

MICROCLIP XL

Multi-gas detector H₂S, CO, O₂ LEL



The Honeywell BW MicroClip XL has earned its place as the world's most popular multi-gas portable detector by getting the basics right. Reliable detection, long runtime, small size and a user experience that puts minimal demands on the people wearing it. With single-button operation and a flashing green IntelliFlash indicator that provides at-a-glance compliance confirmation for both the worker and their supervisor, the MicroClip XL is the instrument workers actually want to wear.

The MicroClip XL monitors up to four gases simultaneously – hydrogen sulphide, carbon monoxide, oxygen and combustible gas in %LEL – in a compact, lightweight housing that sits comfortably in a shirt pocket or on a belt clip throughout a full shift. Even in cold weather at -20°C, the MicroClip XL is guaranteed to provide a full shift of runtime, backed by Honeywell's cold weather battery guarantee for the full two-year warranty period.

The MicroClip XL was specifically designed for environments where cold weather is a challenge. With an 18-hour battery runtime under normal conditions and a guaranteed minimum 12-hour runtime at -20°C for the full warranty period, it is a trusted choice for workers in mining, oil and gas and outdoor industrial environments where standard batteries can fail early in cold conditions.

REFLEX TECHNOLOGY AND INTELLIFLASH

The MicroClip XL includes Reflex Technology, which automatically checks sensor responsiveness during operation to ensure the instrument is functioning correctly at all times. IntelliFlash provides a continuous, flashing green light that gives workers and supervisors immediate visual confirmation that the detector is operating and in compliance, without needing to read a screen. For supervisors managing large teams, IntelliFlash allows compliance status to be confirmed at a distance.

FLEET MANAGEMENT AND CONNECTIVITY

The MicroClip XL supports Bluetooth Low Energy (BLE) connectivity and is compatible with both the MicroDock II and IntelliDoX docking stations for automated bump testing, calibration and data download. Honeywell's SafetySuite software and Fleet Manager II provide fleet-level management, compliance record-keeping and instrument configuration.

KEY FEATURES

- 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

A motorised remote sampling pump is also available for pre-entry atmosphere testing in confined spaces without entering the hazard zone.

MICROCLIP XL

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 over due
- IntelliFlash interval
- Combustible gas measurement (% LEL or % by volume methane)
- User-settable calibration gas level,
- Force bump test when overdue
- Force calibration when overdue
- Low alarm acknowledge
- Language choices (five)
- Set custom start up message

SPECIFICATIONS Specifications subject to change without notice

Dimensions	11.3 x 6.0 x 3.2 cm	Battery runtime	18 hours standard. Cold weather guarantee: minimum 12 hours at -20°C for full warranty period
Weight	190 g	Datalogging	16 hours at 15-second intervals
Gases monitored	H ₂ S, CO, O ₂ , Combustible (LEL): up to 4 simultaneously	IP rating	IP68 (1.2 m for 45 minutes)
Detection ranges	H ₂ S: 0 to 100 ppm, CO: 0 to 500 ppm, O ₂ : 0 to 30% vol, LEL: 0 to 100% and 0 to 5.0% v/v	Wireless	Bluetooth Low Energy (BLE)
Display	Continuous LCD showing real-time gas concentrations	Operating temperature	-20°C to 50°C
Keypad	Single button	Humidity	0 to 95% RH non-condensing
Alarms	Audible 95 dB, visual (bright wide-angle alarm bars), vibration, Low, High, STEL, TWA, OL (over limit)	Certifications	CSA Class I, Div. 1, Groups A, B, C, D. IECEx Ex ia IIC T4 Ga. ATEX CE II 1G Ex ia IIC T4
IntelliFlash	Continuous green flashing light confirming operation and compliance	Warranty	Full 2 years including all sensors
Reflex Technology	Automated sensor responsiveness check	Compatible docking	MicroDock II, IntelliDoX
		Software	Honeywell SafetySuite, Fleet Manager II



+61 8 6108 0000

info@gastech.comgastech.com

HEAD OFFICE

24 Baretta Road
Wangara WA 6065
Phone: +61 8 6108 0000

NSW OFFICE

Suite G01,10 Tilley Lane,
Frenchs Forest, NSW, 2086
Phone: +61 2 9451 0054

QLD OFFICE

Highfields, 4352
Phone: +61 7 3160 0901

DISTRIBUTED BY