







GAS DETECTORS - BASIS

Confined Space = 4 Gases

<div style="text-align: center;">Max XT II</div>  <ul style="list-style-type: none"> → With integrated pump to allow for remote sampling → Diffusion = ambient detection 	<div style="text-align: center;">MicroClip</div> <p style="text-align: center;">→ Diffusion = ambient detection</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; text-align: center; vertical-align: top;"> XL model O₂ sensor 2-yrs warranty, 4-yrs service life </td> <td style="width: 33%; text-align: center; vertical-align: middle;">  </td> <td style="width: 33%; text-align: center; vertical-align: top;"> X3 Model O₂ sensor 3-yrs warranty, 5-yrs service life </td> </tr> </table>	XL model O ₂ sensor 2-yrs warranty, 4-yrs service life		X3 Model O ₂ sensor 3-yrs warranty, 5-yrs service life
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1 gas only = Single gas detector

<div style="text-align: center;">BW Clip</div> <p style="text-align: center;">Display alarms only</p>  <div style="text-align: center;">BW Clip RT</div> <p style="text-align: center;">Real Time readings display,</p> <p>« Disposable » : fixed service life. Hibernation case available. No need for calibration.</p>	<div style="text-align: center;">BW Solo</div>  <p style="text-align: center;">Unlimited service life :</p> <p style="text-align: center;">Changeable batteries, Changeables sensors.</p>
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INFO +	<p>4 Gases</p> <p><i>CO (Carbon monoxide)</i> Motor combustion byproduct Note : different from CO₂ (carbon dioxide), breathing byproduct</p> <p><i>O₂ (Oxygen)</i> Breathability minima</p> <p><i>H₂S (Hydrogen Sulfide)</i> Natural soil decomposition</p> <p><i>Lel = Lie</i> Lower explosive limit</p> <p>Seals</p> <p><i>IP67</i> – Dust, splashes</p> <p><i>IP68</i> – Dust, splashes, immersion</p>
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Functioning Test (Bump Test) vs Calibration

Functioning Test (Bump Test)

- Detector's reactions test : lights, vibration, alarms
 - Before each use
- Failure leads to calibration.

Calibration

- Sensors re-boost
- Repeat every 6 months (180 days).

Equipment

- Calibration gas
- +
- *Manuel Test:* Regulator
- or
- *Automated Test:* IntelliDox (or Microdock) docking module.



Note : Check the expiry date on gas canisters.

INFO +

Lel / Lie sensors

Are sensible to *silicone poisoning (! WD40 !)*, which will fail the bump test.

Operating

Always switch detectors on in a *clean atmosphere* (sensor checks at start up).

Use

Always carry the detector at *chest level*, closest possible from breath intake.

For rent :

BW Clip CO Carbon monoxide