GAS DETECTION PRODUCT GUIDE













www.gasmonitors.com

Technologies
by Honeywell

Wear yellow. Work safe.

BW Technologies by Honeywell is a world leader in the gas detection industry through our commitment to providing customers with high performance, dependable products backed by exceptional customer service and support. We design, manufacture and market innovative global gas detection solutions for a wide variety of applications and industries.

Applications

BW Technologies by Honeywell serves a wide variety of markets, including:

- Agriculture
- Airlines
- Chemical
- Confined space entry
- Construction
- Fire rescue
- Marine and shipping
- Mining (open pit)
- Municipalities

- · Oil and gas
- Pharmaceuticals
- Pulp and paper
- Refineries and petrochemical facilities
- Steel mills
- Telecom
- Transportation
- Utilities

Gases

- Combustible gases
- Oxvaen

Only goin		
• Toxic gases:	NH ₃	Ammonia
	CO	Carbon monoxide
	CO ₂	Carbon dioxide
	Cl ₂	Chlorine
	CIO ₂	Chlorine dioxide
	C ₂ H ₄ O	Ethylene oxide (ETO)
	HCI	Hydrogen chloride
	HCN	Hydrogen cyanide
	H ₂ S	Hydrogen sulfide
	NO	Nitric oxide
	NO ₂	Nitrogen dioxide
	O ₃	Ozone
	SO ₂	Sulfur dioxide
	DHa	Phoenhine

• VOCs (Volatile Organic Compounds)

Contents

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lcon K	ey		
	Concussion-proof boot	Ċ	Rechargeable battery
	Water resistant	AA	AA batteries
A	Alligator clip	AUTO	Auto zero function
	Stainless steel belt clip	✓	Self-test
S <u>TE</u> L TWA	STEL/TWA alarms	P	Passcode protection
HIGH	High alarm	GE ŽE	Multi-language option
Low	Low alarm	3	Life remaining display
	Vibrating alarm		Zero-maintenance
951))	95 dB audible alarm		Datalogging*
	Backlight	(((•	IR port downloadable
	IntelliFlash		One-button simplicity

*Datalogging may be optional on some products.

GasAlertQuattro

H₂S, CO, O₂, %LEL

Simple, Efficient Visual Compliance

GasAlertQuattro is the most economical and simple way to visual compliance. Among portable multigas detectors, only the Quattro has IntelliFlash, a green LED that continuously flashes to let the safety manager know their crew is safe, the site is compliant and the job is productive. And Quattro is a member of the GasAlert family of simple. one-button operation which means less training and tamperproof quality.









































Suited to a wide range of applications, the GasAlertQuattro is ideal for industries including oil and gas, petrochemical, power and utilities and general confined space entry. No matter what the industry, the GasAlertQuattro has the right capabilities.

It's simple, it's rugged, it's reliable. Quattro continues the simplicity BW Technologies has a tradition of bringing to the job. The rugged design keeps Quattro working in the most extreme weather, environments and work conditions. Easily recognizable icons communicate information about bump testing, calibration, remaining battery charge and operation status. So, relying on Quattro prevents costly downtime and workers feel safer.



- IntelliFlash verifies operation and compliance to both the user and supervisors from up to 20 ft. / 6.1 m
- Detects up to four hazards including H₂S, CO, O₂ and combustibles
- Minimizes costs and training as the newest member of the GasAlert family of simple one-button operation gas detectors
- Interchangeable power options with extended battery runtimes means GasAlertQuattro is on the job shift after shift minimizing overall fleet cost
- Field-proven Surecell® sensors offer unprecedented performance even in the harshest environments
- MicroDock II compatible for easy calibration, test and record storage

GasAlertQuattro

Easy Auditing

No manual checks, no time spent inspecting... just a quick visual scan of the area provides assurance all is well in minutes, not hours. So safety managers can spend more time on the job, not auditing equipment.



The green LED confidence flash verifies normal operation, including bump test and calibration compliance, to both the user and supervisors from up to 20 ft. / 6.10 m.



Accessories

Customize your GasAlertQuattro to suit specific applications and maximize performance with a wide variety of accessories.

Connectivity

IR Connectivity Kit

The IR connectivity kit easily connects to the detector's charging and IR communications port for high-speed data downloads and access to instrument set-up options.



Filters



Auxiliary Filter Kit

Shield your LCD from scratches and provide additional protection for the sensors against dirt and debris. Ships with five filters.

Deluxe Confined Space Kit





GasAlertMicroClip

H₂S, CO, O₂, %LEL

Multi-Gas Made Simple

The slim and compact GasAlertMicroClip provides affordable protection from atmospheric hazards. A member of the GasAlert family of simple onebutton operation instruments, this multi-gas detector offers ultimate ease of use and significantly reduces training time and increases productivity.





































Ideal for confined space entry, the GasAlertMicroClip can be used in any application such as telecom, oil and gas, municipalities, utilities, marine and shipping, refineries, petrochemical facilities and construction or by hazmat, police and firefighters.

Calibration is required only two times per year with a simple one-button automatic procedure. The unit recharges in three hours and is powered by a lithium polymer battery. The GasAlertMicroClip features a built-in concussion-proof boot plus an IP67 rating ensures dust and water resistance. Guarantee an accurate record of a user's day with 16 hours of standard datalogging and event logging of up to ten events. All these features and benefits add to a monitor that not only keeps workers safe and compliant but also lowers the overall cost of ownership.



- Detects up to four hazards including H₂S, CO, O₂ and combustibles
- Minimizes costs and training as a member of the GasAlert family of simple one-button operation gas detectors
- Incredibly thin and lightweight, making it comfortable to wear
- · Powered by a rechargeable battery
- Multi-language support in English, French, German, Spanish and Portuguese
- MicroDock II compatible for easy calibration, test and record storage

GasAlertMicroClip

Perfect for Rental Applications

When ordered with a generic black housing, the GasAlertMicroClip is well-suited for the rental community. And, as a member of the GasAlert family of simple, one-button operation gas detectors, it's easy to train one time for use with all three instruments: GasAlertMicroClip, GasAlertMax XT II and our newest family member, GasAlertQuatto. Simple, easy-to-use means decreased downtime and increased productivity.



Accessories

Customize your GasAlertMicroClip to suit specific applications and maximize performance with a wide variety of accessories.

Connectivity

IR Connectivity Kit

Connects to the charging and IR communications port for data downloads and access to instrument set-up options (software included)



Filters

Auxiliary Filter Kit

Easily attaches in the field to protect the internal filter (includes five filters)





Deluxe Confined Space Kit



Charging Options

Make sure your GasAlertMicroClip is ready when you are with a variety of charging options.



GasAlertMax XT II

H₂S, CO, O₂, %LEL

Simple, Easy to Use, Multi-gas with Pump

As a member of the GasAlert family of simple, one-button operation gas detectors, GasAlertMax XT II combines straightforward field operation with an integrated sampling pump. Equipped with SmartSample technology, the GasAlertMax XT II's powerful diaphragm pump saves time with reliable pump block detection; water and other liquids are prevented from being drawn into the pump.





































The GasAlertMax XT II is ideally suited to a range of applications and customers including oil and gas, marine and shipping, utilities, wastewater treatment plants, power generation, municipal needs and confined space entry.

Simplicity meets cost containment with GasAlertMax XT II. Calibration is required only two times per year with a simple one-button automatic procedure. Tamper-proof, user adjustable options enable the user to customize the instrument to suit specific applications. Eliminating pushbutton menu navigation, the GasAlertMax XT II connects to a computer using the IR connectivity kit to access userdefinable options. It's never been easier to be safe, compliant and lower overall costs of operation.



- Detects up to four hazards including H₂S, CO, O₂ and combustibles
- Minimizes costs and training as a member of the GasAlert family of simple one-button operation gas detectors
- More accurate sampling results with SmartSample pump technology
- Built-in rechargeable lithium battery
- Rugged and durable with built-in concussion-proof boot
- Standard datalogging and event logging
- Quickly check condition of pump filter through pump filter window
- Multi-language support in English, French, German, Spanish and Portuguese

GasAlertMax XT II

Simplify Sampling

Equipped with SmartSample technology, the GasAlertMax XT II's integrated sampling pump is designed for performance, reliability and ease-of-use. The simple, quick-connect tubing system instantly secures the sampling hose in place, enabling the user to change tubing lengths (up to 66 ft. / 20 m) and sampling accessories in seconds. And with the pump filter window, users can quickly check the condition of the pump filter and replace it directly in the field.





Accessories

Customize your GasAlertMax XT II to suit specific applications and maximize performance with a wide variety of accessories.



Carrying Holster

Conveniently attach the detector to your belt and manage excess tubing



Heavy duty protection for extreme conditions





IR Connectivity Kit Use for data download and instrument set-up options

Filters

Auxiliary Pump Filter

For high dust environments; available in kits of 5 or 100



Hydrophobic Pump Filter or Particulate Pump Filter Both are available in kits of 5, 50 or 100



Deluxe Confined Space Kit



Charging Options

Make sure your GasAlertMax XT II is ready when you are with a variety of charging options.



Multi-Unit Cradle Charger Simultaneously charges five detectors



GasAlertMicro 5 Series

H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂, HCN, Cl₂, ClO₂, O₃, %LEL, VOCs (PID), CO₂ (IR)

Measure up to five hazards concurrently

Rugged and durable, the GasAlertMicro 5 Series are available as diffusion or pumped instruments. Each of the portable gas detectors simultaneously monitor and display up to five potential atmospheric hazards. The GasAlertMicro 5 PID model also identifies PID detectable VOCs, while the GasAlertMicro 5 IR uses an NDIR sensor to monitor CO2 levels.





































GasAlertMicro 5 Series instruments are designed for any application requiring confined space entry such as telecom, oil and gas, municipalities, utilities, marine and shipping, refineries, petrochemical facilities and construction as well as by hazmat, police and firefighters.

Use the passcode protect function to prevent unauthorized modifications to the instrument's settings. Other user options include selectable ppm resolution, combustible/PID correction factor options and multilanguage support. User-downloadable datalogging features wraparound memory. Power options include three AA alkaline batteries or a hot-swappable, rechargeable battery pack.



- · Rapidly switch from diffusion to pump mode
- Dust and water resistant design with IP65/67 rating
- Built-in concussion-proof boot
- User-downloadable datalogging
- Full function self-test
- Simple, automatic calibration procedure
- Multi-language support in English, French, German, Spanish and Portuguese

GasAlertMicro 5 Series



For remote sampling prior to entering a confined space, GasAlertMicro 5 Series instruments can be switched from diffusion to pump mode. Integral motorized pump kits include pump cover, sample probe, particulate filters, sample tubing and spare filters.

Sampling Probe

Includes particle and water filter (for the GasAlert detector series)

Accessories

Customize your GasAlertMicro 5 Series instruments to suit specific applications and maximize performance with a wide variety of accessories.

Perfect for Rental Application

When ordered with a generic black housing, the GasAlertMicro 5 Series is well-suited for the rental community. Simple, easy-to-use means decreased downtime and increased productivity.



The versatile GasAlertMicro 5 Series is the perfect choice for a wide variety of monitoring applications.



Deluxe Confined Space Kit

Simplify confined space entry.
The Deluxe Confined Space
Kit is designed to provide all
the accessories necessary to
safely sample and effectively
monitor for atmospheric
hazards during confined
space entry work.



Vehicle Adaptor

Vehicle adaptor cable for use with cradle charger

Carrying Accessories

Concussion-Proof Boot

Heavy duty protection for extreme conditions





GasAlert Extreme

H₂S, CO, O₂, SO₂, PH₃, NH₃, NO₂, NO, HCN, Cl₂, ClO₂, O₃, ETO

Long term, single gas 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.

Calibration is a simple automatic procedure.















- Standard datalogging
- Built-in concussion-proof boot
- Exceptional battery runtime
- Highly water resistant design with IP66/67 rating
- Field-settable user options are tamper-proof with passcode protection
- Multi-language support in English, French, German, Spanish and Portuguese

Accessories



Concussion-Proof Boot Heavy duty protection for extreme conditions





Test Cap Replacement

Easily deliver gas to sensor ports during remote sampling, calibration or bump testing

GasAlertClip Extreme

H₂S, CO, O₂, SO₂ - 2 year; H₂S, CO - 3 year

Up to three years of continuous, single gas protection

Simply press the start/test button and the GasAlertClip Extreme is ready to use. Available in two or three year versions, this single gas detector requires no calibration, sensor replacement, battery replacement or battery charging. Rugged and durable with built-in concussion-proof boot, the GasAlertClip Extreme's

LCD displays life remaining in months, days and hours.























- Exceptionally low cost of ownership
- No downtime
- Daily self test reminder
- Automatic event logging
- Peak alarm exposures can be displayed on demand
- Rugged water resistant design with IP66/67 rating

MicroDock II compatible

Accessories

Splash Guard Filters

For use with concussionproof boot; available in pack of ten (also for use with GasAlert Extreme)









Concussion-**Proof Boot**

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MicroDock II

Automate compliance and maintenance

The MicroDock II automated calibration, test and record storage system is a cost-effective way to manage the calibration and bump testing of BW's portable gas detectors.



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GasAlertClip Extreme	•			•			•	ĺ
GasAlert Extreme	•	•	•	•	•		•	
GasAlertMicroClip	•	•	•	•	•	•		
GasAlertMax XT II	•	•	•	•	•	•		
GasAlertQuattro	•	•	•			•	•	
GasAlertMicro 5 Series	•	•	•			•	•	

Calibration, bump testing, charging and data downloads are made simple with the press of a button.

Fully portable and easily expandable, the MicroDock II requires no computer and provides simultaneous management of up to ten docking modules.

Cost and time requirements for routine maintenance are reduced through the MicroDock II's sophisticated automatic calibration and test procedures. Instrument records are stored for easy retrieval in the MicroDock II and each individual gas detector. Each MicroDock II can be connected via a LAN connection.



- No computer required
- Fully portable
- Automatic bump test and calibration
- Expandable up to ten modules
- Stores and updates calibration records
- Automatically tests audible and visual alarms
- Fleet Manager II software included
- Manage multiple MicroDock II systems via LAN

MicroDock II

MicroDock II Kits

MicroDock II kits are the ideal solution for effortless mobility. The Hard Case Kit holds a base station, docking module and a 34 L cylinder of calibration gas. The Heavy Duty Case Kit holds a base station, up to three docking modules and up to three 58 L cylinders of calibration gas in a waterproof case. Both kits can be customized to suit your application.



Accessories

The MicroDock II can be used with a variety of accessories, making management of your portable gas detectors easy.



Network USB

Fleet Manager II Software

Download information faster than ever before directly from your BW instruments or the MicroDock II.

Create accurate and user-friendly reports automatically, view history, archive data easily, manage calibration and bump check records as well as sort, format and graph your data.

Improved functionality allows users to print receipts of

calibration at the press of a button, produce reports in PDF format or Microsoft Excel, and select applicable devices with flexible settings. With traceability users can correlate

items such as a user and their detector's record or track the use of a particular lot number of calibration gas.



Compatible with:

GasAlertMicroClip GasAlertMicro 5 Series GasAlertMax XT II GasAlertQuattro GasAlert Extreme
GasAlertClip Extreme
MicroDock II

Calibration Gas



Calibration Gas



Demand Flow Regulator

Cal Gas Wall Mount 34 L available in red and black 34 L and 58 L adjustable mount available



SamplerPak

External motorized sampling pump

Designed for use with BW Technologies single and multi-gas diffusion detectors, the Sampler is a motorized pump that provides remote sample draws for many applications, including pre-entry and/or continuous confined space work. Add an extra degree of safety to your work by simply attaching the pump to your detector and activate.



- · Compatible with BW Technologies diffusion instruments
- Compact and lightweight (6.2 oz. / 175 g)
- SamplerPak kits available with rechargeable or alkaline batteries

Calibration/Test Equipment



Sampling Equipment

Customize your portable gas detector to suit specific applications and maximize performance with a wide variety of sampling accessories.





Manual Aspirator Pump

Simplify remote sampling; for use with GasAlert Extreme, GasAlertMicro 5 Series, GasAlertMicro and GasAlertMicroClip

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