GX-3R PRO

Smallest and lightest five gas monitor

The GX-3R Pro is the worlds smallest 5 gas monitor weighing only 129 grams and fits in the palm of your hand (73 W x 65 H x 26 D mm). It simultaneously monitors and displays up to 5 different gases. In addition to monitoring standard confined space gases, LEL, O_2, CO, & H_2S, the GX-3R Pro has a 5th channel where you can add ppm or % volume CO_2, or SO_2. A H_2 compensated carbon monoxide sensor is also available. Two of the four sensor slots have interchangeable sensors providing flexible configurations.

The GX-3R Pro comes equipped with Bluetooth wireless communication, man-down alarm, the choice of alkaline or rechargeable power supply, and a 3 year warranty. The Lithium-ion battery pack will operate for 25 hours and will fully charge in 3 hours. The GX-3R Pro can be put into long-life battery mode and operate up to 40 hours.

The GX-3R Pro utilizes Bluetooth communication to display direct gas readings from the instrument to a phone app, which is available free on either iOS or Android phones. Automatic notifications can be programmed to send text or email messages, if there is an alarm event from the

GX-3R Pro. Safety supervisors will appreciate the non-compliance indicator. The instrument flashes it's 3 LED lights every 30 seconds, if the instrument has been exposed to a gas or has not been bump tested or calibration is due. The 3 LED lights will continue flash once every 30 seconds until the non-compliance condition has been resolved. It also has a tick which is visable on the
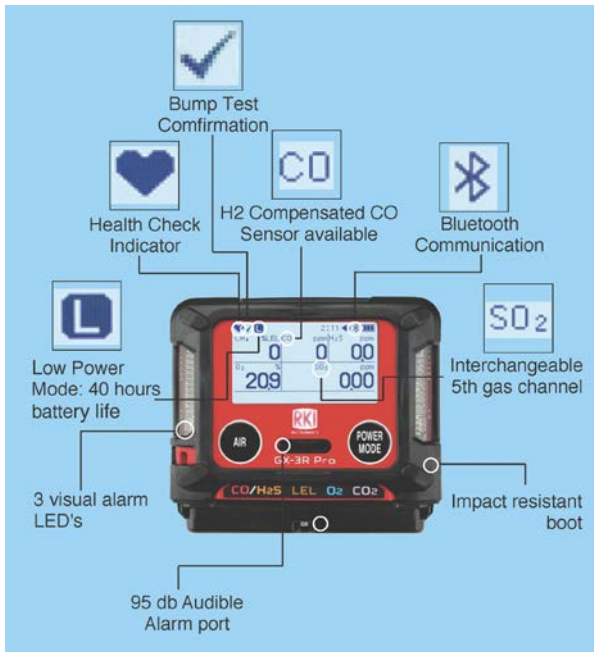
screen to confirm a bump test has been carried out.

APPLICATIONS:

- Confined spaces
- Hazardous material
- Refineries/ chemical plants
- Personal monitoring
- Utilities
- Water/wastewater plants
- Fire services
- Pharmaceuticals
- Oil & Gas
- Construction

KEY FEATURES

- Simultaneous detection of 5 gases LEL, O_2, H_2S, CO, and SO_2 / CO_2 H_2 Compensated CO sensor available
- Smallest / Lightest 5 gas monitor on the market (73 W x 65 H x 26 D mm), Approx 129g
- Dual audible alarm ports (95 db @ 30 cm)
- 3 visual alarm LED's
- Bluetooth
- Vibration alarm
- IP-68 Waterproof / dustproof design
- Non-compliance indicator
- Large capacity data logging standard
- 8 alarm trends
  - Log time range of 10 to 300 hours
  - 100 calibration records
- 25 hours of operation (Lithium-ion battery)
- Large LCD display screen
- Automatic backlighting at alarm
- Impact resistant body
- STEL and TWA readouts

DETECTABLE GASES

Gas		Measuring Range	Accuracy Statement	Preset Alarms
Sensor Slot 1: Hydrogen sulfide (H2S) & Carbon Monoxide (CO)*Interchangeable				
H_2S / CO	Dual EC	0 ~ 500.0 ppm(1 ppm)	± 5% of reading or ± 2 ppm CO	A1: 30 ppm | A2: 60 ppm TWA: 30 ppm STEL: 60 ppm | Over Alarm 500 ppm
		0 ~ 100.0 ppm 0.1 ppm	± 5% of reading or ± 2 ppm H2S	A1: 10 ppm | A2: 15 ppm TWA: 10 ppm STEL: 15 ppm Over Alarm: 100 ppm
CO H_2 Compensated	EC	0 ~ 2,000 ppm	± 5% of reading or ± 2 ppm CO	A1: 1 ppm | A2: 25 ppm A3: 50 ppm | TWA: 25 ppm TEL: 200 ppm
Sensor Slot 2: Combustibles (Methane as standard)				
CH4 / HC	Catalytic	0 ~ LEL (1% LEL)	± 5% of reading or ± 2 % LEL	1st: 5% LEL | 2nd: 10% LEL Over:100% LEL
Sensor Slot 3: Oxygen (O2)				
O_2	EC	0 ~ 25.0% Vol. 0 ~ 40.0% Vol (0.10%)	± 0.5% O_2	Low 1: 19.5% | High: 23.5% | Over: 40.0%
Sensor Slot 4: Toxics & CO_2 *Interchangeable				
CO_2 %		0 ~ 10.0% Vol. (0.01% Vol)	± 5% of reading or ± 2 ppm	A1: 0.50% Vol.| A2: 3.00% Vol. A3: 4.00% Vol.| TWA: 0.50% Vol. STEL: 3.00% Vol.
CO_2 ppm		0 ~ 10,000 ppm 20 ppm		A1: 5000 ppm
O_2	EC	0 ~ 100.0 ppm 0.05 ppm	± 10% of reading or ± 5 % of full scale	A1: 2 ppm | A2: 5 ppm | TWA: 2 ppm STEL: 5 ppm

GX-3R PRO

SPECIFICATIONS   Specifications subject to change without notice

Sampling Method	Diffusion sampling standard / hand aspirator or motorized pump optional
Display	Full dot LCD with Autobacklight and Autorotation
Safety Design / Approvals	I M1Ex da ia I Ma//II 1G Ex da ia IICT4 Ga (ATEX) IEC ex

Alarm Types

Gas Alarm	Trouble Alarm
2 increasing alarms	Sensor disconnection
STEL	Low battery
TWA	Circuit error
Overscale	Calibration
alarm	range error
O_2 decreasing/increasing	

Display of Alarm

Gas Alarm	Trouble Alarm
Flashing LED's	Flashing LED's
Continuous buzzer (100 db @ 30cm)	Intermittent buzzer (95 db @ 30cm)
Flashing gas value	Display of error message
Vibration	

Operating Temp. & Humidity	-20°C ~ +50°C [-4°F ~ +122°F] 10 to 90% RH, non-condensing (continuous environment)
	-40°C ~ +60° [-40°F ~ +140°F] 0 to 95% RH, non-condensing (temporary environment)
Pressure Range	Atmospheric pressure (11.6 - 15.9 psi)
Response Time	Within 30 seconds (T90)

Power Source	Lithium-ion battery, Approx. 25 hours after a 3 hour full charge, (Approx. 40 hours in "long life battery mode")
Dimension & Weight	73 W x 65 H x 26 D mm), 129g (with rubber boot)
Case Material	Explosion proof, dust and water resistant to IP-68 (2m,1h) approval. Drop height 7m
Bluetooth Communication	BLE: with iOS and Android phone app
Datalogging	Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends
Standard Accessories	Alligator clip, protective rubber boot, charger
Optional Accessories	• Padded carrying case • RP-3R Attachable sampling Pump with tappered rubber nipple, 3m hose and probe (up to 12m hose available) • USB to IrDA downloading cable for datalogger • SDM-3R calibration station • Calibration adapter
Warranty	Three years material and workmanship