**SAFETY & PPE**

# RKI GX-3R GAS DETECTOR

## DESCRIPTION

The GX-3R is the worlds smallest 4 gas monitor weighing only 3.52 ounces and can comfortably be clipped within a worker's breathing zone (2.2" W x 2.55" H x 1.02" D). It simultaneously monitors and displays LEL combustibles, O2, CO (Hydrogen compensated CO also available), and H2S.
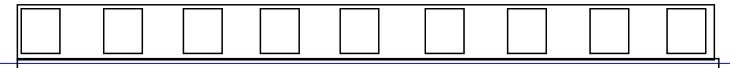
## FEATURES

- Smallest & lightest 4 gas monitor
- 2.2" W x 2.55" H x 1.02" D, 3.52 ounces
- Simultaneous detection of 4 gases
- LEL, O2, H2S & CO
- H2 Compensated CO sensor available
- Simple 2-button operation
- Non-Compliance Indicator
- Alarms: audible, visual, & vibration
- 3 user adjustable alarm levels
- 25 hours of operation (Lithium-ion battery)
- Water and dust resistant design, IP66/68
- 3 Year warranty
- New Product of the Year 2020

## ALL TRADES

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4/5 Kelletts Rd
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# Specifications <span style="float:right">GX-3R Model</span>

| Gas Detected | All Combustible gases (Methane as standard) | Oxygen (O$_2$) | Hydrogen Sulphide (H$_2$S) | Carbon Monoxide (CO) |
|---|---|---|---|---|
| **Detection Principle** | Catalytic Combustion | Electrochemical cell | Dual Electrochemical cell | |
| **Detection Range (Increments)** | 0 – 100% LEL (1% LEL) | 0 – 25.0% Vol (0.1% Vol) | 0 – 100 ppm (0.5 ppm) | 0 – 500 ppm (1 ppm) |
| **Sampling Method** | Diffusion sampling, hand aspirator or motorised pump optional | | | |
| **Display** | Digital LCD displays with 7 segment plus 14 segment plus icon | | | |
| **Present Alarms (User Adjustable)** | 1st alarm 5% LEL<br>2nd alarm 10% LEL<br>Over alarm 100% LEL | Low alarm 19.5%<br>High alarm 23.5%<br>Over alarm 40.0% | 1st alarm 10 ppm<br>2nd alarm 15 ppm<br>TWA alarm 10 ppm<br>STEL alarm 15 ppm<br>Over alarm 200 ppm | 1st alarm 30 ppm<br>2nd alarm 60 ppm<br>TWA alarm 30 ppm<br>STEL alarm 60 ppm<br>Over alarm 2000 ppm |
| **Types of Alarms** | Gas Alarm: 2 Increasing alarms, STEL, TWA, overscale alarm. O2 decreasing/increasing.<br>Trouble Alarm: Sensor disconnection, low battery, circuit error, calibration range error | | | |
| **Display of Alarms** | Gas Alarm: Flashing LEDs, continuous buzzer (100 db @ 30 cm), flashing gas value, vibration<br>Trouble Alarm: Flashing LEDs, intermittent buzzer (95 db @ 30 cm), display of error message | | | |
| **Operating Temp & Humidity** | -40°C to +60°C, 0 to 95% RH, non-condensing (splash resistant) | | | |
| **Response Time** | Within 30 seconds (T90) | | | |
| **Continuous Operation** | 25 hours after a full 3 hour charge | | | |
| **Power Source** | Lithium-ion battery | | | |
| **Safety Design/Approvals** | Ex da ia IIC T4 Ga or EX ia IIC T4 Ga and EX da ia I MA or EX ia I Ma (IECEx) / I M1Ex da ia I Ma//II 1G Ex da ia IICT4 Ga (ATEX) | | | |
| **Dimension & Weight** | Approx 55mm (H) x 64mm (W) x 26mm (D), approx 100g | | | |
| **Case Material** | Explosion proof, dust and water resistant to IP-68 (2m,1h) approval. Drop height 7m | | | |
| **Controls** | Two buttons: POWER / MODE, AIR | | | |
| **Datalogging** | Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends | | | |
| **Standard Accessories** | Alligator clip<br>Charger<br>Calibration cup | | | |
| **Optional Accessories** | Padded carrying case for GX-3R and accessories<br>RP-3R Attachable sampling Pump with tapered rubber nipple, 3m<br>hose and probe (up to 12m hose available) USB to IrDA<br>downloading cable for datalogger<br>SDM-3R calibration station<br>Calibration Cup | | | |
| **Warranty** | Three years material and workmanship | | | |