Honeywell
THE POWER OF CONNECTED | Gas Detection

Honeywell BW™ MicroClip Series

Multi-gas detectors

Small size. Easy to use. Reliable operation. Affordable protection.

With that combination of benefits, it's no wonder the Honeywell BW™ MicroClip is the world's most popular multi-gas detector, serving as your trusted companion in hazardous environments — keeping you safe without weighing you down. Plus, it's the first multi-gas detector with a rating of IP68 for unmatched water protection — up to 45 minutes at a depth of 1.2m. So you can be confident it will stand up to challenging conditions.

Choose from two detectors, both with extended 18-hour battery runtime, one-button operation and Honeywell's rigorous approach to quality:

Honeywell BW™ MicroClip XL: low up-front cost with a two-year warranty.
Honeywell BW™ MicroClip X3: three-year warranty and a new oxygen sensor that extends overall expected service lifetime to 5 years.

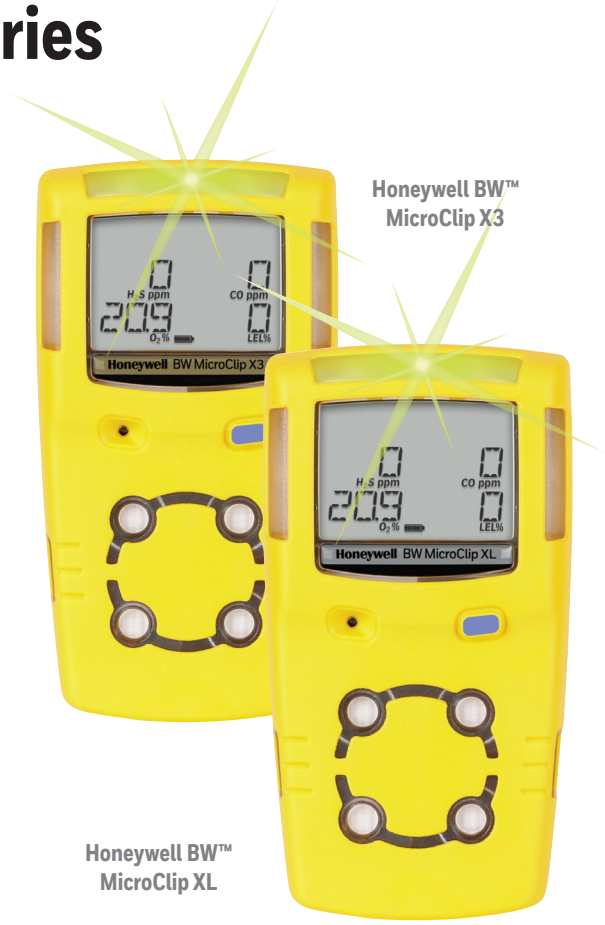
Use our unique advanced technology for safety, compliance and productivity.

- Advanced engineering for reliable battery performance
- Reflex™ Technology to ensure sensor responsiveness
- Compact, lightweight and easy to use — no expertise required
- Flashing green IntelliFlash™ light for compliance at a glance

Optional Accessories

- Honeywell IntelliDoX Automated Test System
- Honeywell BW™ Connect
- IR connectivity kit
- Five unit cradle charger

For a complete list of kits and accessories, please contact Honeywell Analytics.



New to Honeywell BW™ MicroClip X3:

- Five-year life expectancy — plus a three-year warranty
- An all-new oxygen sensor that operates consistently for five years — with no replacement costs for the life of the detector
- Superior cost of ownership — with minimized maintenance and maximized uptime

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
- Ergonomic and wearable — doesn't weigh you down
- Real-time gas concentrations shown on LCD
- Bright, wide-angle visual alarm bars
- IP68 rating ensures maximum protection against dust and water — up to 45 minutes at a depth of 1.2m
- User-friendly, tamperproof 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
- Compatible with IntelliDoX docking station for automated bump tests and calibration
- Multi-language support in English, French, German, Spanish and Portuguese
- Device Management with Honeywell SafetySuite
- Compatible with Honeywell BW™ Connect for real time monitoring

Honeywell BW™ MicroClip Series Specifications

	HONEYWELL BW™ MICROCLIP XL	HONEYWELL BW™ MICROCLIP X3
SIZE	11.3 x 6.0 x 3.2 cm / 4.4 x 2.4 x 1.2 in.	
WEIGHT	190 g / 6.7 oz.	179 g / 6.3 oz.
TEMPERATURE	-20 to +50°C / -4 to +122°F	
HUMIDITY	0% - 95% RH (non-condensing)	
ALARMS	Visual, vibrating, audible (95 dB) • Low, High, TWA, 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 Note: Approximately 20% capacity loss is normal with lithium polymer batteries after 500 charge cycles. Refer to the Operator's Manual for additional information.	
USER OPTIONS	• Confidence beep • Set STEL interval • Sensor on/off • Latching alarms • Safe display mode • Stealth mode • Calibration lock • Auto zero on start up • O_2 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 (Honeywell BW™ MicroClip XL and X3) EMI/RFI: Complies with EMC Directive 2004/108/EC	
CERTIFICATIONS AND APPROVALS	CSA: Class I, Div. 1, Gr. A, B, C, D ATEX: CE, II 1 G. Ex ia IIC T4 Ga IECEx: Ex ia IIC T4 Ga CE European Conformity KTL (Honeywell BW™ MicroClip X3 certification in progress)	
WARRANTY	Full two-year (Honeywell BW™ MicroClip XL) or three-year (Honeywell BW™ MicroClip X3) warranty including all sensors Note: Battery is guaranteed to have 12 hour runtime during warranty period under normal operating temperature of 4°F / -20°C to 122°F / 50°C.	
EXPECTED SERVICE LIFETIME	Five years including all sensors* (Honeywell BW™ MicroClip X3 only) *Note: 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
H_2S	0 -100 ppm	1 ppm
CO	0 - 500 ppm	1 ppm
O_2	0-30.0%	0.1%
COMBUSTIBLE GASES		
	0-100% LEL	1%
	0-5.0% v/v	0.1%

ALARM SETPOINTS FOR ALL SENSORS ARE USER ADJUSTABLE. SETPOINTS ARE AUTOMATICALLY DISPLAYED DURING INSTRUMENT START UP.
DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Continuously detect up to 4 gas hazards:

- H_2S
- CO
- O_2
- LEL



Real-Time Monitoring with the Honeywell BW™ Connect*

**Contact Honeywell Analytics for availability*

For more information
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