



# GasAlertMicro5 Series

multi-gas detectors



## Protect yourself

Simultaneously monitor and display up to five atmospheric hazards with the GasAlertMicro 5 Series. Adaptable to a variety of applications, the GasAlertMicro 5 Series has an extensive selection of user-settable field options and is available as either a standard toxic gas model, a PID model for the detection VOCs, or an IR model for CO<sub>2</sub> detection. Use the passcode function to prevent unauthorized modifications of the instrument's settings. Compatible with BW's MicroDock II automatic test and calibration system, the GasAlertMicro 5 Series is unparalleled in its versatility, performance and overall value.



**NEW**

Generation 2 pump  
with visible integrated filter

VOCs

CO<sub>2</sub>

LEL

H<sub>2</sub>S

CO

O<sub>2</sub>

SO<sub>2</sub>

PH<sub>3</sub>

NH<sub>3</sub>

NO<sub>2</sub>

HCN

Cl<sub>2</sub>

ClO<sub>2</sub>

O<sub>3</sub>

**WATER  
RESISTANT**

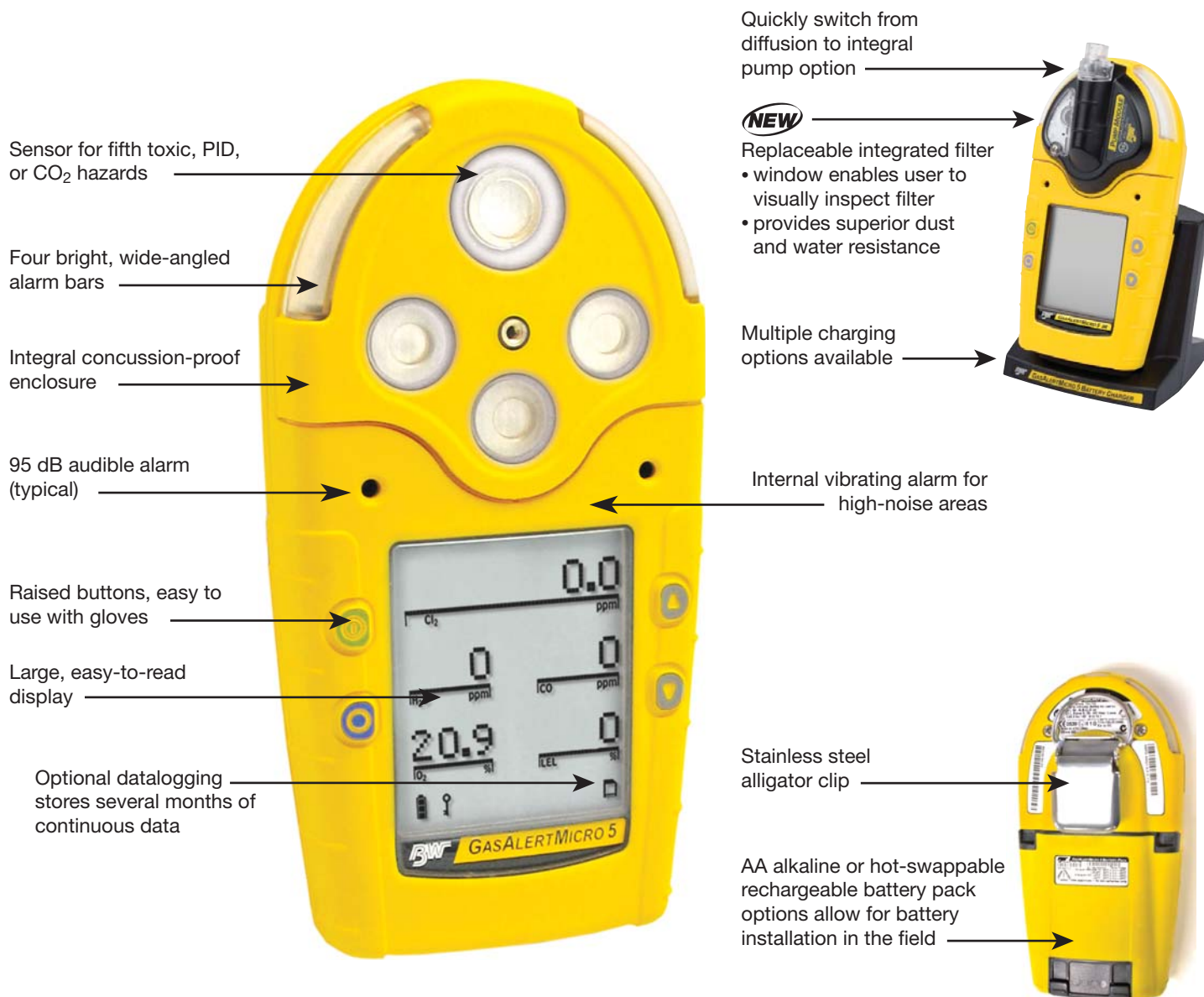


**BW**  
Technologies  
by Honeywell

**Wear yellow. Work safe.**

Shop for Gas products online at: **www.CanarySense.ca**

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## Instrument model differences

|                                         | GasAlertMicro 5                                                                                                                                                                                | GasAlertMicro 5 PID                                                                                                                                                                                        | GasAlertMicro 5 IR                                                                                                                     |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gases Detected</b>                   | H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , PH <sub>3</sub> , NH <sub>3</sub> , NO <sub>2</sub> , HCN, Cl <sub>2</sub> , ClO <sub>2</sub> , O <sub>3</sub> and combustibles (LEL) | VOCs (PID), H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , PH <sub>3</sub> , NH <sub>3</sub> , NO <sub>2</sub> , HCN, Cl <sub>2</sub> , ClO <sub>2</sub> , O <sub>3</sub> and combustibles (LEL) | CO <sub>2</sub> (IR), H <sub>2</sub> S, CO, O <sub>2</sub> , SO <sub>2</sub> , NH <sub>3</sub> , O <sub>3</sub> and combustibles (LEL) |
| <b>Sensors</b>                          | Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL)                                                                                                                              | Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL); Photoionization detector (PID) with 10.6 eV lamp for volatile organic compounds (VOCs)                                                  | Plug-in, electrochemical cell (toxic and oxygen); catalytic (LEL); infrared (IR) for carbon dioxide (CO <sub>2</sub> )                 |
| <b>Typical battery life<sup>1</sup></b> |                                                                                                                                                                                                |                                                                                                                                                                                                            |                                                                                                                                        |
| AA Alkaline                             | 20 hours                                                                                                                                                                                       | 15 hours                                                                                                                                                                                                   | 15 hours                                                                                                                               |
| Rechargeable                            | 20 hours                                                                                                                                                                                       | 15 hours                                                                                                                                                                                                   | 15 hours                                                                                                                               |

<sup>1</sup>Based on the run time of a 5-gas instrument in diffusion mode at +68°F/+20°C, other instrument configurations or environmental conditions may increase/decrease the battery life of your instrument.

### Sensors

The GasAlertMicro 5 is available in three models: toxic/electrochemical, PID (for VOCs) or IR (for CO<sub>2</sub>). For more information about available sensor configurations, please contact BW Technologies by Honeywell.



Electrochemical and catalytic bead sensors available for:

|                  |                 |                    |
|------------------|-----------------|--------------------|
| H <sub>2</sub> S | CO              | O <sub>2</sub>     |
| SO <sub>2</sub>  | Cl <sub>2</sub> | ClO <sub>2</sub>   |
| NH <sub>3</sub>  | PH <sub>3</sub> | HCN                |
| NO <sub>2</sub>  | O <sub>3</sub>  | Combustibles (LEL) |



Photoionization sensor available for volatile organic compounds (VOCs) detection.



Infrared (IR) gold series sensors available for carbon dioxide (CO<sub>2</sub>) detection.

Note: Due to board and sensor configuration GasAlertMicro 5 models are not interchangeable (i.e. a PID sensor cannot be used in a IR configured unit).



Both the diffusion and pumped configurations are compatible with the MicroDock II automated bump test and calibration system

### GasAlertMicro 5

| Industry or Application        | Sources of Additional Hazards                                                        |
|--------------------------------|--------------------------------------------------------------------------------------|
| <b>Confined Space Entry</b>    | Various sources - industrial chemicals                                               |
| <b>Wastewater Plants</b>       | Cl <sub>2</sub> , NH <sub>3</sub> , ClO <sub>2</sub> from treatment                  |
| <b>Steel / Iron Production</b> | NO <sub>2</sub>                                                                      |
| <b>Pulp and Paper</b>          | Cl <sub>2</sub> from bleaching                                                       |
| <b>Food and Beverage</b>       | NH <sub>3</sub> from refrigerants, ice production<br>PH <sub>3</sub> from fumigation |
| <b>Construction</b>            | Confined space entry, trenching, and NO <sub>2</sub> from diesel exhaust             |

### GasAlertMicro 5 PID

| Industry or Application                      | Sources of VOC Hazards                                                                           |
|----------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Confined Space Entry</b>                  | Respiration and aerobic bacterial decomposition                                                  |
| <b>Hazmat / Homeland Security</b>            | Detect flammables not detected by LEL sensor (diesel, gasoline vapor, turpentine, etc)           |
| <b>Industrial Hygiene and Confined Space</b> | Wide number of potential hazards (benzene, diesel, ethanol, toluene, etc.) dependant on industry |
| <b>Airlines (wing-tank entry)</b>            | Jet fuel not detectable by LEL sensor, PID required                                              |
| <b>Landfills</b>                             | Decomposing organic matter, emission of chemical compounds                                       |
| <b>Oil and Gas</b>                           | By-products of refining processes                                                                |
| <b>Chemical Plants</b>                       | Number of potential hazards dependant on product and process of manufacturing                    |

### GasAlertMicro 5 IR

| Industry or Application                               | Sources of CO <sub>2</sub> Hazards                                                                                                                       |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Confined Space Entry</b>                           | Respiration and aerobic bacterial decomposition                                                                                                          |
| <b>Wineries and Breweries</b>                         | By-product of yeast fermentation                                                                                                                         |
| <b>Agriculture</b>                                    | Greenhouses, mushroom farms use CO <sub>2</sub> to enhance growth; also used to speed ripening of fruits and vegetables, aerobic bacteria in manure pits |
| <b>Marine Fuel Transport / Shipping and Shipyards</b> | Used for fire suppression and inerting cargo holds                                                                                                       |
| <b>Oil Well Fracturing</b>                            | Injected into mature wells for further oil extraction                                                                                                    |
| <b>Wastewater Treatment</b>                           | Aerobic bacteria                                                                                                                                         |
| <b>Food Industry / Cold Storage</b>                   | Solid CO <sub>2</sub> (dry ice) used as a refrigerant and for carbonation; CO <sub>2</sub> used in packaging to extend storage shelf life                |
| <b>Industrial and Chemical Manufacturing</b>          | CO <sub>2</sub> used in various processes                                                                                                                |
| <b>Landfills</b>                                      | Biodegradation (aerobic decomposition) of waste                                                                                                          |

### Standard features of BW products:

- Continuous LCD shows real-time gas concentrations
- Water-resistant
- Automatic calibration procedure; compatible with BW MicroDock II automatic test and calibration station
- Full function self-test of sensor, battery status, circuit integrity and audible/visual alarms on start up
- Bright wide-angled visual alarm bars
- Built-in concussion-proof boot

### GasAlertMicro 5 Specifications

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|----------------|--------------------------------------------------------------------------------------------|---------------|------------------|-----------------|------------------------------------------------------------------------------------------------------------|-------------------|-----------------|--------------|-------------------------------------|--------------|---------------------------------|---------------------|-------------------------|---------------------|-----------------|--------------------------------------|-------------------------|-----------|-----------------|
| Size                                                                                | 5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Weight                                                                              | 13.1 oz. / 370 g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Temperature                                                                         | -4 to +122°F / -20 to +50°C<br>14 to +104°F / -10 to +40°C (PID)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Alarms                                                                              | - Visual, vibrating, audible (95 dB)<br>- Low, High, STEL, TWA, OL (over limit)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Tests                                                                               | Sensor integrity, circuitry, battery and audible/visual alarms on activation, battery (continuous)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Pump                                                                                | Optional; Sample from up to 66 ft. / 20 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| User options                                                                        | <table><tr><td>Confidence beep</td><td>Combustible gas measurement (% LEL or % by volume methane)</td></tr><tr><td>Set STEL interval</td><td></td></tr><tr><td>Set TWA method</td><td>O<sub>2</sub> auto calibration on start up</td></tr><tr><td>Sensor on/off</td><td></td></tr><tr><td>Latching alarms</td><td>Automatic backlight</td></tr><tr><td>Safe display mode</td><td>Sleep mode</td></tr><tr><td>Stealth mode</td><td>User-settable calibration gas level</td></tr><tr><td>Adjust Clock</td><td></td></tr><tr><td>Set datalogger rate</td><td>Calibration due lockout</td></tr><tr><td>Passcode protection</td><td>Daily bump test</td></tr><tr><td>Correction factor library (LEL, PID)</td><td>Language choices (five)</td></tr><tr><td>Fast pump</td><td>High resolution</td></tr></table>                                                                                                                                                             |  | Confidence beep                                                                     | Combustible gas measurement (% LEL or % by volume methane) | Set STEL interval                                                                   |                                                  | Set TWA method | O <sub>2</sub> auto calibration on start up                                                | Sensor on/off |                  | Latching alarms | Automatic backlight                                                                                        | Safe display mode | Sleep mode      | Stealth mode | User-settable calibration gas level | Adjust Clock |                                 | Set datalogger rate | Calibration due lockout | Passcode protection | Daily bump test | Correction factor library (LEL, PID) | Language choices (five) | Fast pump | High resolution |
| Confidence beep                                                                     | Combustible gas measurement (% LEL or % by volume methane)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Set STEL interval                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Set TWA method                                                                      | O <sub>2</sub> auto calibration on start up                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Sensor on/off                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Latching alarms                                                                     | Automatic backlight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Safe display mode                                                                   | Sleep mode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Stealth mode                                                                        | User-settable calibration gas level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Adjust Clock                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Set datalogger rate                                                                 | Calibration due lockout                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Passcode protection                                                                 | Daily bump test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Correction factor library (LEL, PID)                                                | Language choices (five)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Fast pump                                                                           | High resolution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Ratings                                                                             | EMI/RFI: Complies with EMC Directive 89/336/EEC<br>IP 65/66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Certifications and approvals                                                        | <table><tr><td></td><td>Class I, Div. 1, Gr. A, B, C, D</td></tr><tr><td></td><td>American Bureau of Shipping - Toxic &amp; PID models</td></tr><tr><td>ATEX:</td><td> II 1 G</td></tr><tr><td></td><td>Ga Ex ia IIC T4*</td></tr><tr><td></td><td> II 2 G - IR model only</td></tr><tr><td></td><td>Ex d ia IIC T4*</td></tr><tr><td>IECEx:</td><td>Ga Ex ia IIC T4*</td></tr><tr><td></td><td>Ex d ia IIC T4* - IR model only</td></tr></table> <p><i>*Temperature codes may vary as a function of the batteries installed. Please see owner's manual for a complete listing of compatible batteries and codes.</i></p> |  |  | Class I, Div. 1, Gr. A, B, C, D                            |  | American Bureau of Shipping - Toxic & PID models | ATEX:          |  II 1 G |               | Ga Ex ia IIC T4* |                 |  II 2 G - IR model only |                   | Ex d ia IIC T4* | IECEx:       | Ga Ex ia IIC T4*                    |              | Ex d ia IIC T4* - IR model only |                     |                         |                     |                 |                                      |                         |           |                 |
|  | Class I, Div. 1, Gr. A, B, C, D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
|  | American Bureau of Shipping - Toxic & PID models                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| ATEX:                                                                               |  II 1 G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
|                                                                                     | Ga Ex ia IIC T4*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
|                                                                                     |  II 2 G - IR model only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
|                                                                                     | Ex d ia IIC T4*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| IECEx:                                                                              | Ga Ex ia IIC T4*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
|                                                                                     | Ex d ia IIC T4* - IR model only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |
| Warranty                                                                            | Full two year warranty including sensors<br>(1 year NH <sub>3</sub> , Cl <sub>2</sub> , O <sub>3</sub> , ClO <sub>2</sub> and PID lamp)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                                                                                     |                                                            |                                                                                     |                                                  |                |                                                                                            |               |                  |                 |                                                                                                            |                   |                 |              |                                     |              |                                 |                     |                         |                     |                 |                                      |                         |           |                 |

### Additional GasAlertMicro 5 Features:

- Integral motorized pump option for remote sampling
- Equipped with internal vibrating alarm for high noise areas
- Two power options: AA alkaline or rechargeable hot-swappable battery packs
- Multi-language support in English, French, German, Spanish and Portuguese

### Options and Accessories



Integral pump and battery charger



Confined space kit



Belt holster



Collapsible sampling probe

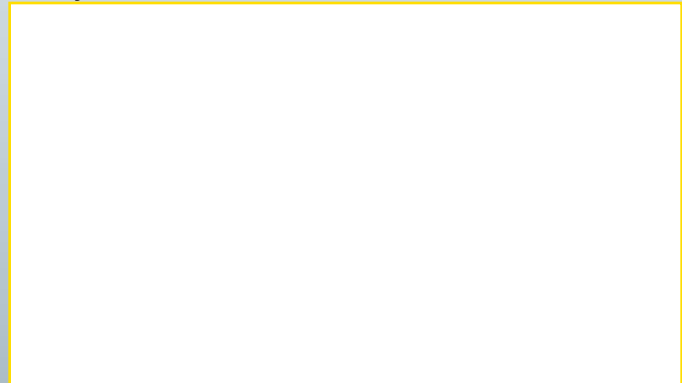
For a complete list of accessories, please contact BW Technologies.

### Sensor Specifications

| Gas                             | Measuring Range (ppm)    | Default Resolution (ppm) | High Resolution (ppm) |
|---------------------------------|--------------------------|--------------------------|-----------------------|
| <b>H<sub>2</sub>S</b>           | 0-500                    | 1.0                      | 0.1                   |
| <b>CO</b>                       | 0-999                    | 1.0                      | N/A                   |
| <b>TwinTox (H<sub>2</sub>S)</b> | 0-500                    | 1.0                      | 0.1                   |
| <b>TwinTox (CO)</b>             | 0-500                    | 1.0                      | N/A                   |
| <b>O<sub>2</sub></b>            | 0-30.0%                  | 0.1%                     | N/A                   |
| <b>SO<sub>2</sub></b>           | 0-150                    | 1.0                      | 0.1                   |
| <b>PH<sub>3</sub></b>           | 0-5.0                    | 1.0                      | 0.1                   |
| <b>NH<sub>3</sub></b>           | 0-100                    | 1.0                      | 0.1                   |
| <b>NO<sub>2</sub></b>           | 0-99.9                   | 1.0                      | 0.1                   |
| <b>HCN</b>                      | 0-30.0                   | 1.0                      | 0.1                   |
| <b>Cl<sub>2</sub></b>           | 0-50.0                   | 1.0                      | 0.1                   |
| <b>ClO<sub>2</sub></b>          | 0-1.0                    | 0.1                      | 0.01                  |
| <b>O<sub>3</sub></b>            | 0-1.0                    | 0.1                      | 0.01                  |
| <b>PID (VOCs)</b>               | 0-1000                   | 1                        | N/A                   |
| <b>IR (CO<sub>2</sub>)</b>      | 0-50,000<br>0-5.0% v/v   | 50<br>0.01%              | N/A<br>N/A            |
| <b>Combustible gases</b>        | 0-100% LEL<br>0-5.0% v/v | 1%<br>0.1%               | N/A                   |

Alarm set points for all sensors are user adjustable. Set point(s) are automatically displayed during instrument start up.

### Locally available from





# GasAlertMicro5 Series

## Multi-Gas (1-5) Detectors

VOCs, CO<sub>2</sub>, LEL, H<sub>2</sub>S, CO, O<sub>2</sub>, SO<sub>2</sub>, PH<sub>3</sub>, NH<sub>3</sub>, NO<sub>2</sub>, HCN, Cl<sub>2</sub>, ClO<sub>2</sub>, O<sub>3</sub>



|                                                                 |    |
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### Protect yourself

Compact and lightweight, GasAlertMicro 5 Series instruments are available in diffusion or pumped instruments. The portable gas detectors simultaneously monitors and displays 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 CO<sub>2</sub> levels. Adaptable to a variety of applications, GasAlertMicro 5 Series instruments have an extensive selection of user-settable field options. Use the passcode function to prevent unauthorized modifications of the instrument's settings. Compatible with BW's MicroDock II automatic test and calibration system, GasAlertMicro 5 Series instruments are unparalleled in their versatility, performance and overall value.

### Standard Package Contents

- Detector complete with specified sensor(s), stainless steel alligator clip and concussion-proof housing
- Rechargeable battery pack or alkaline pack with three AA batteries
- Cradle charger and wall outlet charging adaptor (with rechargeable battery option)
- Sample probe (with motorized pump option)
- Screwdriver
- Calibration/test adaptor and hose
- Manual
- Multi-language CD manual

### General Specifications

|                              |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Size</b>                  | 5.7 x 2.9 x 1.5 in. / 14.5 x 7.4 x 3.8 cm                                                           |
| <b>Weight</b>                | 13.1 oz. / 370 g                                                                                    |
| <b>Operating temperature</b> | -4 to +122°F / -20 to +50°C<br>14 to +104°F / -10 to +40°C (PID)                                    |
| <b>Typical battery life</b>  | 20 hours (15 hours PID/IR)*<br><i>*Based on a 5-gas instrument in diffusion mode at 68°F / 20°C</i> |

### Certifications and approvals



Class I, Div. 1, Gr. A, B, C, D



American Bureau of Shipping  
(Toxic and PID models)

#### ATEX:

CE II 1 G

Ga Ex ia IIC T4\*

CE II 2 G (IR model only)

Ex d ia IIC T4\*

#### IECEx:

Ga Ex ia IIC T4\*

Ex d ia IIC T4\* (IR model only)

*\*Temperature codes may vary as a function of the batteries installed. Please see owner's manual for a complete listing of compatible batteries and codes.*

### Warranty

Full two year warranty including sensors  
(one year Cl<sub>2</sub>, NH<sub>3</sub>, O<sub>3</sub>, ClO<sub>2</sub> and PID sensor)

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# GasAlertMicro 5 Series (continued)

## GasAlertMicro 5 Detector

|                                                                                                              | Order Number         |
|--------------------------------------------------------------------------------------------------------------|----------------------|
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, SO <sub>2</sub> - rechargeable battery, yellow housing          | M5-XWSY-R-D-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, SO <sub>2</sub> - rechargeable battery and pump, yellow housing | M5-XWSY-R-P-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, NH <sub>3</sub> - rechargeable battery, yellow housing          | M5-XWAY-R-D-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, NH <sub>3</sub> - rechargeable battery and pump, yellow housing | M5-XWAY-R-P-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, Cl <sub>2</sub> - rechargeable battery, yellow housing          | M5-XWCY-R-D-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, Cl <sub>2</sub> - rechargeable battery and pump, yellow housing | M5-XWCY-R-P-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - alkaline batteries and pump, yellow housing                    | M5-XW0Y-A-P-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery, yellow housing                           | M5-XW0Y-R-D-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery and pump, yellow housing                  | M5-XW0Y-R-P-D-Y-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, SO <sub>2</sub> - rechargeable battery, black housing           | M5-XWSY-R-D-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, SO <sub>2</sub> - rechargeable battery and pump, black housing  | M5-XWSY-R-P-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, NH <sub>3</sub> - rechargeable battery, black housing           | M5-XWAY-R-D-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, NH <sub>3</sub> - rechargeable battery and pump, black housing  | M5-XWAY-R-P-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, Cl <sub>2</sub> - rechargeable battery, black housing           | M5-XWCY-R-D-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO, Cl <sub>2</sub> - rechargeable battery and pump, black housing  | M5-XWCY-R-P-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - alkaline batteries and pump, black housing                     | M5-XW0Y-A-P-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery, black housing                            | M5-XW0Y-R-D-D-B-N-00 |
| %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery and pump, black housing                   | M5-XW0Y-R-P-D-B-N-00 |

## GasAlertMicro 5 Region Codes

For orders outside North America, change order number component “-N” to:

|      |                   |      |                                 |
|------|-------------------|------|---------------------------------|
| “-E” | Europe            | “-B” | Brazil                          |
| “-U” | United Kingdom    | “-X” | Other region with 3-pin UK plug |
| “-A” | Australia         | “-Y” | Other region with 2-pin UK plug |
| “-C” | China/New Zealand |      |                                 |

*Note: Listed above are commonly ordered instrument configurations. To create a custom GasAlertMicro 5 detector, use the configurator table on the next page or contact BW Technologies for a copy of the electronic order number configurator.*

## Gas Legend

|                  |                      |                  |                      |
|------------------|----------------------|------------------|----------------------|
| %LEL             | Combustible (W)      | ClO <sub>2</sub> | Chlorine dioxide (V) |
| O <sub>2</sub>   | Oxygen (X)           | NH <sub>3</sub>  | Ammonia (A)          |
| H <sub>2</sub> S | Hydrogen sulfide (H) | PH <sub>3</sub>  | Phosphine (P)        |
| CO               | Carbon monoxide (M)  | HCN              | Hydrogen cyanide (Z) |
| SO <sub>2</sub>  | Sulfur dioxide (S)   | NO <sub>2</sub>  | Nitrogen dioxide (D) |
| Cl <sub>2</sub>  | Chlorine (C)         | O <sub>3</sub>   | Ozone (G)            |



**GasAlertMicro 5**  
Diffusion version



**GasAlertMicro 5**  
Pump version

# GasAlertMicro 5 Series (continued)

## GasAlertMicro 5 Order Number Configurator

|                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>► Sensor - Toxic 2</b><br>None (dummy sensor) 0<br>CO and H <sub>2</sub> S (Duo-Tox dual channel) Y<br>H <sub>2</sub> S (hydrogen sulfide) H<br>CO (carbon monoxide) M<br>Cl <sub>2</sub> (chlorine) C<br>ClO <sub>2</sub> (chlorine dioxide) V<br>PH <sub>3</sub> (phosphine) P<br>HCN (hydrogen cyanide) Z<br>NO <sub>2</sub> (nitrogen dioxide) D<br>O <sub>3</sub> (ozone) G                                                |  | <b>► Battery</b><br>A Alkaline<br>R Rechargeable battery pack and cradle charger                                                                                                               |  |
| <b>► Sensor - Toxic 1</b><br>None (dummy sensor) 0<br>H <sub>2</sub> S (hydrogen sulfide) H<br>CO (carbon monoxide) M<br>SO <sub>2</sub> (sulfur dioxide)* S*<br>Cl <sub>2</sub> (chlorine) C<br>ClO <sub>2</sub> (chlorine dioxide) V<br>NH <sub>3</sub> (ammonia)* A*<br>PH <sub>3</sub> (phosphine) P<br>HCN (hydrogen cyanide) <sup>†</sup> Z <sup>†</sup><br>NO <sub>2</sub> (nitrogen dioxide) D<br>O <sub>3</sub> (ozone) G |  | <b>► Sampling</b><br>D Diffusion<br>P Motorized sampling pump                                                                                                                                  |  |
| <b>► Sensor - Combustible Gases</b><br>None (dummy sensor) 0<br>%LEL (combustibles) W                                                                                                                                                                                                                                                                                                                                              |  | <b>► Datalogging</b><br>D Datalogging monitor (with Fleet Manager II software)                                                                                                                 |  |
| <b>► Sensor - Oxygen</b><br>None 0<br>O <sub>2</sub> (oxygen) X                                                                                                                                                                                                                                                                                                                                                                    |  | <b>► Housing</b><br>Y Yellow housing<br>B Black housing                                                                                                                                        |  |
| <b>► Base Unit</b><br>Base unit M5                                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>► Region</b><br>N North America<br>E Europe<br>C China/New Zealand<br>U United Kingdom<br>A Australia<br>B Brazil<br>X Other region with 3-pin UK plug<br>Y Other region with 2-pin EU plug |  |

Order number: M5       D   00

For example, the order number for a GasAlertMicro 5 configured for O<sub>2</sub>, %LEL, Cl<sub>2</sub>, H<sub>2</sub>S and CO and equipped with a rechargeable battery pack and cradle charger, motorized sampling pump, yellow housing and North American power connectivity would be M5-XWCY-R-P-D-Y-N-00.

\*Note: Some gases (e.g. SO<sub>2</sub> and NH<sub>3</sub>) cannot be combined in the same GasAlertMicro 5 configuration. Please check with Customer Service for specific availability.

<sup>†</sup>Note: HCN can only be ordered in the Toxic 1 location when the Duo-Tox (CO/H<sub>2</sub>S) sensor is ordered in the Toxic 2 location. In all other configurations, HCN must be ordered in the Toxic 2 location.

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# GasAlertMicro 5 Series (continued)

## GasAlertMicro 5 PID Detector

|                                                                                                   | Order Number            |
|---------------------------------------------------------------------------------------------------|-------------------------|
| VOCs, %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - alkaline batteries and pump, yellow housing   | M5PID-XWQY-A-P-D-Y-N-00 |
| VOCs, %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery and pump, yellow housing | M5PID-XWQY-R-P-D-Y-N-00 |
| VOCs, %LEL, O <sub>2</sub> - alkaline batteries and pump, yellow housing                          | M5PID-XWQ0-A-P-D-Y-N-00 |
| VOCs, %LEL, O <sub>2</sub> - rechargeable battery and pump, yellow housing                        | M5PID-XWQ0-R-P-D-Y-N-00 |
| VOCs - alkaline batteries and pump, yellow housing                                                | M5PID-00Q0-A-P-D-Y-N-00 |
| VOCs - rechargeable battery and pump, yellow housing                                              | M5PID-00Q0-R-P-D-Y-N-00 |
| VOCs, %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - alkaline batteries and pump, black housing    | M5PID-XWQY-A-P-D-B-N-00 |
| VOCs, %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery and pump, black housing  | M5PID-XWQY-R-P-D-B-N-00 |
| VOCs, %LEL, O <sub>2</sub> - alkaline batteries and pump, black housing                           | M5PID-XWQ0-A-P-D-B-N-00 |
| VOCs, %LEL, O <sub>2</sub> - rechargeable battery and pump, black housing                         | M5PID-XWQ0-R-P-D-B-N-00 |
| VOCs - alkaline batteries and pump, black housing                                                 | M5PID-00Q0-A-P-D-B-N-00 |
| VOCs - rechargeable battery and pump, black housing                                               | M5PID-00Q0-R-P-D-B-N-00 |

## GasAlertMicro 5 PID Region Codes

For orders outside North America, change order number component “-N” to:

|      |                   |      |                                 |
|------|-------------------|------|---------------------------------|
| “-E” | Europe            | “-B” | Brazil                          |
| “-U” | United Kingdom    | “-X” | Other region with 3-pin UK plug |
| “-A” | Australia         | “-Y” | Other region with 2-pin UK plug |
| “-C” | China/New Zealand |      |                                 |

*Note: Listed above are commonly ordered instrument configurations. To create a custom GasAlertMicro 5 PID detector, use the configurator table on the next page or contact BW Technologies for a copy of the electronic order number configurator.*

## Gas Legend

|                  |                                |                  |                      |
|------------------|--------------------------------|------------------|----------------------|
| %LEL             | Combustible (W)                | ClO <sub>2</sub> | Chlorine dioxide (V) |
| O <sub>2</sub>   | Oxygen (X)                     | NH <sub>3</sub>  | Ammonia (A)          |
| H <sub>2</sub> S | Hydrogen sulfide (H)           | PH <sub>3</sub>  | Phosphine (P)        |
| CO               | Carbon monoxide (M)            | HCN              | Hydrogen cyanide (Z) |
| SO <sub>2</sub>  | Sulfur dioxide (S)             | NO <sub>2</sub>  | Nitrogen dioxide (D) |
| Cl <sub>2</sub>  | Chlorine (C)                   | O <sub>3</sub>   | Ozone (G)            |
| VOCs             | Volatile organic compounds (Q) |                  |                      |



**GasAlertMicro 5 PID**  
Diffusion version



**GasAlertMicro 5 PID**  
Pump version



# GasAlertMicro 5 Series (continued)

## GasAlertMicro 5 IR Detector

|                                                                                                                   | Order Number           |
|-------------------------------------------------------------------------------------------------------------------|------------------------|
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery, yellow housing          | M5IR-XWBY-R-D-D-Y-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery and pump, yellow housing | M5IR-XWBY-R-P-D-Y-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S - rechargeable battery, yellow housing              | M5IR-XWBH-R-D-D-Y-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S - rechargeable battery and pump, yellow housing     | M5IR-XWBH-R-P-D-Y-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> - rechargeable battery, yellow housing                                 | M5IR-XWB0-R-D-D-Y-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> - rechargeable battery and pump, yellow housing                        | M5IR-XWB0-R-P-D-Y-N-00 |
| CO <sub>2</sub> (IR) - rechargeable battery, yellow housing                                                       | M5IR-00B0-R-D-D-Y-N-00 |
| CO <sub>2</sub> (IR) - rechargeable battery and pump, yellow housing                                              | M5IR-00B0-R-P-D-Y-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery, black housing           | M5IR-XWBY-R-D-D-B-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S, CO - rechargeable battery and pump, black housing  | M5IR-XWBY-R-P-D-B-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S - rechargeable battery, black housing               | M5IR-XWBH-R-D-D-B-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> , H <sub>2</sub> S - rechargeable battery and pump, black housing      | M5IR-XWBH-R-P-D-B-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> - rechargeable battery, black housing                                  | M5IR-XWB0-R-D-D-B-N-00 |
| CO <sub>2</sub> (IR), %LEL, O <sub>2</sub> - rechargeable battery and pump, black housing                         | M5IR-XWB0-R-P-D-B-N-00 |
| CO <sub>2</sub> (IR) - rechargeable battery, black housing                                                        | M5IR-00B0-R-D-D-B-N-00 |
| CO <sub>2</sub> (IR) - rechargeable battery and pump, black housing                                               | M5IR-00B0-R-P-D-B-N-00 |

## GasAlertMicro 5 IR Region Codes

For orders outside North America, change order number component “-N” to:

|      |                   |      |                                 |
|------|-------------------|------|---------------------------------|
| “-E” | Europe            | “-B” | Brazil                          |
| “-U” | United Kingdom    | “-X” | Other region with 3-pin UK plug |
| “-A” | Australia         | “-Y” | Other region with 2-pin UK plug |
| “-C” | China/New Zealand |      |                                 |

*Note: Listed above are commonly ordered instrument configurations. To create a custom GasAlertMicro 5 IR detector, use the configurator table on the next page or contact BW Technologies for a copy of the electronic order number configurator.*

## Gas Legend

|                  |                      |                 |                     |
|------------------|----------------------|-----------------|---------------------|
| CO <sub>2</sub>  | Carbon dioxide (B)   | CO              | Carbon monoxide (M) |
| %LEL             | Combustible (W)      | SO <sub>2</sub> | Sulfur dioxide (S)  |
| O <sub>2</sub>   | Oxygen (X)           | NH <sub>3</sub> | Ammonia (A)         |
| H <sub>2</sub> S | Hydrogen sulfide (H) | O <sub>3</sub>  | Ozone (G)           |



**GasAlertMicro 5 IR**  
Diffusion version

**GasAlertMicro 5 IR**  
Pump version

# GasAlertMicro 5 Series (continued)

## GasAlertMicro 5 IR Order Number Configurator

|                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>► Sensor - Toxic 2</b><br>None (dummy sensor) 0<br>CO and H <sub>2</sub> S (Duo-Tox dual channel) Y<br>H <sub>2</sub> S (hydrogen sulfide) H<br>CO (carbon monoxide) M<br>SO <sub>2</sub> (sulfur dioxide) S<br>NH <sub>3</sub> (ammonia) A<br>O <sub>3</sub> (ozone) G |  | <b>► Battery</b><br>A Alkaline<br>R Rechargeable battery pack and cradle charger                                                                                                               |  |
| <b>► Sensor - Toxic 1</b><br>None (dummy sensor) 0<br>IR (infrared) for CO <sub>2</sub> (carbon dioxide) B                                                                                                                                                                 |  | <b>► Sampling</b><br>D Diffusion<br>P Motorized sampling pump                                                                                                                                  |  |
| <b>► Sensor - Combustible Gases</b><br>None (dummy sensor) 0<br>%LEL (combustibles) W                                                                                                                                                                                      |  | <b>► Datalogging</b><br>D Datalogging monitor (with Fleet Manager II software)                                                                                                                 |  |
| <b>► Sensor - Oxygen</b><br>None 0<br>O <sub>2</sub> (oxygen) X                                                                                                                                                                                                            |  | <b>► Housing</b><br>Y Yellow housing<br>B Black housing                                                                                                                                        |  |
| <b>► Base Unit</b><br>Base unit M5IR                                                                                                                                                                                                                                       |  | <b>► Region</b><br>N North America<br>E Europe<br>C China/New Zealand<br>U United Kingdom<br>A Australia<br>B Brazil<br>X Other region with 3-pin UK plug<br>Y Other region with 2-pin EU plug |  |

Order number: M5IR      D   00

For example, the order number for a GasAlertMicro 5 IR configured for O<sub>2</sub>, %LEL, CO<sub>2</sub>, H<sub>2</sub>S and CO and equipped with a rechargeable battery pack and cradle charger, motorized sampling pump, yellow housing and North American power connectivity would be M5IR-XWBY-R-P-D-Y-N-00.

\*Note: Some gases cannot be combined in the same GasAlertMicro 5 configuration. Please check with Customer Service for specific availability.

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# GasAlertMicro 5 Series (continued)

## Confined Space Kits

GasAlertMicro 5 Series deluxe confined space kit - includes manual aspirator kit, sampling probe with holster, five spare auxiliary filters and three spare quick connect fittings, 10 ft. / 3 m sampling hose, carrying holster, calibration cap and 1.0 LPM regulator  
*Detector, calibration gas and motorized sampling pump sold separately.*

## Order Number

M5-CK-DL

Carrying case for GasAlertMicro 5 Series with foam and lid insert

M5-CK-CC

## Carrying & Protective Accessories

## Order Number

Concussion-proof boot, diffusion units

GA-BM5-1

Concussion-proof boot, pump units

GA-BM5-2

Carrying holster

GA-HM5

Neck strap with safety release

GA-NS-1

Short strap (6 in. / 15.2 cm)

GA-LY-1

Extension strap (4 ft. / 1.2 m)

GA-ES-1

Chest harness

GA-CH-2



### Concussion-Proof Boot

GA-BM5-2

For GasAlertMicro 5 Series  
pumped units



### Concussion-Proof Boot

GA-BM5-1

For GasAlertMicro 5 Series  
diffusion units

### Deluxe Confined Space Kit M5-CK-DL



### Carrying Holster

GA-HM5

Fits securely on belt

# GasAlertMicro 5 Series (continued)

| Sampling & Testing Equipment                                                                                                                                                                                                                 | Order Number             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Integral motorized pump kit<br>- Yellow<br>- Black<br><i>Includes motorized pump cover, 1 ft. / 30 cm sample probe with hydrophobic barrier (water trap) and particulate filters, 5 ft. / 1.5 m sampling hose and two spare pump filters</i> | M5-PUMP<br>M5-PUMPB      |
| Auxiliary pump filter compatible with hose                                                                                                                                                                                                   | M5-QCONN-K1              |
| Auxiliary pump filter for use with Generation 2 pump modules (with filter window)<br>- Kit of 5<br>- Kit of 100                                                                                                                              | M5-AF-K3<br>M5-AF-K3-100 |
| Auxiliary pump filter for use with legacy Generation 1 pump modules (without filter window)<br>- Kit of 5<br>- Kit of 100                                                                                                                    | M5-AF-K2<br>M5-AF-K2-100 |
| Replacement pump, yellow                                                                                                                                                                                                                     | M5-PR-1                  |
| Replacement pump, black                                                                                                                                                                                                                      | M5-PRB-1                 |
| Replacement pump nozzle (for use with new Generation 2 pump modules)                                                                                                                                                                         | M5-PN-1                  |
| Replacement diffusion cover, yellow                                                                                                                                                                                                          | M5-DC-1                  |
| Replacement diffusion cover, black                                                                                                                                                                                                           | M5-DCB-1                 |
| Replacement ammonia (NH <sub>3</sub> ) sensor*                                                                                                                                                                                               | SR-A04                   |
| Manual aspirator pump kit with probe (1 ft. / 0.3 m)                                                                                                                                                                                         | GA-AS02                  |
| Test cap and hose (1.5 ft. / 0.5 m) replacement                                                                                                                                                                                              | M5-TC-1                  |

*Note: For complete list of Sampling & Testing Equipment, see the Sampling Equipment section.*



**Replacement  
Test Cap and Hose**  
M5-TC-1



**Auxiliary Pump Filter with  
Hose Connector**  
M5-QCONN-K1



**Auxiliary Pump Filter**  
M5-AF-K3 / M5-AF-K3-100  
*Kit of 5 or 100, for Generation 2  
pump modules*



**Pump Module**  
M5-PUMP



**Auxiliary Pump Filter**  
M5-AF-K2 / M5-AF-K2-100  
*Kit of 5 or 100, for legacy  
Generation 1 pump modules only*



**Replacement  
Diffusion Cover**  
M5-DC-1



**Manual Aspirator Pump**  
GA-AS02  
*For remote sampling; complete with  
probe, hose and aspirator pump*

# GasAlertMicro 5 Series (continued)

| Power Accessories                                                 | Order Number  |
|-------------------------------------------------------------------|---------------|
| Alkaline battery pack, yellow*                                    | M5-BAT0501    |
| Alkaline battery pack, black*                                     | M5-BAT0501B   |
| Alkaline battery pack, European-style safety screws, yellow*      | M5-BAT0502    |
| Rechargeable battery pack, yellow*                                | M5-BAT08      |
| Rechargeable battery pack, black*                                 | M5-BAT08B     |
| Cradle charger and rechargeable battery pack, yellow*             | M5-C01-BAT08  |
| Cradle charger and rechargeable battery pack, black*              | M5-C01-BAT08B |
| Cradle charger for rechargeable battery packs                     | M5-C01        |
| 12 Vdc vehicle adaptor cable for use with cradle charger (M5-C01) | GA-V-CHRG4    |
| Replacement power supply for chargers                             | POWER-UPS-01  |

\*Note: Battery packs and chargers should be used with the new version GasAlertMicro 5 Series gas detectors (red circuit boards).

| Datalogging Accessories | Order Number |
|-------------------------|--------------|
| Multimedia card         | M5-MMC       |
| USB memory card reader  | CR-MMC-USB1  |

| MicroDock II                                                                            | Order Number      |
|-----------------------------------------------------------------------------------------|-------------------|
| MicroDock II Automated Calibration and Testing Station:                                 |                   |
| - Base station and GasAlertMicro 5 Series docking module (charging) with charging cable | DOCK2-2-1C1K-00-G |
| - Base station and GasAlertMicro 5 Series docking module (non-charging)                 | DOCK2-2-1J-00-G   |
| - GasAlertMicro 5 Series docking module (charging), no charging cable                   | DOCK2-0-1K-00-G   |
| - GasAlertMicro 5 Series docking module (non-charging)                                  | DOCK2-0-1J-00-G   |

For complete MicroDock II system configuration information, see MicroDock II section.



**Alkaline Battery Pack**  
M5-BAT0501/M5-BAT0501B  
M5-BAT0502/M5-BAT0502B



**Rechargeable Battery Pack**  
M5-BAT08/M5-BAT08B



**Vehicle Adaptor**  
12 Vdc  
GA-V-CHRG4  
Vehicle adaptor cable for use  
with cradle charger (M5-C01)



**Cradle Charger Kit with Battery**  
M5-C01-BAT08 / M5-C01-BAT08B  
Complete with charger and rechargeable  
battery pack



**Cradle Charger**  
M5-C01  
Cradle charger for rechargeable battery packs  
(can charge battery pack with or without detector attached)

# GasAlertMicro 5 Series (continued)

| Replacement Sensor Screens            | Order Number |
|---------------------------------------|--------------|
| Quad sensor screen filters (kit of 2) | M5-SS        |

| Replacement Sensors                                                                       | Order Number |
|-------------------------------------------------------------------------------------------|--------------|
| Replacement carbon dioxide (CO <sub>2</sub> ) IR sensor                                   | SR-B04       |
| Replacement carbon monoxide (CO) sensor                                                   | SR-M04-SC    |
| Replacement carbon monoxide (CO-H) sensor, H <sub>2</sub> resistant                       | PS-RM04H     |
| Replacement chlorine (Cl <sub>2</sub> ) sensor*                                           | PS-RC10      |
| Replacement chlorine dioxide (ClO <sub>2</sub> ) sensor*                                  | SR-V04       |
| Replacement combustible (% LEL) sensor with heavy duty silicone filter†                   | SR-W04       |
| Replacement combustible (% LEL) sensor without heavy duty silicone filter†                | SR-W04-UF    |
| Replacement Duo-Tox sensor - carbon monoxide (CO) and hydrogen sulfide (H <sub>2</sub> S) | D4-RHM04     |
| Replacement hydrogen cyanide (HCN) sensor                                                 | PS-RZ10      |
| Replacement hydrogen sulfide (H <sub>2</sub> S) sensor                                    | PS-RH04S     |
| Replacement nitrogen dioxide (NO <sub>2</sub> ) sensor                                    | PS-RD04      |
| Replacement oxygen (O <sub>2</sub> ) sensor                                               | SR-X10-C1    |
| Replacement ozone (O <sub>3</sub> ) sensor*                                               | SR-G04       |
| Replacement phosphine (PH <sub>3</sub> ) sensor                                           | SR-P04       |
| Replacement sulfur dioxide (SO <sub>2</sub> ) sensor                                      | PS-RS04      |
| Replacement volatile organic compounds (VOC) PID sensor, 10.6 eV*                         | SR-Q07       |
| Replacement PID lamp, (10.6 eV) for PID sensor (SR-Q07)*                                  | RL-PID10.6   |
| Replacement electrode stacks for PID sensor (SR-Q07) (kit of 2)                           | M5PID-ES-1   |
| Cleaning kit for PID sensor                                                               | M5PID-CLN-K1 |
| Dummy sensor for 3-pin O <sub>2</sub> or 3-pin Duo-Tox locations                          | SR-DUMM1     |
| Dummy sensor for combustible (LEL) location                                               | SR-DUMM2     |
| Dummy sensor for PID location                                                             | SR-DUMM3     |

Note: All sensors come with a 2 year warranty unless marked with an asterisk (\*), denoting 1 year warranty.

†Advisory: Detectors are equipped on a standard basis with SR-W04 combustible sensors. This sensor includes a heavy duty silicone filter that make it ideal for use in environments that have known sources of silicone or vapors containing silicon. The SR-W04 silicone filter equipped sensor should not be used when monitoring diesel, kerosene, jet fuel or other heavy hydrocarbon vapors with flashpoint temperatures above 38°C (100°F).

## Calibration & Testing Equipment

For calibration and testing equipment for this product, please see pages 86-89.

### PID Cleaning Kit

M5PID-CLN-K1  
For PID sensors



**Replacement  
10.6 eV PID Lamp**  
RL-PID10.6  
For PID sensors



**Replacement  
Electrode Stack**  
M5PID-ES-1  
For PID sensors

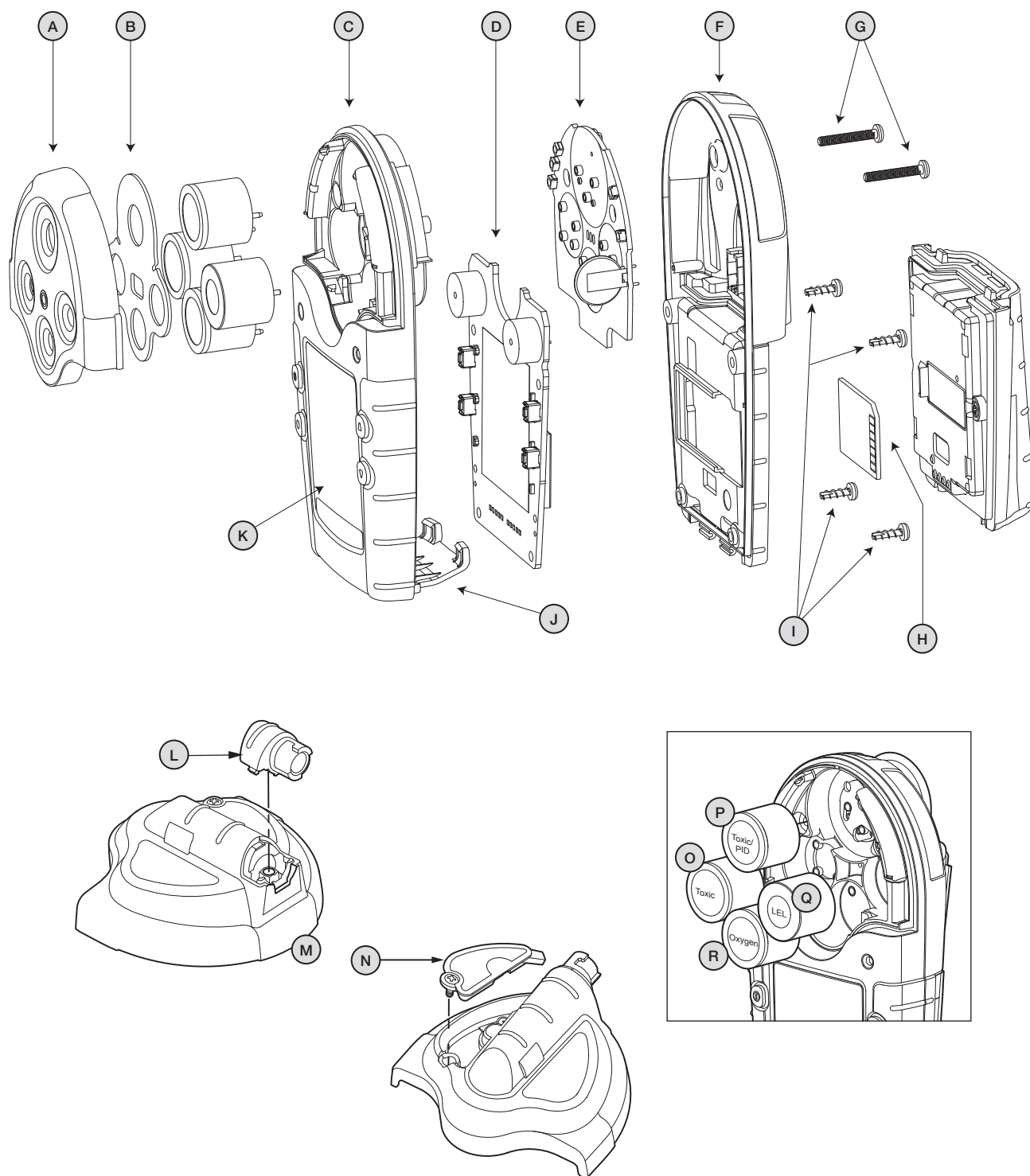


**Replacement PID Sensor**  
SR-Q07



**Replacement IR Sensor**  
SR-B04

# GasAlertMicro 5 Series (continued)



Note: Please refer to the instrument's documentation (shipped with the product or available at [www.gasmonitors.com](http://www.gasmonitors.com)) for complete instructions on common service procedures. Improper servicing or maintenance may affect warranty eligibility. Honeywell assumes no liability for damages resulting from improper servicing or maintenance.

# GasAlertMicro 5 Series (continued)

| Legend | Service Parts                                                                               | Order Number |
|--------|---------------------------------------------------------------------------------------------|--------------|
| C      | Replacement front enclosure (yellow) for GasAlertMicro 5 Series                             | M5-FC1       |
|        | Replacement front enclosure (black) for GasAlertMicro 5 Series                              | M5-FC1B      |
| F      | Replacement back enclosure (yellow) with screws for GasAlertMicro 5 Series                  | M5-BC1       |
|        | Replacement back enclosure (black) with screws for GasAlertMicro 5 Series                   | M5-BC1B      |
| A      | Replacement diffusion cover (yellow) for GasAlertMicro 5 Series                             | M5-DC-1      |
|        | Replacement diffusion cover (black) for GasAlertMicro 5 Series                              | M5-DCB-1     |
|        | Replacement alligator-style clip with screw (stainless steel)                               | GA-AG-2      |
|        | Replacement battery latch                                                                   | M5-BL-1      |
| D      | Replacement main PCB for GasAlertMicro 5 Series                                             | M5-DL2-MPCB3 |
| E      | Replacement sensor PCB for GasAlertMicro 5                                                  | M5-SPCB3     |
|        | Replacement sensor PCB for GasAlertMicro 5 PID                                              | M5PID-SPCB3  |
|        | Replacement sensor PCB for GasAlertMicro 5 IR                                               | M5IR-SPCB1   |
| L      | Replacement nozzle for generation 2 GasAlertMicro 5 Series pump module (with filter window) | M5-PN-1      |
|        | Hose assembly with syringe filter                                                           | M5-QCONN-K1  |
| J      | Replacement battery latch for GasAlertMicro 5 Series                                        | M5-BL-1      |
| H      | Replacement multimedia card for GasAlertMicro 5 Series                                      | M5-MMC       |
| I      | Replacement screw kit for GasAlertMicro 5 Series                                            | M5-SCREW-K1  |
|        | Replacement screwdriver and alkaline battery pack screws for GasAlertMicro 5 Series         | M5-ALLEN     |

## How to Replace a Sensor

1. With detector OFF, use No. 1 Phillips screwdriver to remove 2 screws (G) from back enclosure (F) on either side of the belt clip
2. Lift diffusion cover (A) or pump module straight up
3. Remove sensor (O-R) by pulling straight up from PCB (E)
4. Insert new sensor (O-R) into PCB (E)
5. Replace diffusion cover (A) or pump module
6. Replace 2 screws (G) in back enclosure (F) and hand-tighten until firm

## How to Replace the Sensor Screen

1. With detector OFF, use No. 1 Phillips screwdriver to remove 2 screws (G) from back enclosure (F) on either side of the belt clip
2. Lift diffusion cover (A) or pump module straight up
3. Remove sensor screen (B) by pulling it straight up from diffusion cover (A) or pump module
4. Insert sensor screen (B) into diffusion cover (A) or pump module
5. Replace diffusion cover (A) or pump module
6. Replace 2 screws (G) in back enclosure (F) and hand-tighten until firm

*Note: Please refer to the instrument's documentation (shipped with the product or available at [www.gasmonitors.com](http://www.gasmonitors.com)) for complete instructions on common service procedures. Improper servicing or maintenance may affect warranty eligibility. Honeywell assumes no liability for damages resulting from improper servicing or maintenance.*