# multi-gas detector

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The slim and compact GasAlertMicroClip XT provides affordable protection from atmospheric hazards. With continuous visual confirmation of detector operation and compliance provided by the IntelliFlash<sup>™</sup> feature. Simple one-button operation for the ultimate ease of use significantly reduces training times. The GasAlertMicroClip XT is fully compatible with BW's MicroDock II automatic test and calibration system.

Multi-gas made simple





- Continuous visual compliance with IntelliFlash
- Multi-gas versatility with one-button simplicity
- Incredibly thin and lightweight, making it comfortable to wear



Wear yellow. Work safe.



Microcl



### Standard features of BW products:

- · Continuous LCD shows real-time gas concentrations
- · Compact and lightweight design makes it comfortable to wear
- Water-resistant
- Simple 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

## AlertMicroClin Specifications

| Size       4.4 x 2.4 x 1.1 in. / 11.3 x 6.0 x 2.9 cm         Weight       6 oz. / 171 g         Temperature       -4 to +122°F / -20 to +50°C         Humidity       0% - 95% RH (non-condensing)         Alarms       - Visual, vibrating, audible (95 dB)<br>- Low, High, STEL, TWA, OL (over limit)         Tests       Audible/visual alarms on activation,<br>sensors, battery and circuitry (continuous)         Pump       Compatible with the Sampler motorized sampling pump         Typical battery<br>life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep       Combustible gas<br>measurement (% LEL or<br>% by volume methane)         Sensor on/off       User-settable calibration<br>Latching alarms       user-settable calibration<br>gas level         Safe display mode       Force bump test<br>when overdue       Force bump test<br>when overdue         Calibration lock       Force calibration<br>when overdue       Low alarm acknowledge         O <sub>2</sub> auto calibration<br>on start up       Set custom start up unessage<br>IntelliFlash interval       Set custom start up unessage         Ratings       EMI/RFI: Complies with EMC Directive 89/336/EEC<br>IP 66/67       Force is unp test interval<br>is a IC T4 Ga<br>IECEx: Ex ia IIC T4 Ga         Gertifications and<br>approvals       ECE is unpean Conformity       Full two-year warranty including all sensors <th>GasAlertMi</th> <th>croClip S</th> <th>Specificatio</th> <th>ns</th> | GasAlertMi   | croClip S  | Specificatio   | ns  |
|--|--------------|--|--|---|
| Temperature       -4 to +122°F / -20 to +50°C         Humidity       0% - 95% RH (non-condensing)         Alarms       - Visual, vibrating, audible (95 dB)<br>- Low, High, STEL, TWA, OL (over limit)         Tests       Audible/visual alarms on activation,<br>sensors, battery and circuitry (continuous)         Pump       Compatible with the Sampler motorized sampling pump         Typical battery<br>life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep<br>Set STEL interval       Combustible gas<br>measurement (% LEL or<br>% by volume methane)<br>Sensor on/off         User setrable calibration<br>Latching alarms       User-setrable calibration<br>gas fevel         Safe display mode       Force bump test<br>When overdue         Calibration lock       Force calibration<br>when overdue         Auto zero on start up       Language choices (five)<br>Set bump test interval         Ratings       EMV/RFI: Complies with EMC Directive 89/336/EEC<br>IP 66/67         Certifications and<br>approvals       If G<br>Ex ia IIC T4 Ga<br>IECEx: Ex ia IIC T4 Ga<br>IECEx: Ex ia IIC T4 Ga  | Size         | 4.4 x 2.4 x 1  | 1.1 in. / 11.3 x   | 6.0 x 2.9 cm  |
| Humidity       0% - 95% RH (non-condensing)         Alarms       - Visual, vibrating, audible (95 dB)<br>- Low, High, STEL, TWA, OL (over limit)         Tests       Audible/visual alarms on activation,<br>sensors, battery and circuitry (continuous)         Pump       Compatible with the Sampler motorized sampling pump         Typical battery<br>life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep       Combustible gas<br>measurement (% LEL or<br>% by volume methane)         Sensor on/off       User-setfable calibration<br>Latching alarms       user-setfable calibration<br>gas level         Safe display mode       Force bump test<br>When overdue       Vhen overdue         Calibration lock       Force calibration<br>when overdue       Low alarm acknowledge         Q2 auto calibration<br>on start up       Set custorn start up up       Set custorn start up message         IntelliFlash interval       EMV/RFI: Complies with EMC Directive 89/336/EEC<br>IP 66/67       Set custorn start up message         Certifications and<br>approvals       intel G       intel G       intel G         ECEX:       EX all IC T4 Ga       ECEX:       EX all IC T4 Ga         IECEX:       EX all IC T4 Ga       IECEX:       EX all IC T4 Ga  | Weight       | 6 oz. / 171 g  |  |   |
| Alarms       - Visual, vibrating, audible (95 dB)         - Low, High, STEL, TWA, OL (over limit)         Tests       Audible/visual alarms on activation, sensors, battery and circuitry (continuous)         Pump       Compatible with the Sampler motorized sampling pump         Typical battery life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep       Combustible gas measurement (% LEL or % by volume methane)         Sensor on/off       User-settable calibration gas level         Safe display mode       Force burnp test         Steatth mode       when overdue         Calibration lock       Force calibration when overdue         Auto zero on start up       Low alarm acknowledge         Og auto calibration on start up       Set custom start up message         IntelliFlash interval       Set custom start up message         Ratings       EM/RFI: Complies with EMC Directive 89/336/EEC IP 66/67         Certifications and approvals       Get II G Ex ia IIC T4 Ga         IECEx:       EX ia IIC T4 Ga         IECEx:       EX ia IIC T4 Ga         IECEx:       Ex ia IIC T4 Ga  | Temperature  | -4 to +122°  | °F / -20 to +50  | °C  |
| - Low, High, STEL, TWA, OL (over limit)         Tests       Audible/visual alarms on activation, sensors, battery and circuitry (continuous)         Pump       Compatible with the Sampler motorized sampling pump         Typical battery life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep       Combustible gas measurement (% LEL or % by volume methane)         Sensor on/off       User-settable calibration gas level         Safe display mode       Force bump test         Steath mode       When overdue         Calibration lock       Force calibration when overdue         Auto zero on start up       Low alarm acknowledge         02 auto calibration on start up       Set custom start up message         IntelliFlash interval       Set custom start up message         Ratings       EM/RFI: Complies with EMC Directive 89/336/EEC IP 66/67         Certifications and approvals       Gene II G Ex ia IIC T4 Ga         IECEx:       Ex ia IIC T4 Ga         IECEx:       Ex ia IIC T4 Ga         IECEx:       Ex ia IIC T4 Ga   | Humidity     | 0% - 95% R   | H (non-condena   | sing)   |
| Pump       Compatible with the Sampler motorized sampling pump         Typical battery<br>life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep       Combustible gas<br>measurement (% LEL or<br>% by volume methane)         Sensor on/off       User-settable calibration<br>Latching alarms       User-settable calibration<br>gas level         Safe display mode       Force bump test<br>when overdue       Force alibration<br>Latching alarms         Q2 auto calibration<br>on start up       Low alarm acknowledge         Q2 auto calibration<br>on start up       Language choices (five)         Set bump test interval       Set custom start up message<br>IntelliFlash interval         Ratings       EMI/RFI: Complies with EMC Directive 89/336/EEC<br>IP 66/67         Certifications and<br>approvals       Image: Class I, Div. 1, Gr. A, B, C, D         ATEX:       C @ II 1 G<br>Ex ia IIC T4 Ga         IECEX:       Ex ia IIC T4 Ga  | Alarms       | J I I I I I I I I I I I I I I I I I I I  |  |   |
| Typical battery<br>life       10 hours (typical); recharges in less than 4 hours         User options       Confidence beep<br>Set STEL interval       Combustible gas<br>measurement (% LEL or<br>% by volume methane)         Sensor on/off       User-settable calibration<br>gas level       User-settable calibration<br>gas level         Safe display mode       Force bump test<br>when overdue       Force calibration<br>when overdue         Calibration lock       Force calibration<br>when overdue       Force calibration<br>when overdue         O <sub>2</sub> auto calibration<br>on start up       EMI/RFI: Complies with EMC Directive 89/336/EEC<br>IP 66/67       Set custom start up<br>ex (so II 1 G<br>Ex ia IIC T4 Ga         Ratings       EMI/RFI: Complies with CMC Directive 89/336/EEC<br>IP 66/67       Set custom start up<br>ex ia IIC T4 Ga   | Tests        |  |  |   |
| life       Confidence beep       Combustible gas measurement (% LEL or % by volume methane)         Set STEL interval       Sensor on/off       User settable calibration         Latching alarms       gas level         Safe display mode       Force bump test         Steath mode       Force calibration         Calibration lock       Force calibration         Auto zero on start up       Low alarm acknowledge         O2 auto calibration on start up       Language choices (five)         Set bump test interval       Set custom start up message         IntelliFlash interval       EMI/RFI: Complies with EMC Directive 89//336/EEC IP 66/67         Certifications and approvals       Image: Class I, Div. 1, Gr. A, B, C, D         ATEX:       C image: Class I, Div. 1, Gr. A, B, C, D         ATEX:       C image: Class I, Div. 1, Gr. A, B, C, D         ATEX:       C image: Class I, Div. 1, Gr. A, B, C, D         Attex:       C image: Class I, Div. 1, Gr. A, B, C, D         Attex:       C image: Class I, Div. 1, Gr. A, B, C, D         Attex:       C image: Class I, Div. 1, Gr. A, B, C, D         Attex:       C image: Class I, Div. 1, Gr. A, B, C, D         Attex:       C image: Class I, Div. 1, Gr. A, B, C, D         Attex:       C image: Class I, Div. 1, Gr. A, Clas         C image: Class I,  | Pump         | Compatible v   | vith the Sampler   | r motorized sampling pump   |
| Set STEL interval       measurement (% LEL or         Set STEL interval       % by volume methane)         Sensor on/off       User-settable calibration         Latching alarms       gas level         Safe display mode       Force bump test         Steath mode       When overdue         Calibration lock       Force calibration         Auto zero on start up       Low alarm acknowledge         O2 auto calibration       Language choices (five)         Set bump test interval       Set custom start up message         IntelliFlash interval       Set custom start up message         IntelliFlash interval       Set custom start up message         Ratings       EMI/RFI: Complies with EMC Directive 89/336/EEC         IP 66/67       Certifications and approvals         approvals       Calibration T4 Ga         IECEx: Ex ia IIC T4 Ga       IECEx: Ex ia IIC T4 Ga         IECEx: Ex ia IIC T4 Ga       Ce: European Conformity   |              | 10 hours (typical); recharges in less than 4 hours   |  |   |
| IP 66/67         Certifications and approvals         Image: Class I, Div. 1, Gr. A, B, C, D         ATEX:       C (C (G) II 1 G)         Ex ia IIC T4 Ga         IECEx:       Ex ia IIC T4 Ga         C (C : European Conformity  | User options | Set STEL inte<br>Sensor on/of<br>Latching alar<br>Safe display i<br>Stealth mode<br>Calibration lo<br>Auto zero on<br>O <sub>2</sub> auto calib<br>on start up<br>Set bump tes | erval<br>f<br>ms<br>mode<br>e<br>ck<br>start up<br>ration<br>st interval | measurement (% LEL or<br>% by volume methane)<br>User-settable calibration<br>gas level<br>Force bump test<br>when overdue<br>Force calibration<br>when overdue<br>Low alarm acknowledge<br>Language choices (five) |
| approvals       Class I, DIV. T, GLA, B, C, D         ATEX:       C € ⊕ II 1 G         Ex ia IIC       T4 Ga         IECEx:       Ex ia IIC T4 Ga         C €:       European Conformity   | Ratings      |  |  |   |
| Warranty Full two-year warranty including all sensors  |              | ATEX: C C C<br>Ex ia<br>IECEx: Ex ia   | छ II 1 G<br>a IIC T4 Ga<br>a IIC T4 Ga                                   |   |
|  | Warranty     | Full two-year warranty including all sensors   |  |   |

## Additional GasAlertMicroClip XT features:

- · IntelliFlash verifies operation and compliance to both the user and supervisor
- Tamper-proof, one button operation
- · Compatible with the Sampler motorized remote sampling pump
- Equipped with internal vibrating alarm for high noise areas
- Powered by a lithium polymer battery
- Multi-language support in English, French, German, Spanish and Portuguese
- · Conveniently manage your fleet using Fleet Manager II

#### **Options and Accessories**

MicroDock II

compatible







Auxillary filter kit IR connectivity kit Five unit cradle charger

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

| Sensor Specifications |   |            |  |  |
|-----------------------|---|------------|--|--|
| Gas                   | Measuring Range                                 | Resolution |  |  |
| H <sub>2</sub> S      | 0-100 ppm                                       | 1 ppm      |  |  |
| CO                    | 0-500 ppm                                       | 1 ppm      |  |  |
| 02                    | 0-30.0%   | 0.1%       |  |  |
| Combustible           | 0-100% LEL                                      | 1%         |  |  |
| gases                 | 0-5.0% v/v                                      | 0.1%       |  |  |
| during instrument sta | l sensors are user adjustable. Setpoir<br>t up. |            |  |  |
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| 1 xee                 |   |            |  |  |
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