CONFINED SPACE ENTRY
• Monitor LEL, O2, CO, and H2S
• Smallest 5 sensor sample draw instrument
• Internal sample pump
  ◊ Pull samples up to 40’
  ◊ Maintain steady sample flow to sensors
• Vibration, audible, and visual alarms
  ◊ 3 Ways to communicate with workers
  ◊ Includes audible alarm silence
LINE PURGE TESTING
• Thermal conductivity sensor
  ◊ 0 to 100% volume Methane range
• Autoranging
  ◊ Automotively ranges from
  ◊ Displays appropriate unit of measure
• Oxygen sensor
  ◊ Linear response down to 0.0% oxygen
BAR HOLE SAMPLING
• Samples on demand
  ◊ Take samples when you’re ready
  ◊ Prevent sampling pauses
  ◊ Chloride peak reading after sampling
  ◊ Automatic make up quick, more accurately
  ◊ Bar hole probe
  ◊ Prevents underground fluids and obstructions from entering sample system
LEAK INVESTIGATION
• Provides low ppm detection of combustible gas
• Compact size
  ◊ Ideal for appliance leak checks
• Leak check turnover
• LCD’s and alarm tones increase in frequency as gas concentration increases
• Easier to find leak sources
• Audible alarm silence
  ◊ Perform leak investigations without alarming residents
Who Is RKI Instruments?
A world leader in gas detection AND sensor technology for over 70 years.
At The Heart Of Every Gas Detector Is The Sensor
We don’t just buy our sensors, we design, build, age, and test them. For over 70 years we have been at the forefront of sensor technology, developing advanced detection techniques to provide solutions for specific applications. As a result we provide reliable, rugged gas detection equipment.
Product Development
Through ingenuity and years of industry experience, we have developed a unique line of gas detection instruments and accessories. The GX-2003 was designed specifically for the Natural Gas Utility Industry and built around our own high quality, long lasting sensors.
Support
The average RKI employee has over 12 years of gas detection experience. When you call RKI for support you will speak to a person with an expertise in gas detection equipment. We maintain a large inventory of product and can ship most orders within 24 hours. RKI also provides support through a network of authorized safety equipment distributors, technical sales representatives, and service centers.
Training
Our products ship with an operator’s manual as well as an interactive computer based training CD. The interactive training material is also available from our web site. On site training and factory classes are also available.
Authorized Distributor:
CONFINED SPACE ENTRY

- Monitor LEL, O2, CO, and H2S
- Smallest 5 sensor sample draw instrument
- Internal sample pump
  - Puts samples up to 40'
  - Maintains steady sample flow to sensors
- Vibration, audible, and visual alarms
  - 3 Ways to communicate with workers
  - Includes audible alarm silence

NATURAL GAS DETECTION

LEAK INVESTIGATION

- Provides low ppm detection of combustible gas
- Ideal for appliance leak check
  - LED's and alarm tones increase in frequency as gas concentration increases
  - Easier to find leak sources
- Audible alarm silence
  - Perform leak investigations without alarming residents

LINE PURGE TESTING

- Thermal conductivity sensor
  - 0 to 100% volume Methane range
- Autoranging
  - Automatically ranges from 0 to 100% Vol
- Displays appropriate unit of measure
- Oxygen sensor
  - Linear response down to 0.0% oxygen

BAR HOLE SAMPLING

- Samples on demand
  - Take samples when you’re ready
- Fixed time sampling periods
  - Display peak reading after sampling
- Bar hole probe
  - Prevents underground fluids and obstructions from entering sample system

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Authorized Distributor:
GX-2003

Confined Space Mode
PPM Leak Check Mode
Bar Hole Mode

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calibrated mode</td>
<td>Provides accurate readings for leak investigations.</td>
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<tr>
<td>Internal pump</td>
<td>Maintains a steady sample flow to the sensors and provides up to a 40' range.</td>
</tr>
<tr>
<td>Auto-ranging display</td>
<td>Auto-ranging display of % volume and % LEL.</td>
</tr>
<tr>
<td>Calibration reminder / lock out</td>
<td>Calibration reminder / lock out.</td>
</tr>
<tr>
<td>Vibration, audible, and visual alarms</td>
<td>Provides audible, visual, and vibration alarms.</td>
</tr>
<tr>
<td>Low flow alarm</td>
<td>Audible alarm silence.</td>
</tr>
<tr>
<td>Low cost of ownership</td>
<td>Cost-effective instrument.</td>
</tr>
</tbody>
</table>

Specifications

- ** Sampling Method:** Internal sample system from area sample or a single probe
- **Sampling Time:** 30 seconds (T90)
- **Display:** Digital LCD with 7 segments, auto backlight during alarm, adjustable backlight time
- **Power Source:** User Adjustable
- **Memory:** 5000 readings
- **Storage:** Internal memory
- **Dimensions:** 5.6" H x 2.5" W x 1.5" D (140 x 65 x 39 mm)
- **Weight:** 11 ounces (310 g)

Ordering Info & Accessories

- 72-0281RKLB GX-2003, 5 sensor, LEL / % Vol (CH4) / O2 / CO / H2S with Ni-MH battery, LB version
- 72-0275RKLB GX-2003, 4 sensor, LEL / % Vol (CH4) / O2 / H2S with Ni-MH battery, LB version
- 72-0274RKLB GX-2003, 4 sensor, LEL / % Vol (CH4) / O2 / H2S with alkaline batteries, LB version
- 72-0275RKALB GX-2003, 4 sensor, LEL / % Vol (CH4) / O2 / H2S with Ni-MH battery and 12 VDC charger, LB version
- 72-0273RKLB GX-2003, 4 sensor, LEL / % Vol (CH4) / O2 / CO, with Ni-MH battery pack, LB version
- 72-0273RKALB GX-2003, 4 sensor, LEL / % Vol (CH4) / O2 / CO, with Ni-MH battery pack and 12 VDC charger, LB version
- 72-0273RKCLB GX-2003, 3 sensor, LEL / % Vol (CH4) / O2 with Ni-MH battery pack and 115 VAC charger, LB version

Contact Information

www.naturalgasdetection.com 800 754-5165
3 functions, 1 monitor. Reduce the number of instruments your service specialists must carry.

- Reduce man-hours of service specialists. No longer have to wait 3 to 4 minutes for each instrument.
- Avoid instrument downtime with the flexibility of interchangeable alkaline or Ni-MH batteries.
- Immediate warning when the flow of the sampling system is obstructed.
- Automate the service and records for one or for an entire fleet of instruments.
- Service specialist can perform leak investigations without alarming residents with the low flow alarm.
- Convenient in tight spaces. Ideal for appliance leak checks. Comfortably fits on belts.
- Provides low ppm detection of combustible gases for leak investigations.
- Prevent instruments that are out of calibration from going into the field with the calibration reminder or lock out.
- Stores up to 600 hours of data for service and liability record keeping.
- With the lowest sensor replacement cost, the cost of ownership is the best value of any instrument.

Features:
- Auto-ranging display of % volume and % LEL.
- Bright visual alarm light bar.
- Auto-ranging display of % volume and % LEL.
- Audible, and vibration alarms.
- Inert gas leak check: N2, Ar.
- Calibrated for per cent volume.
- Combustibles: CH4, CO, NOx, CO2, H2S, O2.
- Alkaline battery: 14 hours. Ni-MH battery: 16 hours.
- TWA, STEL, PPM, % volume.
- Over 100 ppm.
- Over 500 ppm.
- Low flow alarm.
- Audible alarm silence.
- Leak check blink rate.
- Three operating modes: Confined Space Mode, Bar Hole Mode, Leak Check Mode.
- Internal sample drawing pump.
- Calibration reminder or lock out.
- Audible, and vibration alarms.
- Gas alarms: 1st and 2nd (user adjustable), STEL, TWA and OVER.
- Gas Detected: Combustible Gases, Oxygen (% O2), Hydrogen Sulfide (H2S), Carbon Monoxide (CO).
- Detection Principle: Catalytic.
- Detection Range: (User Adjustable).
- High alarm: 23.5%.
- Low alarm: 19.5%.
- Calibration station (ships with every order).
- Calibration kits.
- Flexible Power Source.
- Training CD.
- WARRANTY: Two years material and workmanship.

Specifications:
- Dimension & Weight: Approx. 171 (H) x 65 (W) x 39 (D) mm (5.6” H x 2.5” W x 1.5” D), approx. 310 g (11 ounces).
- Power Source: Alkaline battery: 14 hours. Ni-MH battery: 16 hours.
- Continuous Operation: Within 30 seconds (T90).
- Response Time: 2 seconds (T90).
- Alarm Methods: Gas alarms: Flashing lights, two tone buzzer, and vibration.
- Alarm Types: Gas alarms: 1st and 2nd (user adjustable), STEL, TWA and OVER.
- Alarm Methods: Overflowing lights, two tone buzzer, and vibration.
- Temperature: -20°C to +50°C.
- Humidity: 0 to 90% (non-condensing).
GX-2003

**Confined Space Mode**

**PPM Leak Check Mode**

**Bar Hole Mode**

- **3 functions, 1 monitor.** Reduce the number of instruments your service specialists must carry.
- **Reduction of instruments.** The blink rate of the LED’s and alarm tones increases in frequency as the concentration of the gas increases. Immediate warning when the flow of the sampling system is obstructed.
- **Prevent instruments out of calibration.** Maintains a steady sample flow to the sensors and provides up to a 40’ range. Reduces man-hours of service specialists. No longer have to wait 3 to 4 minutes for each calibration.
- **Stores up to 600 hours of data for service and liability record keeping.** Service specialist can perform leak investigations without alarming residents with the audible alarm. Convenient in tight spaces. Ideal for appliance leak checks. Comfortably fits on belts.
- **Automate the service and records for one or for an entire fleet of instruments.** 3 ways to communicate with the service specialist.

**Specifications**

- **3 Operation Modes:**
  - Confined Space Mode
  - PPM Leak Check Mode
  - Bar Hole Mode

**Data Cal 2000**

- **Low cost of ownership**
- **Datalogging**
- **Protective rubber boot**
- **Quick start up**
- **Calibration reminder / lock out**
- **Interchangeable Ni-MH or alkaline power source**
- **Auto ranging with combustible gas**
- **Bar hole mode**
- **Audible, and vibration alarms**
- **High impact protective rubber boot**
- **Auto-ranging display of % volume and % LEL**
- **High and Low Trouble alarms:** Flashing lights, trouble displayed, intermittent buzzer, and vibration

**Gas Detection**

- **Combustible Gases**
  - Low alarm: 10 ppm
  - High alarm: 23.5%
  - STEL: 15 ppm
  - TWA: 10 ppm
  - 2nd alarm: 50 ppm

- **Hydrogen Sulfide (H2S)**
  - Low alarm: 25 ppm
  - High alarm: 50 ppm
  - STEL: 200 ppm
  - TWA: 25 ppm
  - 2nd alarm: 50 ppm

- **Oxygen (O2)**
  - Low alarm: 10%
  - High alarm: 20%
  - STEL: 20.9%
  - TWA: 19.5%

- **Methane Oxygen (O2) Hydrogen Sulfide**
  - Low alarm: 25 ppm
  - High alarm: 50 ppm
  - STEL: 200 ppm
  - TWA: 25 ppm
  - 2nd alarm: 50 ppm

**Power Source**

- **Ni-MH battery pack:**
  - Direct or separate charge
  - 16 hours

- **Alkaline battery:**
  - 14 hours

**Response Time**

- **Alarm Methods:** Gas alarms: Flashing lights, two tone buzzer, and vibration

**Display**

- **Auto-ranging display of % volume and % LEL**
- **Audible, and vibration alarms**
- **High impact protective rubber boot**
- **Auto-ranging display of % volume and % LEL**
- **High and Low Trouble alarms:** Flashing lights, trouble displayed, intermittent buzzer, and vibration

**Interchangeable Ni-MH or alkaline power source**

- **3 Operation Modes:**
  - Confined Space Mode
  - PPM Leak Check Mode
  - Bar Hole Mode

**Ordering Info & Accessories**

- **Part Number**
  - Description

**Specifications**

- **Dimension & Weight**
  - Approx. 171 (H) x 65 (W) x 39 (D) mm (5.6” H x 2.5” W x 1.5” D), approx. 310 g (11 ounces)

- **Power Source**
  - Ni-MH battery pack, direct or separate charge, or 3 “AA” Alkaline dry cell batteries; interchangeable power source

- **Response Time**
  - **Gas alarms:** Flashing lights, two tone buzzer, and vibration

- **Alarm Methods**
  - **Gas alarms:** 1st and 2nd (user adjustable), STEL, TWA and OVER

- **Alarms Types**
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    - STEL: 15 ppm
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**Calibration Station**

- **Training CD**

**Calibration Kits**

- **Case Inclusions:**
  - Calibration Kits
  - Training CD

**Accessories**

- **Bar Hole Probe**

**Camping Case**

- **Instrument Management System**
  - 100-240 VAC and VDC Battery Chargers
  - 115 VAC and VDC Battery Chargers
  - 12 VDC Battery Chargers

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