasAlert EXTREME

single gas detector



## 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, multi-language display and datalogging functionality make the GasAlert Extreme an ideal solution for many applications.



H<sub>2</sub>S  
CO  
O<sub>2</sub>  
SO<sub>2</sub>  
NH<sub>3</sub>  
PH<sub>3</sub>  
Cl<sub>2</sub>  
ClO<sub>2</sub>  
NO  
NO<sub>2</sub>  
HCN  
ETO  
O<sub>3</sub>

**WATER  
RESISTANT**



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




**BW**  
Technologies  
by Honeywell

**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

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



MicroDock II compatible



Concussion-proof boot



SamplerPak motorized pump



IR DataLink

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

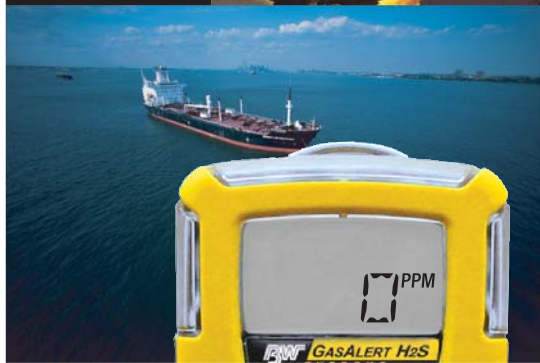
### Sensor Specifications

Gas	Measuring Range (ppm)	Operating Temperature	Relative Humidity (non-condensing)
<b>H<sub>2</sub>S</b>	0-100	-40 to +122°F/-40 to +50°C	15% - 90%
<b>H<sub>2</sub>S (High Range)</b>	0-500	-40 to +122°F/-40 to +50°C	15% - 90%
<b>SO<sub>2</sub></b>	0-100.0	-40 to +122°F/-40 to +50°C	15% - 90%
<b>HCN</b>	0-30.0	-40 to +122°F/-40 to +50°C	15% - 90%
<b>CO</b>	0-1000	-22 to +122°F/-30 to +50°C	15% - 90%
<b>CO (Low H<sub>2</sub>)</b>	0-1000	-22 to +122°F/-30 to +50°C	15% - 90%
<b>NH<sub>3</sub></b>	0-100	-4 to +104°F/-20 to +40°C	15% - 90%
<b>NH<sub>3</sub> (High Range)</b>	0-400	-4 to +104°F/-20 to +40°C	15% - 90%
<b>Cl<sub>2</sub></b>	0-50.0	-4 to +122°F/-20 to +50°C	10% - 95%
<b>NO</b>	0-250	-4 to +122°F/-20 to +50°C	15% - 90%
<b>NO<sub>2</sub></b>	0-100	-4 to +122°F/-20 to +50°C	15% - 90%
<b>PH<sub>3</sub></b>	0-5.0	-4 to +122°F/-20 to +50°C	15% - 90%
<b>ETO</b>	0-100.0	-4 to +122°F/-20 to +50°C	15% - 90%
<b>ClO<sub>2</sub></b>	0-1.0	-4 to +122°F/-20 to +50°C	15% - 95%
<b>O<sub>3</sub></b>	0-1.0	-4 to +122°F/-20 to +50°C	15% - 90%
<b>O<sub>2</sub> (%by Vol.)</b>	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 during instrument start up.

Locally available from

# GasAlert EXTREME



"INNOVATORS IN GAS DETECTION"

**BW**  
Technologies

## Applications

### Oil and Gas (Drilling and Production)

- Facility Turnarounds/Shutdowns
- LPG Storage Areas
- Offshore and Onshore Drilling and Service Rigs
- Offshore Production Platforms
- Personal Protective Equipment (PPE)

### Utilities and Municipalities

- Confined Space Entry
- Gas Leak Detection
- Oil, Gas, Nuclear and Coal Fired Power Generation
- Landfill Gas Generation
- Sewage Treatment Facilities
- CO Exposure Monitoring
- Parks and Recreation Facilities
- Turnarounds/Shutdowns

### Refineries and Petrochemical Facilities

- Planned Maintenance  
Plant Turnarounds/Shutdowns
- Personal Protective Equipment (PPE)

### Steel Mills

- CO Detection
- Personal Protective Equipment (PPE)
- General Worker Protection

### Pulp and Paper

- Personal Protection
- Hazmat Response
- Confined Space Entry
- Work Site Safety

### Marine / Shipping

- Vessel Entry
- Personal Protection
- Ship Hold Inspections
- Work Site Safety
- Below Deck Entry
- Extreme Weather Environments

### General Industry

- Construction
- Military
- Mining
- Chemical Facilities
- Agriculture (Pork and Poultry)
- Grain Storage

### Construction

- Trenching and Shoring

### Homeland Security

- Clandestine Drug Labs
- WMD

### Industrial Hygiene

- Permissible Exposure Limit/TLV® Exposure Compliance





# Single Gas Detector

H<sub>2</sub>S  
CO  
O<sub>2</sub>  
SO<sub>2</sub>  
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Cl<sub>2</sub>  
ClO<sub>2</sub>  
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## GasAlert EXTREME



**WATER  
RESISTANT** 



### Long-term solution

Compact and affordable, 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. A wide range of tamperproof user options and multi-language display make the GasAlert Extreme an ideal solution for a variety of applications; plus, datalogging is now standard on all units. Calibration is a simple automatic procedure and is compatible with BW's MicroDock II automatic test and calibration system.

### Standard Package Contents

- Detector complete with specified sensor, stainless steel alligator clip and concussion-proof housing
- Calibration/test cap and hose
- Manual
- Multi-language CD manual

### General 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
Typical battery life	Two year battery life (typical) with replaceable 3V battery
Certifications and approvals	 Class I, Div. 1, Gr. A, B, C, D Class II, Div. 1, Gr. E, F, G  American Bureau of Shipping <b>ATEX:</b> CE Ex II 1 G Ex ia IIC T4* Ex ia IIC T4* <b>IECEX:</b> <b>INMETRO:</b> BR-Ex ia IIC T4* <b>CE:</b> European Conformity
Warranty	Full two year warranty including sensors (One year Cl <sub>2</sub> , NH <sub>3</sub> , O <sub>3</sub> , ETO & ClO <sub>2</sub> sensor)

<i>GasAlert Extreme</i>	Measuring Range	Order Number*	
		Yellow	Black
Hydrogen sulfide (H <sub>2</sub> S)	0-100 ppm	GAXT-H-DL	GAXT-H-DL-B
Hydrogen sulfide (H <sub>2</sub> S) (extended range)	0-500 ppm	GAXT-H-2-DL	GAXT-H-2-DL-B
Carbon monoxide (CO)	0-1000 ppm	GAXT-M-DL	GAXT-M-DL-B
Carbon monoxide (CO) (H <sub>2</sub> resistant)	0-1000 ppm	GAXT-M2-DL	GAXT-M2-DL-B
Oxygen (O <sub>2</sub> )	0-30.0%	GAXT-X-DL	GAXT-X-DL-B
Sulfur dioxide (SO <sub>2</sub> )	0-100 ppm	GAXT-S-DL	GAXT-S-DL-B
Chlorine (Cl <sub>2</sub> )	0-50.0 ppm	GAXT-C-DL	GAXT-C-DL-B
Hydrogen cyanide (HCN)	0-30.0 ppm	GAXT-Z-DL	GAXT-Z-DL-B
Nitrogen dioxide (NO <sub>2</sub> )	0-99.9 ppm	GAXT-D-DL	GAXT-D-DL-B
Ammonia (NH <sub>3</sub> )	0-100 ppm	GAXT-A-DL	GAXT-A-DL-B
Ammonia (NH <sub>3</sub> ) (extended range)	0-400 ppm	GAXT-A2-DL	GAXT-A2-DL-B
Phosphine (PH <sub>3</sub> )	0-5.0 ppm	GAXT-P-DL	GAXT-P-DL-B
Ozone (O <sub>3</sub> )	0-1 ppm	GAXT-G-DL	GAXT-G-DL-B
Ethylene oxide (ETO) (C <sub>2</sub> H <sub>4</sub> O)	0-100 ppm	GAXT-E-DL	GAXT-E-DL-B
Nitric oxide (NO)	0-250 ppm	GAXT-N-DL	GAXT-N-DL-B
Chlorine dioxide (ClO <sub>2</sub> )	0-1 ppm	GAXT-V-DL	GAXT-V-DL-B

*Note: Download of datalogged information requires use of the GA-USB2 high-speed IR adaptor. Receive a GA-USB2 IR DataLink USB Adaptor at no charge with purchase of 10 or more GasAlert Extreme detectors.*

*\*Add "-BR" to the end of the order number for INMETRO certified detectors (for Brazil only).*

### Gas Legend

Cl <sub>2</sub>	Chlorine	NO	Nitric oxide
ClO <sub>2</sub>	Chlorine dioxide	NO <sub>2</sub>	Nitrogen dioxide
CO	Carbon monoxide	O <sub>2</sub>	Oxygen
ETO	Ethylene oxide (C <sub>2</sub> H <sub>4</sub> O)	O <sub>3</sub>	Ozone
H <sub>2</sub> S	Hydrogen sulfide	PH <sub>3</sub>	Phosphine
HCN	Hydrogen cyanide	SO <sub>2</sub>	Sulfur dioxide
NH <sub>3</sub>	Ammonia		



*MicroDock II  
Automatic test and calibration  
station (see MicroDock II section  
for additional information)*



*IR DataLink  
GA-USB2  
USB adaptor*

### Carrying Accessories

	Order Number
Concussion-proof boot with stainless steel alligator-style clip	GA-BALERT
Splash guard filters, kit of 5 for use with concussion-proof boot (GA-BALERT)	GA-BSPLASH-K
Hard hat clip (non-conductive)	GA-HC-1
Alligator-style clip (non-conductive)	GA-AG-1
Alligator-style clip (stainless steel)	GA-AG-2
Belt clip with screw	GA-CL-1
Neck strap with safety release	GA-NS-1
Short strap (6 in. / 15.2 cm)	GA-LY-1
Extension strap (4 ft. / 1.2 m)	GA-ES-1
Armband	GA-ARM-1
Chest harness	GA-CH-2
Hard-sided carrying case for motorized sampling pump and/or the detector	SPAK-CC1

### Datalogging Accessories and Spares

	Order Number
IR DataLink USB adaptor	GA-USB2
<i>Receive a free adaptor with purchase of 10 or more GasAlert Extreme detectors. This high speed adaptor is required to download information from a GasAlert Extreme.</i>	

### Sampling/Testing Equipment and Spares

	Order Number
Test cap and hose (1 ft. / 0.3 m) replacement (included with detector)	GA-TC-1
<i>MicroDock II</i> (not compatible with ClO <sub>2</sub> or O <sub>3</sub> )	
- Base station plus <i>GasAlert Extreme</i> docking module	DOCK2-2-1D-00-G
- <i>GasAlert Extreme</i> module	DOCK2-0-1D-00-G
<i>For complete MicroDock II system configuration information, see MicroDock II section.</i>	
<i>SamplerPak</i> motorized sampling pack kit	GA-SPAK
<i>For a complete list of SamplerPak probes, hoses, accessories and spares, see SamplerPak section.</i>	
Manual aspirator pump kit with probe (1 ft. / 0.3 m)	GA-AS02



Concussion-Proof Boot  
GA-BALERT



Splash Guard Filters  
GA-BSPLASH-K  
*For concussion-proof boot*



Short Strap  
GA-LY-1



Armband  
GA-ARM-1



Neck strap  
GA-NS-1



Test Cap Replacement  
GA-TC-1

<i>Power Spares</i>	<b>Order Number</b>
Battery - lithium, 3V	E2829

<i>Sensor Spares and Replacements</i>	<b>Order Number</b>
Replacement sensor screens with gasket, kit of 10	GAXT-SS
Replacement hydrogen sulfide (H <sub>2</sub> S) sensor	PS-RH04S
Replacement carbon monoxide (CO) sensor	PS-RM04
Replacement carbon monoxide (CO) sensor, H <sub>2</sub> resistant	PS-RM04H
Replacement oxygen (O <sub>2</sub> ) sensor	SR-X10
Replacement sulfur dioxide (SO <sub>2</sub> ) sensor	PS-RS04
Replacement chlorine (Cl <sub>2</sub> ) sensor	PS-RC10
Replacement hydrogen cyanide (HCN) sensor	PS-RZ10
Replacement nitric oxide (NO) sensor	SR-N04
Replacement nitrogen dioxide (NO <sub>2</sub> ) sensor	PS-RD04
Replacement ammonia (NH <sub>3</sub> ) sensor	SR-A04
Replacement ammonia (NH <sub>3</sub> ) sensor, extended range	SR-A204
Replacement phosphine (PH <sub>3</sub> ) sensor	SR-P04
Replacement ozone (O <sub>3</sub> ) sensor	SR-G04
Replacement ethylene oxide (ETO) sensor	SR-E04
Replacement chlorine dioxide (ClO <sub>2</sub> ) sensor	SR-V04



**SamplerPak Kits**  
*Kits include motorized sampling pump, batteries and battery charger (if specified) [See SamplerPak section for kit contents, accessories and spares; detector sold separately]*



**Manual Aspirator Pump**  
 GA-AS02  
*Complete with probe, hose, aspirator pump and adaptor cap*



**Sensor Screens**  
 GAXT-SS