

The BW Technologies Monitor



A periodic newsletter to keep BW's customers up-to-date on our products and our presence in the industry.

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GasAlertMax XT

BW Technologies by Honeywell announces the arrival of the latest portable multi-gas solution – the compact, comfortable and field tough GasAlertMax XT.

Durable and rugged, the GasAlertMax XT offers simultaneous monitoring for:

- Hydrogen sulfide (H₂S)
- Carbon monoxide (CO)
- Oxygen (O₂)
- Combustibles (%LEL)

The GasAlertMax XT features an integrated sampling pump. Equipped with SmartSample technology, the GasAlertMax XT's powerful diaphragm pump saves time with reliable pump block detection.

One Button Operation

By offering one-button operation, the GasAlertMax XT provides ease of use and simple compliance to industry safety standards. With the push of the button, the GasAlertMax XT starts up and begins a self-test, automatically verifying proper

operation of visible, audible and vibrating alarms, sensors, battery and pump.

Flexible User Options

Tamper-proof, user adjustable options enable the user to customize the instrument to suit specific applications. Eliminating push-button menu navigation, the GasAlertMax

XT connects to a computer using the IR Connectivity Kit to access user-definable options. Powered by a rechargeable battery pack that

provides runtime for an entire 13 hour shift, the compact GasAlertMax XT comes with standard event logging and datalogging. Calibration is simple with an automatic procedure.

The GasAlertMax XT 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. BW's confined space kit is designed to provide the user with all the accessories needed to safely and effectively monitor for potential atmospheric gas hazards in confined space entry applications. The GasAlertMax XT makes confined space entry quick and simple.

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

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Notes from the Editor

Tradeshaw season is kicking into high gear. We hope all of our distributors will visit us at any of the upcoming exhibitions in your area. Please visit www.gasmonitors.com to find the upcoming tradeshow nearest you!

Sarah Ursulan



PID Cleaning Kit

Six additional languages have been added to the PID Cleaning Kit (M5PID-CLN-K1) instruction sheet:

- French
- German
- Spanish
- Portuguese
- Simplified Chinese
- Russian

Website Improvements

We are in the process of designing a new website. Do you have any suggestions for improvements? If so, contact BW Marketing:

- BWA - Raymond Johnson
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iPod Winner

Congratulations to David Stewart who won an iPod for completing the online survey about BW Technologies.

New Office: Germany

BW Technologies is pleased to announce the opening of a new office in Neuss, Germany. Opened on July 7th, 2008, the office is the fourth BW location in the EMEA region. The new office will be run out of the larger Honeywell Life Safety facility that houses the Novar, Esser and Ackermann fire businesses.

Neuss, a city of over 150,000 people, is located on the west bank of the Rhine, opposite Düsseldorf. Founded by the Romans in 16 BC, Neuss is one of the oldest cities in Europe. BW looks forward to improving our customer service through an expansion of our global support system.

Feature Accessory

Concussion-Proof Boot for additional protection in extreme conditions

The Concussion-Proof Boot slips easily and securely onto the detector for additional protection in extreme conditions. Equipped with a rugged stainless steel, alligator clip, the external rubber boot also helps keep the detector clean.

Available for:

- GasAlertClip Extreme
- GasAlert Extreme
- GasAlertMicro 5 Series (Pumped and non-pumped)
- GasAlertMax XT

Note that the boot must be removed to place the detectors in the MicroDock II system and to access the GasAlertMicro 5 Series diffusion/pump cover. To place GasAlertMicro 5 Series detectors in the cradle charger and to gain battery access, partially remove the boot. To gain access to the GasAlert Extreme and GasAlertMax XT battery, also partially remove the boot.



Partially remove the GasAlertMicro 5 Concussion-Proof Boot to put in the charger



Order Numbers

Concussion-Proof Boot for GasAlertClip Extreme
GA24-BALERT

Concussion-Proof Boot for GasAlert Extreme
GA-BALERT

Concussion-Proof Boot for GasAlertMicro 5 Series
GA-BM5-1 (diffusion units)
GA-BM5-2 (pump units)

Concussion-Proof Boot for GasAlertMax XT
GA-BXT

Customer Support

New BW Technologies Employees

BW Technologies is continually growing and hiring new staff to serve our customers' global needs.
(Please note: RSM = Regional Sales Manager.)

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Product Information

GasAlertMax Discontinuation

Over the past year, due to the reduced supply of several critical components, the BW Technologies by Honeywell sourcing team (with the assistance of the Honeywell sourcing team) has been engaged in a global search for several components to maintain the product line. Unfortunately a power supply connector has become obsolete worldwide. This connector is used on every version of the GasAlertMax instrument.

BW Technologies by Honeywell will continue to offer full customer service, technical support, spare and replacement parts (or equivalent) on the GasAlertMax for the duration of at least 2 years after this notice.

Please contact your local BW Sales Representative to discuss other pumped detector options, including the GasAlertMicro 5 Series instruments and the GasAlertMax XT.

GasAlertMicro 5 Series: GasAlertMax Alternative

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. A motorized pump option is available on all GasAlertMicro 5 Series detectors.

The newly released GasAlertMax XT can also be an alternative solution to the GasAlertMax.



4CF Carbon Monoxide (CO) Sensor Safety Advisory Steps

Recently an industry-wide product recall notice was released by City Technology for their 4CF carbon monoxide sensors manufactured between May 1, 2007 and June 30, 2008. To find out which BW Technologies instruments are affected and how to check if your BW instruments or sensors require replacement, please go to www.gasmonitors.com. Locate the Safety Advisory:

- Click on Support
- Click on Product Safety Notices
- Click on Important Safety Advisory: July 11, 2008

An Automatic Serial Number Assessment Tool is available online to evaluate if the Product Safety advisory affects any of your BW Technologies products, based on the serial number(s) you enter. After you enter the necessary information, the assessment will identify the impacted serial numbers and give you a reference number. A confirmation e-mail is automatically sent to you and a warranty replacement request is initiated.

For more information, please contact your BW Regional Sales Manager or BW Customer Service Representative.

H₂S Facts

- Colorless, toxic and flammable gas
- Smells like rotten eggs at low concentrations
- Formed by the decomposition of organic materials
- Found in natural gas and oil, in mines, wells, fertilizers and sewers
- Given off as a by-product in the manufacture of rayon, synthetic rubber, dyes and the tanning of leather
- Heavier than air and can accumulate at the bottom of poorly ventilated spaces
- Once H₂S exposure occurs, it is rapidly distributed to various organs including the central nervous system, lungs, liver, muscle, as well as other organs

Concentration

100 ppm
200 – 300 ppm
500 – 700 ppm

Effects

Rapid loss of smell
Eye inflammation, respiratory tract irritation after 1 hour, loss of consciousness with time
Immediate respiratory arrest, loss of consciousness followed by death

Rig Rat III: Stand-Alone Gas Detection

The Rig Rat III is a rugged multi-point wireless gas detection system that monitors for toxic gases, combustibles and oxygen hazards. Self-powered and solar-capable, the Rig Rat III featured unequalled versatility with a range of field configurations. The Rig Rat III represents the benchmark in stand-alone gas detection with its real-time, two-way digital data transmission and remote sensing capabilities. Trenching and cabling costs are eliminated and maintenance-free sensors reduce costly maintenance requirements.

The Rig Rat III features:

- Completely modular system with plug-in ports for remote sensors and a full line of external alarms and options
- Real-time digital data transmission for each sensor
- Intrinsically safe, weatherproof, stainless steel enclosure
- Total system flexibility – add, change or reconfigure system as required
- Continuous two-way communication between controller and remotely located detectors
- Comprehensive alarms and displays, with built-in alarm light, loud audible alarm buzzer and status panel



GasAlertMicro 5 Series: Convergence Project

New PCBs have been developed for the GasAlertMicro 5 Series instruments, including:

- GasAlertMicro 5
- GasAlertMicro 5 PID
- GasAlertMicro 5 IR

GasAlertMicro 5 Series instruments will no longer have multiple PCBs. Formerly, PID sensors were self-tested on start-up. PID sensors will now be continually tested which will mitigate PID failure on start-up. The convergence instruments began shipping on August 7, 2008.

Batteries

The rechargeable and alkaline battery packs can be swapped freely between all convergence GasAlertMicro 5 Series instruments. Convergence GasAlertMicro 5 Series instruments are compatible with:

- Rechargeable battery packs (M5-BAT08)
- Alkaline battery packs (M5-BAT05)

Please note that M5-BAT07(-B) is only for use with old GasAlertMicro 5 and GasAlertMicro 5 PID instruments, and never for use with a GasAlertMicro 5 IR or convergence GasAlertMicro 5 Series instruments. Customers with older units must still order older-style

batteries. Non-convergence style battery packs will be in production for the next 12 months. After this time, the demand will be reassessed. Chargers and MicroDock II GasAlertMicro 5 Series modules are all backwards compatible.

Firmware

The latest firmware updates for older-style GasAlertMicro 5 Series instruments are 16C and 16D. The new firmware for convergence instruments is 28D. This firmware will only be compatible with the new boards.

Important Label Note

The current version of the M5-BAT08 is labelled as M5IR-BAT08. This is to meet a current certification requirement. We are in process of updating the certification file to standardize on the M5-BAT08 order number and labelling. **The important point is that there are NO performance, certification or compatibility issues with using the M5-BAT08 battery pack on ALL versions of the Converged GasAlertMicro 5 instruments with product revision number 3.** That revision number is evident in the serial numbering prefix, which will say for instance, SK308-123456 etc.

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