

# 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

[www.CanarySense.com](http://www.CanarySense.com)

Email: [info@optimumentery.com](mailto:info@optimumentery.com)

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 unequaled, cost-effective protection.

"INNOVATORS IN GAS DETECTION"



For further information:  
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BW1113-01-01-00-8.25x11-20050729-5873-8

## 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: Rugged composite material with integral concussion-proof boot  
 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:**  
 Status display  
 Life remaining: Continuously displayed in months, then days, then hours  
 Two alarm levels: LOW alarm / HIGH alarm  
 Peak alarm exposure: Records and displays peak alarm exposure, and time elapsed (up to 24 hrs.)  
 Alarm setpoints: High and low (displayed on demand in ppm)  
 Self-test status: Advises 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  
 American Bureau of Shipping

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

- 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

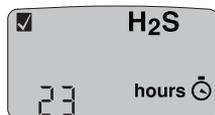


FULL-FUNCTION AUTOMATIC TEST STATION



INFRARED PRINTER

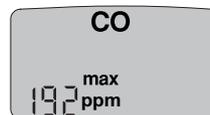
### Full information STATUS display



△ Life remaining in months, days and hours



△ Advises alarm level encountered (LOW/HIGH)



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

Locally distributed by:

