GasAlertMicroClip XL Multi-Gas Detector

BW Technologies by Honeywell | LEL, O2, H2S, CO | Technical Data Sheet

The BW GasAlertMicroClip XL is a compact, rechargeable portable detector that continuously monitors up to four gas hazards at once – combustible gases (LEL), oxygen (O_2), hydrogen sulfide (H_2S) and carbon monoxide (CO). A slim one-button design, typical 18-hour run time, IP68 housing and audible, visual and vibrating alarms make it suitable for oil & gas, petrochemical, utilities, wastewater and confined-space work.

Key Features

- Simultaneous monitoring of LEL, O_2, H_2S and CO
- Typical 18-hour battery life; full-shift runtime guaranteed down to -20 °C
- Audible (95 dB), visual and vibrating alarms – Low, High, TWA, STEL and OL
- Simple one-button operation with user-adjustable setpoints shown at start-up
- IP68 water and dust protection; compact 190 g housing
- 16 hours of datalogging at 15-second intervals
- Compatible with IntelliDoX automated bump test and calibration docking
- 2-year warranty including sensors

Sensors & Measuring Ranges

Gas	Measuring range	Resolution
Combustible gases (LEL)	0 – 100% LEL (0 – 5.0% v/v methane)	1% LEL (0.1% v/v)
Oxygen (O_2)	0 – 30.0% vol	0.1% vol
Hydrogen sulfide (H_2S)	0 – 100 ppm	1 ppm
Carbon monoxide (CO)	0 – 500 ppm	1 ppm

Standard Alarm Setpoints (user adjustable)

Gas	Low	High	TWA	STEL
LEL	10% LEL	20% LEL	–	–
O_2	19.5% vol	23.0% vol	–	–
H_2S	10 ppm	15 ppm	10 ppm	15 ppm
CO	35 ppm	200 ppm	35 ppm	50 ppm

General Specifications

Model / part no.	MCXL-XWHM-Y (yellow) – regional suffix -EU / -UK / -NA
Size	113 × 60 × 32 mm (4.4 × 2.4 × 1.2 in)
Weight	190 g (6.7 oz)
Operating temperature	-20 to +50 °C (-4 to +122 °F)
Operating humidity	0 – 95% RH, non-condensing
Alarms	Audible 95 dB, visual and vibrating; Low, High, TWA, STEL, OL
Battery	Rechargeable lithium polymer; typical 18 h run time; recharge < 6 h
Datalogging	16 hours at 15-second intervals
Ingress protection	IP68 (1.2 m for 45 minutes)
Hazardous area approvals	CSA Class I, Div. 1, Groups A, B, C, D; ATEX II 1 G Ex ia IIC T4 Ga; IECEx Ex ia IIC T4 Ga; CE
EMI / RFI	Complies with EMC Directive 2004/108/EC
Warranty	2 years including sensors (poisoned sensors excluded)

Optional Accessories

IntelliDoX automated docking module • IR connectivity kit / BW Connect software • 5-unit multi-charger • calibration gas and regulator • concealed belt clip and protective accessories.

For quotations and availability in the UAE contact Streamline International General Trading LLC – www.slgtme.com