

# GasAlertClip3

EXTREME

H<sub>2</sub>S or CO

"INNOVATORS IN GAS DETECTION"

**BW**  
Technologies



## 3-Year Disposable Gas Detector



ACTUAL SIZE

Water  
Resistant

**3 Years of...**  
**Extreme protection!**  
**Extreme durability!**  
**Extreme value!**

### Protect Yourself

- ▲ Three years of continuous protection with zero maintenance costs
- ▲ Rugged, IP-66/67 highly water-resistant design
- ▲ Continuous, alphanumeric, status LCD shows detector life remaining, alarm setpoints and advises self-test status
- ▲ Built-in concussion-proof boot
- ▲ Records and displays the peak alarm encountered and time elapsed since the exposure occurred
- ▲ Automatically test and store results with BW's MicroDock II system
- ▲ Event log of ten most recent exposure events downloadable via built-in IR COM port to a printer, computer or MicroDock II docking station module
- ▲ Two alarm levels (Low / High)
- ▲ Loud (95 dB typical) audible alarm and bright, quad-LED indication on alarm
- ▲ Internal vibrator alarm standard
- ▲ Compact (1.1 x 2.0 x 3.2 in. / 28 x 50 x 81 mm) and lightweight (2.7 oz. / 76 g)
- ▲ Maintenance free—no sensor or battery replacement, no calibration, no downtime
- ▲ Full-function self-test of audible/visual alarms, plus integrity of sensor, battery and circuitry
- ▲ Continuously ON—one-button activation, test and data transmission
- ▲ Comes complete with rugged, stainless-steel alligator belt clip and test cap
- ▲ Instructions in local languages included



ATEX



and  
others

### Ordering Information

#### 3 Year GasAlertClip Extreme Detectors with Event Logging

GA36XT-H	H <sub>2</sub> S detector
GA36XT-M	CO detector

#### MicroDock II Automatic Test and Calibration System

DOCK2-2-1E-00	MicroDock II base station and H <sub>2</sub> S docking module
DOCK2-2-1G-00	MicroDock II base station and CO docking module

Note: Add suffix by region:

North America: -N      Europe: -E      United Kingdom: -U      Australia: -A

#### Accessories

GA-USB2	Infrared DataLink
GPR-PRINTER2	Infrared cordless printer
GA-TS02	GasAlertClip automatic test station
GA-HC-1	Hard hat clip (for use with alligator clips)
	GA-AG-1 and GA-AG-2)
GA-AG-1	Alligator clip (non-conductive)
GA-CL-1	Belt clip (stainless steel)
GA-NS-1	Neck strap with safety release
GA-TC-1	Test cap and hose
GA-CDT-1	Interactive training CD

ISO  
ISO9001:2000  
Registered

# GasAlertClip Extreme 3

H<sub>2</sub>S or CO

## 3-Year Gas Detection with Event Logging

Simply press the START/TEST button and the **GasAlertClip Extreme 3** is ready to use, providing three years of continuous, maintenance-free operation from the day of activation.

The **GasAlertClip Extreme 3** is highly water-resistant, with an IP-66/67 housing fully-immersible to a depth of one meter. The GasAlertClip Extreme 3 housing includes an integral concussion-proof boot, and a heavy-duty, stainless steel, alligator style belt-clip. A large easy-to-read LCD shows detector life remaining, two alarm setpoints, and peak alarm exposures.

The detector's life remaining is displayed in months, then days, then hours. A full-function self-test verifies sensor, circuitry and battery integrity as well as function of the audible, visual and vibrator alarms.

Stored data can be transmitted directly via IR link to a cordless infrared printer for immediate printout, to a MicroDock II docking station module, or to a personal computer by means of an IR adapter connected to the computer's USB port.

Simply clip the **GasAlertClip Extreme 3** to your lapel, pocket, belt or hard-hat for unequalled, cost-effective protection.

"INNOVATORS IN GAS DETECTION"



For further information:

1-888-749-8878 USA  
1-800-663-4164 Canada  
+44 (0) 1869 233004 Europe  
+971-4-8871766 Middle East  
+61-438-887-232 Australia  
+86-531-66859988 China  
+65-6748-4915 South East Asia  
+1-403-248-9226 Other Countries

Corporate Headquarters

2840 - 2 Avenue S.E.  
Calgary, AB, Canada T2A 7X9  
Phone: +1-403-248-9226  
Fax: +1-403-273-3708

## SPECIFICATIONS

DETECTOR: Zero-maintenance detector

Gas monitored	H <sub>2</sub> S	CO
Sensor range	0-100 ppm	0-300 ppm
Low alarm level <sup>1</sup>	10 ppm	35 ppm 30 ppm (UK/EU) 25 ppm (AU)
High alarm level <sup>1</sup>	15 ppm	200 ppm
Operating temperature <sup>2</sup>	-40 to +122°F -40 to +50°C	-22 to +122°F -30 to +50°C
Calibration	Not required	

<sup>1</sup>Customized alarm settings available at no extra charge

<sup>2</sup>Internal vibrator operates to -15 °C / +5 °F

**GENERAL SPECIFICATIONS:**  
Humidity: 5% to 95% RH (non-condensing)  
EMI/RFI: Complies with EMC Directive 89/336/EEC  
Ingress protection: IP 66/67  
Battery: Lithium, non-replaceable  
Continuously on: Yes  
One-button control: Activation, self-test and alarm event data transmission  
Full functional self-test: Verifies integrity of sensor, circuitry, battery and audible/visual alarms  
Sensor: Electrochemical cell (temperature compensated)  
Operational life: Three years

**INDICATORS AND ALARMS:**  
Visual alarm: Flashing, wide-angled alarm lens with red quad-LEDs, plus flashing ALARM icon  
Audible alarm: Pulsing, high-output siren at 95 dB (typical) at 1 ft. (0.3 m)  
Vibrator alarm: Internal  
Failure alarm: Yes (audible/visual/vibration)  
Self-test pass: Yes (audible/visual/vibration)  
Other: End-of-life (audible/visual/vibration)

**CONTINUOUS LCD DISPLAY:**  
Life remaining: Status display  
Two alarm levels: Continuously displayed in months, then days, then hours  
Peak alarm exposure: LOW alarm / HIGH alarm  
Alarm setpoints: Records and displays peak alarm exposure, and time elapsed (up to 24 hrs.)  
Self-test status: High and low (displayed on demand in ppm)  
Advise to "TEST" and that self-test was passed

**TESTS:**  
Full function self-test: On activation and on demand  
Battery: Every two hours (auto)

**EVENT LOGGING:**  
Event information: Records and transmits up to 10 gas alarm events  
Gas type, peak exposure level (ppm or %); alarm duration in minutes and seconds; time elapsed since the alarm occurred in days, hours and minutes, life remaining, serial number, self-tests, cumulative alarm time

Transmission method: Via infrared port to infrared printer or to an IR DataLink

**PHYSICAL SIZE:**  
Size: 1.1 x 2.0 x 3.2 inches / 28 x 50 x 81 mm  
Weight: 2.7 oz. / 76 g

**WARRANTY:** 3 years from activation, plus 1-year shelf life (given approximately 1.5 minutes of alarm per day in normal operation)

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

RATINGS AND CERTIFICATIONS:



Class I, Div. 1, Gr. A, B, C, D

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

American Bureau of Shipping

- FULL FUNCTION SELF-TEST
- ADVANCED MICROCONTROLLER OPERATION
- TWO LEVELS OF GAS ALARM
- HIGH OUTPUT AUDIBLE ALARM
- BRIGHT, WIDE-ANGLED VISUAL ALARM
- INFRARED DATA PORT
- SUPERIOR RFI PROTECTION
- RUGGED ENCLOSURE



IR DataLink

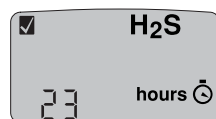


FULL-FUNCTION AUTOMATIC TEST STATION



INFRARED PRINTER

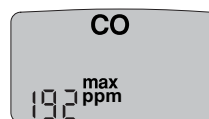
Full information STATUS display



△ Life remaining in months, days and hours



△ Advises alarm level encountered (LOW/HIGH)



△ Records and displays peak alarm exposure in past 24 hrs.