**Key Features**

- Smaller and 50% lighter than competing instruments
- Water-resistant design in an integral concussion-proof enclosure
- Large LCD allows for easy-to-read monitoring
- Integral motorized pump for remote sampling and fast response
- AA battery powered for easy replacement (rechargeables available)
- 95 dB alarm tone, bright LED alarm bars, & internal vibrating alarm
- Auto backlight activates in low light & when in alarm
- Four alarm levels: instantaneous Low Alarm, High Alarm, TWA, and STEL
- Records TWA, STEL, and max gas exposures (displays readings on command)
- Datalogger with programmable sampling intervals
- Full self-test of sensor, battery, circuit integrity, and audible/visual alarms

---

**An essential tool for all confined space entry.**

Simultaneously monitors up to five gases to keep you safe.

The 4Gas-Responder utilizes four sensors for monitoring and detection of carbon monoxide (CO), hydrogen sulfide (H2S), oxygen (O2), and combustible gases (LEL). The sensors can be custom selected with a maximum of 5 gases per unit.

With preset and user adjustable alarm setpoints, dangerous gas levels are instantly made aware by audible and visual alarms, as well as vibration; ensuring that personnel are aware of potential hazards.

Additionally, the 4Gas-Responder can accommodate a fifth sensor for custom monitoring: SO2, PH3, NO2, HCN, Cl2, ClO2, O3, & NH3. The integral pump provides personnel the ability to draw a sample from the space prior to entry.

---

**Applications**

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

---

**Accessories Included**

- Integral Motorized Pump
- Sampling Wand
- Sampling Tube
- AA Alkaline Battery Pack
- Hand Carrying Case
- User Manual

---

*Specially configured GasAlert Micro 5*
The 4-Gas Responder has one of the largest LCD’s on the market, and comes equipped with an integral motorized pump.

Audible, visual, and vibrator alarms activate in the event of a low, high, TWA, or STEL alarm condition. Other standard features include automatic calibration, datalogger, full function self-test, user selectable confidence beep, stealth mode, backlight options, selectable ppm resolution, STEL / TWA measurement choice, combustible correction factor options, user-settable calibration gas concentrations, and multi-language support.

Ordering Information

The 4-Gas Responder is delivered ready for use with CO, H2S, O2, & LEL sensors, integral motorized pump, AA alkaline battery set, spare AA battery set, sampling wand and hose (3 ft), stainless steel alligator belt clip, instructions, and a rugged hard-shell carrying case.

Order #: 4-GAS Responder
M5-RBC (rechargeable battery and charging cradle)
BW-M5-TwinTox-RC (replacement cell CO/H2S).
BW-GA-LEL-RS (replacement LEL sensor)
BW-O2-RC (replacement O2 sensor)

Specifications

Battery:
8-hour runtime on three AA alkaline cells (runtime dependent on backlight usage)

Pump:
Integral motorized rotary pump. Tubing length up to 100 ft. / 30 m (50 ft. / 15 m standard) with user options

Sensors:
Plug-in, electrochemical (EC) and catalytic (LEL)

Ranges:
CO (0-500 ppm), H2S (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, over range, multiple gas, pump, 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: 5.7 x 2.9 x 1.5 in

Weight: 13.1 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 period, force calibration on start-up, enable / disable sensor, pass code protection, latching alarms, span level, passed calibration user-lockout option, “SAFE” display function, stealth mode, fast pump, alarm only backlight mode, LCD language option, STEL calculation choice, TWA calculation choice, PID / combustible correction factor options, and user-settable calibration gas level

Warranty:
1-year (including sensors)