

The RKI GX-2012 offers dependable personal gas monitoring instrument that measures 1-5 gases simultaneously. It features an autorotation LCD screen that displays gas concentrations and instrument health using automated system diagnostics. When gas concentrations reach alarm limits - the GX-2012 vibrates, lights flash, and generates a two tone audible alarm. The GX-2012 is ideal for personal monitoring, confined space entry, and leak detection.

FEATURES

- Measures O₂, CO, H₂S, and LEL and CH₄ simultaneously
- Large LCD display with backlight
- Powerful pump draw up to 50 feet
- Flexible operating modes: normal, leak check, and bar hole
- Informative display with time, pump status, microprocessor health, and battery level
- Automatic backlit display when in alarm
- Alkaline or Long lasting Li-Ion battery – up to 15 hours of continuous operation
- TWA and STEL with break mode
- Rated ATEX/IECEX/CE Intrinsically Safe
- 2 year warranty

OPTIONAL EQUIPMENT

- SDM-2012 calibration stations
- Calibration kit
- Li-Ion battery pack
- AC or DC Charger
- Carrying case
- Sample draw hoses (10' standard, up to 100' max. available)

Alkaline Battery Pack



Li-Ion Battery Pack



SDM-2012 Calibration Station

CALL GEOTECH TODAY (800) 833-7958

Geotech Environmental Equipment, Inc.

2650 East 40th Avenue • Denver, Colorado 80205

(303) 320-4764 • FAX (303) 322-7242

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SPECIFICATIONS

| Gas Detected | Combustible Gases (Methane as standard) | % Volume Methane | Oxygen (O ₂) | Hydrogen Sulfide (H ₂ S) | Carbon Monoxide (CO) |
|--|--|---|---|--|--|
| Detection Principle | Catalytic combustion | Thermal conductivity | Galvanic cell | Electrochemical cell | |
| Detection Range | 0 ~ 100% LEL 0 ~ 500/1,000/2,000/ 5,000 ppm | 0 ~ 100% Vol. | 0 ~ 40% Vol. | 0 ~ 100 ppm (Optional 0-500 ppm) | 0 ~ 500 ppm |
| Accuracy Statement (whichever is greater) | ±5% of reading or ±2% LEL (LEL mode only) | ±5% of reading or ±2% of full scale | ±0.5% O ₂ | ± 5% of reading or ±2 ppm H ₂ S | ±5% of reading or ±5 ppm CO |
| Sampling Method | Internal sample pump, flow rate nominal 0.5 LPM, includes hydrophobic filter | | | | |
| Display | Digital LCD with 7 segments, auto backlight during alarm | | | | |
| Preset Alarms (User Adjustable) | 1st alarm 10% LEL 2nd alarm 50% LEL Over alarm 100% LEL | No alarms for % Vol. CH ₄ | Low alarm 19.5% High alarm 23.5% Over alarm 40.0% | 1st 5 ppm 2nd 30 ppm TWA 10 ppm STEL 15 ppm Over 100 ppm | 1st 25 ppm 2nd 50 ppm TWA 25 ppm STEL 200 ppm Over 500 ppm |
| Alarms Types | Gas alarms: 1st and 2nd, STEL, TWA (user adjustable) and OVER Trouble alarms: Sensor connection, low battery, low flow, circuit trouble and calibration error | | | | |
| Alarm Methods | Gas alarms: Flashing lights, two tone buzzer, and vibration Trouble alarms: Flashing lights, trouble displayed, intermittent buzzer, and vibration | | | | |
| Operating Temp. & Humidity | -20°C to +50°C (-4°F to 122°F) 0 to 95% RH, non-condensing | | | | |
| Response Time | Within 30 seconds (T90) | | | | |
| Continuous Operation | Alkaline battery: 15 hours Li-Ion battery: 10 hours 70°F (21°C) | | | | |
| Power Source | Li-Ion battery pack, or 3 "AA" Alkaline battery pack; interchangeable | | | | |
| Safety Rating | ATEX, TIIS, IECEx, CE, CSA classified (as standard), as intrinsically safe. Class I, Division 1, Groups A, B, C, D (optional version available) | | | | |
| Dimension & Weight | Approx. 143 mm H x 71 mm W x 43 mm D (5.6" H x 2.8" W x 1.6" D), approx. 350 g (12.3 ounces) | | | | |
| Controls | Five buttons: POWER/ENTER, DISPLAY, AIR, RESET, SHIFT | | | | |
| Standard Accessories | <ul style="list-style-type: none"> • Belt clip • 10" Probe • 10' Hose • Rubber nozzle, 3.5" • Manual • Training CD • Datalogging software • Quick reference card | | | | |
| Configurations | 1, 2, 3, 4, or 5 sensor units Li-Ion or alkaline battery pack options | | | | |
| Warranty | Two years material and workmanship | | | | |

Specifications subject to change without notice.

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