

# MICROCLIP XL

## CONFINED SPACE MONITOR



### Key Features

- Confined Space detection for O<sub>2</sub>, CO, H<sub>2</sub>S, and LEL
- Compact, lightweight, and easy to wear
- IntelliFlash™ verifies operation and compliance
- Continuous LCD shows real-time concentrations
- One-button operation reduces training time
- Audible, visual, and vibrating alarms
- Simple automatic calibration procedure
- 10 hr battery life - recharges in less than 4 hours
- Built-in concussion boot and alligator clip

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Portable detector for O<sub>2</sub>, CO, H<sub>2</sub>S, and LEL.  
Compact and easily wearable for use in confined spaces.

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The MicroClip XL utilizes 4 sensor technologies for gas monitoring in confined spaces. The LCD displays real-time readings of O<sub>2</sub>, CO, H<sub>2</sub>S, and Combustibles (LEL). Simple one-button operation reduces training time and prevents operator error. Audible, visual, and vibrating alarms warn of potentially hazardous conditions.

The MicroClip XL has a light and compact design for wearing comfortably. The case is water resistant, and is surrounded by a concussion-proof rubberized boot with a built-in alligator clip. This monitor provides continuous visual confirmation of detector operation and compliance with the IntelliFlash™ Feature.

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### Applications

- Confined Space
- Air Monitoring
- Chemical Plants
- Tank Rooms
- Sea Vessels
- Refrigeration Systems
- Vent Lines
- Food Processing
- Emergency Response

### Accessories Included

- Rechargeable Battery & Charger
- Carrying case (optional)
- User Manual
- calibration gas (optional)
- Calibration Adapter
- Regulator and hose (optional)



Equipped with a continuous LCD offering real time readings of gas concentrations, the **MicroClip XL** is compact and light-weight for wearing in confined spaces. The monitor provides continuous visual confirmation of detector operation and compliance for detection of O<sub>2</sub>, CO, H<sub>2</sub>S, and Combustibles (LEL).

User options include: Confidence beep, auto zero on startup, O<sub>2</sub> auto calibration, calibration lock option, stealth mode, latching alarms, language options and more.

## Ordering Information

The **MicroClip XL** is delivered ready for use with O<sub>2</sub>, CO, H<sub>2</sub>S, and LEL sensors, rechargeable battery and charger, stainless steel alligator belt clip, and instruction manual.

**Order #:** [BW-MCXL](#)  
[BW-MCXL-LEL-RC](#) (replacement LEL sensor)  
[BW-O2-RC](#) (replacement O<sub>2</sub> cell)  
[BW-MCXL-H2S-RC](#) (replacement H<sub>2</sub>S cell)  
[BW-MCXL-CO-RC](#) (replacement CO cell)



## SPECIFICATIONS

Due to ongoing research and product improvement, specifications are subject to change

### Battery:

Single Lithium polymer. 10-hours runtime; recharge in less than 4 hours

### Sensors:

H<sub>2</sub>S: Electrochemical; 1 ppm resolution  
 CO: Electrochemical; 1 ppm resolution  
 O<sub>2</sub>: Electrochemical; 0.1% resolution  
 LEL: Catalytic; 1% resolution

### Ranges:

H<sub>2</sub>S: 0-100 ppm  
 CO: 0-500 ppm  
 O<sub>2</sub>: 0-30%  
 LEL: 0-100%

### Calibration Due Date:

Days remaining until next calibration displayed on start-up

### LCD:

Continuous, alphanumeric gas readout and status display advises

### Tests:

Full function self-test, sensor integrity, circuitry, battery, and audible/visual alarms on activation

### Alarm Indicators:

Clearly advises alarm conditions with audible, visual, and internal vibrator alarms

**Visual alarms:** Two flashing alarm bars visible from all angles. LCD indicates gas present and alarm levels encountered

**Audible alarm:** Typically 95 dB at 1 ft. / 30 cm variable pulsed audible alarm

**Vibrator alarm:** Pulses warning in gas alarm conditions, or for any status alarms

**Status alarms:** Low battery, and failed or missing sensor

### Alarm Levels:

Instantaneous Low Alarm; Instantaneous High Alarm; TWA (time-weighted average), and STEL (short-term exposure limit)

**Alarm setpoints:** Displayed on activation and on demand

### Calibration Schedule:

6-month intervals

### Enclosure:

Rugged, composite material; two-shot molded polymer case with integral anti-shock boot. Highly water resistant and dust proof

**Humidity:** 0 - 95% RH (non-condensing)

**Dimensions:** 4.4 x 2.4 x 1.1 in

**Weight:** 6 oz

### Gas concentration:

Simultaneously and continuously displays gas concentration(s) for all sensors (in ppm or % LEL). Peak (max)/STEL/TWA ppm or %: Records exposures and displays on demand

### User field options:

Confidence beep, set STEL interval, enable / disable sensor, latching alarms, passed calibration user-lockout option, stealth mode, LCD language option, force calibration when overdue, Intelliflash interval, low alarm acknowledge, and user-settable calibration gas level

### Warranty:

1-year (including sensors)