MICROCLIP XL

CONFINED SPACE MONITOR

BW Technologies by Honeywell

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

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

Accessories Included

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

CTi CALIBRATION TECHNOLOGIES INC.
GAS DETECTION SPECIALISTS

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 Combusitbles (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.

Order #: BW-MCXL
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)