

MICROCLIP XL

CONFINED SPACE MONITOR



Key Features

- Confined Space detection for O₂, CO, H₂S, 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
- Optional kit includes everything necessary for bump testing and calibration

PORTABLE DETECTOR FOR O₂, CO, H₂S, AND LEL.

COMPACT AND EASILY WEARABLE FOR USE IN CONFINED SPACES.

The MicroClip XL utilizes 4 sensor technologies for gas monitoring in confined spaces. The LCD displays real-time readings of O₂, CO, H₂S, 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 optional confined space entry kit (BW-MCXL-CSEK) includes the MicroClip XL monitor, hard carrying case, charger, calibration gas, hose, and calibration adapter. The kit provides the equipment necessary to bump test the unit before each use and calibrate in 6 month intervals. The 34L bottles provides enough gas for many bump tests and calibrations.

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.

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 O₂, CO, H₂S, and Combustibles (LEL).

User options include: Confidence beep, auto zero on startup, O₂ auto calibration, calibration lock option, stealth mode, latching alarms, language options and more.

Ordering Information

The **MicroClip XL** is delivered ready for use with O₂, CO, H₂S, and LEL sensors, rechargeable battery and charger, stainless steel alligator belt clip, and instruction manual.

The confined space entry kit (**BW-MCXL-CSEK**) includes the **MicroClip XL**, carrying case, calibration gas, regulator, and calibration tubing.

Order #: [BW-MCXL](#)
[BW-MCXL-CSEK](#) (includes confined space entry kit)
[BW-MCXL-LEL-RC](#) (replacement LEL sensor)
[BW-O2-RC](#) (replacement O₂ cell)
[BW-MCXL-H2S-RC](#) (replacement H₂S 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:

H₂S: Electrochemical; 1 ppm resolution
 CO: Electrochemical; 1 ppm resolution
 O₂: Electrochemical; 0.1% resolution
 LEL: Catalytic; 1% resolution

Ranges:

H₂S: 0-100 ppm
 CO: 0-500 ppm
 O₂: 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)