

Hand Held Multi Gas Detector

Our compact, easy to use and reliable multi-gas detectors serve as your trusted companion in hazardous environments — keeping you safe without weighing you down. These gas detector are the only currently available multi-gas detector with a rating of IP68 for unmatched water protection, offering protection up to 45 minutes at a depth of 1.2 m. You can be confident they will stand up to challenging conditions.

Applications

- Detection of hazardous gases
- Measurement and display of O₂, H₂S, CO & combustible gases
- Suitable for use in confined spaces



Features & Benefits






- Guaranteed runtime for at least a 12-hour shift — down to -20°C — without compromising LEL detection of hydrogen, acetylene and other combustible gases
- Durable, rechargeable lithium polymer battery — tested to last in extreme environments
- Real-time gas concentrations shown on LCD
- Bright, wide-angle visual alarm bars
- IP68 rating ensures maximum protection against dust and water
- 45 minutes at a depth of 1.2 m
- User-friendly, tamper-proof operation with just one button and intuitive LCD icons
- IntelliFlash™ light indicating detector has been bump tested and is monitoring correctly
- Self-test of sensors, battery status, circuit integrity and audible/visual alarms on startup
- Two or Three-year warranty



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For further information:
www.fibreoptic.com.au
+61 3 9757 3000

Technical Specifications

Model	GasAlertMicroClip XL	GasAlertMicroClip X3
Weight (g)	190	179
Operating temperature (°C)	-20 to +50	
Humidity	0% - 95% RH (non-condensing)	
Alarms	Visual, vibrating, audible (95 dB) • Low, High, STEL, OL (over limit)	
Tests	Audible/visual alarms on activation; sensors, battery and circuitry (continuous)	
Typical battery life	18 hours; recharges in less than 6 hours ¹	
User options	Confidence beep Set STEL interval Sensor on/off Latching alarms Safe display mode Stealth mode Calibration lock Auto zero on start up O2 auto calibration on start up Set bump test interval Force bump test when overdue	IntelliFlash™ interval Combustible gas measurement (%LEL or % by volume methane) User-settable calibration gas level Force calibration when overdue Low alarm acknowledge Language choices Set custom start up message
Ratings	IP68 – up to 45 minutes at 1.2 m (GasAlertMicroClip XL and X3) EMI/RFI: Complies with EMC Directive 2004/108/EC	
Certifications and approvals	 Class I, Div. 1, Gr. A, B, C, D ATEX:   II 1 G Ex ia IIC T4 Ga IECEx: Ex ia IIC T4 Ga  European Conformity  KTL (GasAlertMicroClip X3 certification in progress)	
Warranty (years)	Two years ²	Three years ²
Expected service lifetime	Two years	Five years including all sensors ³

1. Approximately 20% capacity loss is normal with lithium polymer batteries after 500 charge cycles. Refer to the Operator's Manual for additional information.
 2. Warranty includes all sensors. Battery is guaranteed to have 12 hour runtime during warranty period under normal operating temperature of -20°C to 50°C.
 3. Sensors do not contain consumable components and will typically reach the expected lifetime if used according to the instructions in the user manual. Please note that poisoned sensors are not covered by warranty.

Sensor Specifications

Gas	Measuring Range	Resolution
H2S	0 - 100 ppm	1 ppm
CO	0 - 500 ppm	1 ppm
O2	0 - 30.0 %	0/1 %
Combustible gases	0 - 100 % LEL 0 - 5.0 %	1 % 0.1 %

Note: Alarm for all sensors are user adjustable. Setpoints are automatically displayed during instrument start up.

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