

The BW Technologies Monitor



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

Vol. 1 :: Issue 1 :: January - March

NEW Products

The *Multi-Unit Cradle Charger* for the GasAlertMicroClip charges five units simultaneously. Charging status can be monitored on the detectors' LCD. Wall or table mountable, the multi-unit charger ships with a power adaptor. Using adaptors other than those supplied may cause damage to GasAlertMicroClip units in the charger.



Order Number	CAD	USD	EURO	GBP
MC-C01-MC5-NA MC-C01-MC5 (-xx) Note: Specify plug/region version (-xx): United Kingdom (-UK), European (-EU), China/Australia (-CN)	\$270	\$225	€225	£150

GasAlertMicro 5 and GasAlertMicro 5 PID Concussion-Proof Boot



The new concussion-proof boot for the GasAlertMicro 5 and GasAlertMicro 5 PID is ready to order. Available for both pumped and non-pumped detectors, the concussion-proof boot was developed in response to customer demand for additional protection for the GasAlertMicro 5. The boot ships with an alligator clip riveted on.

Order Number	Description	CAD	USD	EURO	GBP
GA-BM5-1	Concussion/shock-proof boot for GasAlertMicro 5 and GasAlertMicro 5 PID diffusion units	\$45.00	\$40.00	€40.00	£25.00
GA-BM5-2	Concussion/shock-proof boot for GasAlertMicro 5 and GasAlertMicro 5 PID pump units	\$45.00	\$40.00	€40.00	£25.00



Notes from the Editor

In an effort to enhance BW Technologies' connection with distribution partners, we have developed The BW Technologies Monitor – a quarterly newsletter that highlights new products, offers usage information, and examines new initiatives at BW and happenings within the industry.

BW Technologies focuses on providing solutions to customers who are exposed to daily risks posed by hazardous gases. Providing superior customer service to match our innovative products is our key objective and The BW Monitor is part of that customer service. Please click here to offer feedback or suggest stories and information you would like to see included.

Sarah Ursulan

INSIDE THIS ISSUE

New Product Offerings	
Multi-Unit Cradle Charger	1
Concussion-proof boot	1
GasAlertMicro Charger 3.....	2
Multi-Charger System.....	2
Technical Notes	
Adding MicroDock II Inlets.....	3
IR Handheld Printer	3
H ₂ S Low Methanol Sensors.....	3
Label Improvement.....	3
Feature Articles	
Saving Space, Reducing Waste ...	4
Regular Features	
Factoid.....	3

CO₂ Hazards

Did you know that carbon dioxide (CO₂) is the fourth most common gas in the earth's atmosphere? The average ambient concentration of CO₂ is approximately 350 ppm. Humans exhale an average of 450 litres of CO₂ per day. CO₂ is also listed as a toxic gas. The American Conference of Governmental Industrial Hygienists' (ACGIH) Guide to Occupational Exposure values the TWA for CO₂ as 5000 ppm. As the hazards of CO₂ become more widely recognized, the need for real-time detection will increase. The beer and wine making industry already routinely monitors for elevated levels of CO₂ in the workplace atmosphere. Some European Union countries have already recognized the need to monitor CO₂ in confined spaces.

Factoid

BW's audible alarms are typically around 95dB at 30cm (1ft.). The loudest sound ever historically measured and reported was the 1883 volcanic eruption of Krakatoa where sound levels reached levels of 180 dB at 160 km (100 miles) away.

NEW Products continued...

GasAlertMicro Charger 3

New Charger with Hidden Charging Compartment

The GasAlertMicro Charger 3 is now available to order. Issues experienced with the GasAlertMicro Charger II, such as pins breaking and batteries losing connectivity, have been resolved with the new charger. Wall-mountable, with replaceable Pogo pins, the GasAlertMicro Charger 3's main feature is an additional hidden charging compartment. The GasAlertMicro Charger 3 is sold separately from the detector.



Charges both the battery in the instrument and an additional battery pack (charger available with or without rechargeable battery pack)

Order Number	CAD	USD	EURO	GBP
GAMIC-C07-03 GasAlertMicro Charger 3 - Dual Cradle Charger (NA Version)				
GAMIC-C07-03-AU (AU version)	\$205	\$180	€160	£105
GAMIC-C07-03-EU (EU version)				
GAMIC-C07-03-UK (UK version)				
GAMIC-C07-03-K GasAlertMicro Charger 3 - Dual Cradle Charger with High Capacity Microbatt (NA Version)				
GAMIC-C07-03-K-AU (AU version)	\$280	\$240	€210	£135
GAMIC-C07-03-K-EU (EU version)				
GAMIC-C07-03-K-UK (UK version)				
GAMIC-BAT02-03 High Capacity Battery	\$75	\$65	€55	£35

Operational Details

The new GasAlertMicro Charger 3 charges both the battery in an instrument and an additional battery pack in a hidden charging compartment. The battery in the instrument takes charging priority. When both batteries



are inserted, the "Main" light will be solid red to

Hidden spare battery charging compartment



signify the battery in the instrument is being charged. The "Spare" light will flash red to indicate the single battery is in the queue for charging. Once a battery is finished charging, the corresponding light will light solid green. Wall or table-mountable, the GasAlertMicro Charger 3 also works in a vehicle. The order number for the vehicle charging adaptor is GA-V-CHRG4.

Multi-Charger System

Create a multi-charger system by ganging up to four chargers per GA-CHRG1-MC5 cable (see right). To assemble a multi-charger system, order each of the following:

- 1) GAMIC-C03-RC
- 2) GAMIC-C03-RT
- 3) GA-CHRG1-MC5

GA-CHRG1-MC5 Cable - Gang Charger Cable Assembly for GasAlertMicro Charger 3



Order Number	CAD	USD	EURO	GBP
GA-CHRG1-MC5 Cable - Gang Charger Cable Assembly for M5	\$55	\$40	€40	£30
GAMIC-C03-RT - Replacement GlobTek Transformer	\$45	\$30	€30	£20
GAMIC-C03-RC Replacement Cable (6'7") for the GA MicroBatt Cradle Charger (NA Version)				
GAMIC-C03-RC-EU (EU Version)	\$10	\$7	€7	£5
GAMIC-C03-RC-UK (UK Version)				
GAMIC-C03-RC-AU (AU Version)				



Technical Reflections

Adding Inlets to the Base Station Upgrading the MicroDock II Automatic Test and Calibration System

The MicroDock II can be upgraded from two inlets to three, four or five inlets in order to calibrate and bump test with more gases. To add additional inlets, the MicroDock II system must be shipped to your nearest BW Service Center.

Prices vary according to number of inlets. An additional gas connection tube will be included for each new inlet. Sold separately from the detector.



Add up to five inlets to the MicroDock II

Number of inlets	CAD	USD	EURO	UK
3	\$900	\$700	€675	£430
4	\$1110	\$850	€825	£530
5	\$1320	\$1000	€975	£630

Label Improvement

GasAlertClip Extreme 2, GasAlertClip Extreme 3 and GasAlert Extreme

The GasAlertClip Extreme 2, GasAlertClip Extreme 3 and GasAlert Extreme have new packaging labels clearly identifying the gas type. This helps customers eliminate confusion when handling two or more detectors with different gases.



H₂S Low Methanol Sensors Now Shipping

The H₂S low methanol sensor is now the standard sensor in all portable instruments that use an H₂S sensor. This does not apply to COSH sensors.

The new H₂S low methanol sensors feature a reduced cross sensitivity to methanol. Environments with background levels of alcohols or organic vapors will not affect hydrogen sulfide readings.



IR Handheld Printer GasAlertClip Extreme 2 and GasAlertClip Extreme 3

The IR Handheld Printer will now be powered by standard alkaline batteries (included with the unit). The supplier has discontinued shipping the AC adaptor cord with the IR Handheld Printer. The order number GPR-PRINTER2-220VAC will be discontinued and replaced with GPR-PRINTER2.



Industry Developments

New Brazilian Confined Space Regulation

The Brazilian government approved a new confined space regulation on December 27th, 2006. All companies have one year to comply with the new regulation.

*Saving Space, Reducing Waste
New and Updated Packaging Solutions*

BW Technologies by Honeywell believes in becoming more environmentally conscious, which has prompted a change in packaging. Plastics make up 7% of our garbage by weight, but up to 30% by volume. Estimates say it takes at least 400 years for a plastic bottle to break down. With an increase in plastic products, particularly plastics packaging which is disposed of immediately after purchase, the environmental cost is growing.

All single gas instruments (GasAlert Extreme, GasAlertClip Extreme 2, GasAlertClip Extreme 3 and GasAlert100) will no longer be shipped in plastic canisters. The GasAlertMicroClip is also changing, and will no longer be shipped in colored boxes; these products will now be shipped in brown boxes. Milling paper from recycled paper uses 20% less energy than it does to make

the non recycled variety. Space is saved by shipping products in boxes rather than round plastic canisters, and stacking is also made easier. Your storage space will be more efficiently managed. Eventually, most BW products will be shipped with the brown box packaging.

Offering the GasAlertClipExtreme 2, GasAlertClipExtreme 3 and the GasAlertMicroClip in bulk packaging is also a move towards becoming more environmentally friendly. When purchasing instruments in bulk, less packaging is used. The bulk packaging is all recyclable or reusable white cardboard.

BW Technologies encourages you to recycle all of our packaging whenever possible. As a company focused on customer service, we want to provide the safest gas detection solutions while maintaining our environment.



Subscribe Now

To subscribe to The BW Technologies Monitor, please [click here](#). You will receive each quarterly edition of BW Technologies by Honeywell's newsletter designed to keep customers informed and involved in our operations.