

GasAlertClip

EXTREME

H₂S, CO, SO₂ or O₂

BW
Technologies
by Honeywell

2 Year Disposable Gas Detector



ACTUAL SIZE

**Water
Resistant**

Extreme protection!

Extreme durability!

Extreme value!

Protect Yourself

- ▲ Two years of protection with zero maintenance costs
- ▲ Continuous, alphanumeric, status LCD shows detector life remaining, alarm setpoints and advises self-test status
- ▲ Rugged, IP-66/67 highly water-resistant design
- ▲ Built-in concussion-proof boot
- ▲ Records and displays the peak alarm encountered and the time elapsed since the exposure occurred
- ▲ Automated self-test with BW's MicroDock II system
- ▲ Automatic event logging records 10 most recent alarm events that can be downloaded via built-in IR COM port to a printer, computer or MicroDock II docking station module
- ▲ Two alarm levels (Low / High)
- ▲ Provides typical 95 dB tone and bright, quad-LED indication on alarm
- ▲ Internal vibrator alarm
- ▲ 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

2 Year GasAlertClip Extreme Detectors with Event Logging

GA24XT-H	H ₂ S detector
GA24XT-M	CO detector
GA24XT-S	SO ₂ detector
GA24XT-X	O ₂ detector

MicroDock II Automatic Test and Calibration System

DOCK2-2-1E-00	MicroDock II base station and H ₂ S docking module
DOCK2-2-1F-00	MicroDock II base station and SO ₂ docking module
DOCK2-2-1G-00	MicroDock II base station and CO docking module
DOCK2-2-1H-00	MicroDock II base station and O ₂ 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.gasmonitors.com

e-mail: info@bwt.net

ISO
ISO9001:2000
Registered

GasAlertClip Extreme

H₂S, CO, SO₂ or O₂

2-Year Gas Detection with Event Logging

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

The GasAlertClip Extreme is highly water-resistant, with an IP-66/67 housing fully immersible to a depth of one meter. The GasAlertClip Extreme 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, 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 by 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 to your lapel, pocket, belt or hard-hat for unequaled, cost-effective protection.

SPECIFICATIONS

DETECTOR: Zero-maintenance detector

Gas monitored	H ₂ S	CO	SO ₂	O ₂
Sensor range	0-100 ppm	0-300 ppm	0-100 ppm	0-30.0 % by vol.
Low alarm level ¹	10 ppm	35 ppm 30 ppm (UK/EU)	5 ppm	19.5%
High alarm level ¹	15 ppm	200 ppm	10 ppm	23.5%
Operating temperature ²	-40 to +122°F -40 to +50°C	-22 to +122°F -30 to +50°C	-22 to +122°F -30 to +50°C	-4 to +122°F -20 to +50°C
Calibration	Not required			Self-calibrating

¹Customized alarm settings available at no extra charge

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

GENERAL SPECIFICATIONS: Rugged composite material with integral concussion-proof boot

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: Two 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: 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 or %)

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: Records and transmits up to 10 gas alarm events

Event information: 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: 2 years from activation, plus 1-year shelf life (given 3-5 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 EEx ia IIC T4

IECEx: Ex ia IIC T4



American Bureau of Shipping



For further information:

1-888-749-8878 USA
 1-800-663-4164 Canada
 +44 (0)1295 700 300 Europe
 +33 (0) 442 98 17 70 France
 +971-4-8871766 Middle East
 +61-3-9464-2770 Australia
 +86 10 8256 4525 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

E-mail: info@bwt.net.com
 www.gasmonitors.com

BW1067-01-01-00-8.25x11-20050628-5472-9

- 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

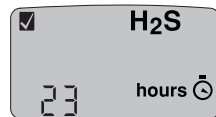


FULL-FUNCTION AUTOMATIC TEST STATION



INFRARED PRINTER

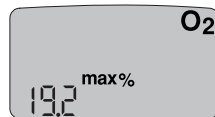
Full information STATUS display



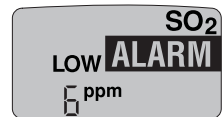
△ Life remaining in months, days and hours



△ Advises alarm level encountered (LOW/HIGH)



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



△ Displays alarm setpoints in ppm or %



Brave Engineering Ltd.

127/13 Moo 12 Raminthra Rd., Klongkum, Bungkum, Bangkok 10230 Thailand.

Tel: +66(0)2944-4679, Fax: +66(0)2944-4920, Email: sales@braveengineering.com

Website: http://www.braveengineering.com