

# The BW Technologies Monitor

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

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Introducing...

## GasAlert Quattro

Launched in October 2009, the GasAlertQuattro is the newest member of BW Technologies by Honeywell's GasAlert family.

The GasAlertQuattro delivers economical and straightforward visual compliance. Among portable multi-gas detectors, only the GasAlertQuattro has IntelliFlash, a green LED that continuously flashes to let the safety managers know their crew is safe, the site is compliant and the job is productive. So you can spend less, worry less and do more.

### Design emphasis

The GasAlertQuattro was designed with

an emphasis on simplicity, durability and reliability using proven Honeywell processes and engineering. With the GasAlertQuattro, seeing is believing.

Perfect for rugged environments, the GasAlertQuattro features a durable exterior with reinforced bumpers and integral concussion proof boot to protect the detector. This rugged design keeps the GasAlertQuattro working in the most extreme weather, environments and work conditions. Relying on the GasAlertQuattro prevents costly downtime.

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### Notes from the Editor

2009 is coming to an exciting conclusion for BW Technologies by Honeywell, with the launch of the GasAlertQuattro on October 26th, 2009 at the National Safety Council Congress and Expo (NSC) in Orlando, Florida. Learn more about the GasAlertQuattro in this edition of The Monitor and at [www.gasalertquattro.com](http://www.gasalertquattro.com).

BW Technologies wishes you a safe and happy holiday season.

Sarah Ursulan

## Gas facts: Oxygen

- Animals and plants require oxygen for respiration.
- Oxygen gas is colorless, odorless, and tasteless.
- Liquid and solid oxygen are pale blue.
- Oxygen gas normally is the divalent molecule O<sub>2</sub>. Ozone, O<sub>3</sub>, is another form of pure oxygen.
- Oxygen supports combustion.
- Approximately 2/3 of the mass of the human body is oxygen.
- Atmospheric hazards include oxygen deficiency and enrichment
- Oxygen deficiency is associated with confined spaces, unventilated cellars, sewers, wells, mines, ship holds, tanks, enclosures containing inert atmospheres
- The GasAlertClip Extreme (2 year model), GasAlert Extreme, GasAlertMicroClip, GasAlertMicro, GasAlertMax XT, GasAlertMicro 5 Series and GasAlertQuattro monitor for O<sub>2</sub>.



such as methanol and ethanol (CO and H<sub>2</sub>S sensors) which means more reliable sensor responses.

### **Power options**

The GasAlertQuattro provides a choice between a rechargeable battery pack and an alkaline pack with three AA batteries. The interchangeable battery options mean you can do more and spend less. Swap battery packs faster than the time it takes workers to change shifts. Plus, with extended battery runtimes, even in cold weather shifts can last longer. Count on the GasAlertQuattro's interchangeable power options and long battery life to get you through every workday with no downtime.

### **Compliance and easy auditing**

For confident operation at a glance, the GasAlertQuattro is the only choice. For easy auditing, the GasAlertQuattro features IntelliFlash. 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. That means no manual checks, no time spent inspecting; a quick visual scan of the area provides assurance all is well in minutes, not hours. Safety managers can spend more time on the job, not auditing equipment.

The large LCD with intuitive icons and backlight further simplifies on-site auditing and compliance. Bump test and calibration icons are clearly identifiable, and extra large digits are easy to read in varying light conditions.

With one-button operation, the GasAlertQuattro is easy to use with gloves. Flexible user options are accessible via IR connectivity to provide tamper-proof field operation. Reduce your training costs and time with the GasAlertQuattro.

### **Contact**

Learn more about how the GasAlertQuattro can make your job safer and your life easier without breaking the bank. Seeing is believing.

*con't from pg 1*

Rigorously developed over two years with proven Honeywell engineering processes, the GasAlertQuattro is built to deliver a superior performance. All sensors on the open market were thoroughly evaluated. Alphasense and Surecell sensors were selected because they provide the best overall operation and reliability. Surecell sensors boast over 10 billion hours of field use and abuse.

The GasAlertQuattro's field-proven sensors offer enhanced resistance to common industrial cross sensitive gases





**Come and visit us  
at an upcoming  
tradeshow!**

January 19 - 21, 2010  
Underground Construction  
Technology 2010  
Tampa, FL, USA

January 25-27, 2010  
AHR Expo ASHRAE  
Orlando, Florida

March 24 - 26, 2010  
Asia Pacific Maritime 2010  
Singapore

April 8 - 10, 2010  
Asia Water 2010  
Kuala Lumpur, Malaysia

April 11 - 13, 2010  
Western Conference on Safety  
2010  
Richmond, BC, CAN

April 19 - 24, 2010  
Fire Department Instructor's  
Conference 2010  
Indianapolis, IN, USA

## Feature Accessory

### ***Carrying holster for the GasAlertQuattro***

Wearing a gas detector can be cumbersome, but safety doesn't have to come at the expense of comfort.

With the GasAlertQuattro carry holster, you can attach the instrument to your belt and close to your breathing zone. The 360° swivel clip ensures that mobility is never hampered.

The order number for the carrying holster is GA-HQT.



### **2010 Price Book**

BW Technologies by Honeywell is pleased to announce the upcoming release of the new 2010 gas detection price book. The price book represents the full BW gas detection product line, with very minimal changes from 2009. Honeywell Analytics products have been added as a separate section, making it even easier to find the Honeywell products you are looking for.

Excel and PDF format versions will be available in January 2010 with printed copies shipping in February. Please feel free to contact your Regional Sales Manager or a BW Customer Service Representative with any questions.



### ***What is IntelliFlash?***

The GasAlertQuattro features IntelliFlash - a green LED confidence flash providing continuous visual confirmation of detector operation and compliance. Visible from up to 20 ft. / 6.1 m, IntelliFlash is ideal for onsite auditing.

Call your local sales representative to learn more about IntelliFlash and the GasAlertQuattro today, or visit [www.gasalertquattro.com](http://www.gasalertquattro.com).

## Ask the Expert

The following question was posed by one of BW Technologies' service technicians:

I have a customer who has a GasAlertExtreme Cl2 monitor that was calibrated with an ACD CAL 2000 Cl2 generator which had a flow rate of 0.5 LPM.

He wanted to test the concentration of a gas cylinder that read 10 ppm Cl2. He used a regulator with flow rate of 0.5 LPM and the GAXT was reading ~ 6.5 ppm.

He was wondering if it had to do anything with N2 being the balance for the Cl2 gas cylinder.

William Ball, former Applications and Training Specialist, who is now a Regional Sales Manager in Eastern Canada, answered the question:

Nitrogen would not be the cause of the Cl2 reading being low. Here are some suspected causes for the Cl2 readings to be low:

- Cl2 needs to be applied to the gas detector using a short piece of tubing – I would suggest not longer than 10cm (4") – the Cl2 gas will lose concentration in the tubing before it reaches the sensor.
- Check the expiry date on the gas cylinder – do not use the gas for calibration, or calibration verification (accuracy check) if it is beyond the expiration date.
- Check the ACD CAL 2000 generator in calibration – these generators need to be recertified on an annual basis.



## Distributor Training

North and South American distributor training dates have been tentatively scheduled for 2010. Specific locations will be determined closer to the event dates. For more information, please contact your local BW Technologies sales representative. Don't miss this opportunity to learn how our portable gas detection solutions can make 2010 a sales year to remember.

- January 12- 14; Lincolnshire, IL
- February 9 - 11; Calgary, AB
- March 9 - 10; Las Vegas, NV
- April 13 - 15; Calgary, AB
- May 11 - 12; Morristown, NJ
- June 8 - 10; Lincolnshire, IL
- August 3 - 5; Brazil
- September 14 - 16; Calgary, AB
- October 12 - 13; Houston, TX
- November 16 - 18; Lincolnshire
- December 14 - 15; Atlanta, GA

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