SMALLEST & LIGHTEST 5 GAS MONITOR

Gas Detection For Life

GX-3R Pro Model



5 World's Smallest and Lightest **Gas Monitor**

Features

- **Smallest & lightest 5 gas monitor**
  - — 2.9" W x 2.6" H x 1.06" D , 4.58 ounces
- **Simultaneous detection of 5 gases**
  - — LEL, O2, H2S, CO, and other optional sensors
  - — H2 Compensated CO sensor available
- **Simple 2-button operation**
- **Bluetooth communication with iOS & Android App**
- **Non-Compliance Indicator**
- **3 user adjustable alarm levels**
- **Panic Alarm**
  - — Tap instrument twice
- **Man Down Alarm**
- **Impact resistant body**
- **Large full dot, auto-backlit display with auto-rotation**
- **Stealth mode for law enforcement**
- **Field replaceable sensors & filters**
- **Water and dust resistant design, IP66/68**
- **3 Year Warranty**

Applications

- **Personal monitoring**
- **Confined spaces**
- **Refineries/petrochemical**
- **Utilities**
- **Oil and Gas**
- **Water/wastewater**
- **Fire services**
- **Construction**

The GX-3R Pro is the world's smallest 5-gas monitor weighing only 4.58 ounces and fits in the palm of your hand (2.9" W x 2.6" H x 1.06" D). It simultaneously monitors and displays 5 different gases. In addition to monitoring standard confined space gases, LEL, O2, CO, & H2S, the GX-3R Pro has a 5th channel where you can add infrared or toxic sensors. Two of the four sensor slots have interchangeable sensors providing flexible configurations, which can easily be changed in the field.

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 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 in the following conditions; if the instrument has not been bump tested, or if calibration is due, or if there was a gas alarm event. The 3 LED lights will continue to flash once every 30 seconds until the non-compliance condition has been resolved. The 30 second interval is adjustable.



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Detectable Gases

Gas		Measuring Range (Increments)	Accuracy Statement	Preset Alarms
Sensor Slot 1: Carbon Monoxide (CO) & Hydrogen sulfide (H2S) **Interchangeable*				
H2S / CO	Dual EC	0 ~ 2000 ppm (1 ppm)	± 5% of reading or ± 5 ppm CO	A1: 25 ppm | A2: 50 ppm A3:1200 ppm | TWA: 25 ppm STEL: 200 ppm
		0 ~ 200.0 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H2S	A1: 5 ppm | A2: 30 ppm A3: 100 ppm | TWA: 1.0 ppm STEL: 5.0 ppm
H2S *Only*	EC	0 ~ 200.0 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H2S	A1: 5 ppm | A2: 30 ppm A3: 100 ppm | TWA: 1.0 ppm STEL: 5.0 ppm
CO *H2 Compensated*	EC	0 ~ 2,000 ppm	± 5% of reading or ± 2 ppm CO	A1: 25 ppm | A2: 50 ppm A3: 1200 ppm | TWA: 25 ppm STEL: 200 ppm
Sensor Slot 2: Combustibles (Methane as standard)				
CH4 / HC	Catalytic	0 ~ LEL (1% LEL)	± 5% of reading or ± 2 % LEL	1st: 10% LEL | 2nd: 25% LEL 3rd: 50% LEL | Over:100% LEL
Sensor Slot 3: Oxygen (O2)				
O2	EC	0 ~ 40.0% Vol. (0.10%)	± 0.5% O2	Low 1: 19.5% | Low 2: 18.0% High: 23.5% | Over: 40.0%
Sensor Slot 4: Toxics & CO2				**Interchangeable*
SO2	EC	0 ~ 100.0 ppm (0.05 ppm)	± 10% of reading or ± 5 % of full scale	A1: 2 ppm | A2: 5 ppm A3: 100 ppm | TWA: 0.25 ppm STEL: 0.25ppm
CO2 %	IR *(Available AUG 2019)*	*0 ~ 10.0% Vol. (0.01%)*	*± 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.*
CO2 ppm		*0 ~ 10,000 ppm (20 ppm)*		*A1: 5,000 ppm | A2: N/A TWA: N/A | STEL: N/A*

Calibration Station
SDM-3R



Clip-On Sampling Pump
RP-3R



**Specifications subject to change without notice*

Common Specifications

Sampling Method	Diffusion sampling standard (hand aspirator or clip-on motorized pump optional)		
Display	Full dot LCD with Autobacklight and Autorotation		
Alarm Types	**Gas Alarm**	**Trouble Alarm**	
	• 2 increasing alarms • STEL • TWA • Overscale alarm • O2 decreasing/ increasing	• Sensor disconnection • Low battery • Circuit error • Calibration range error • Cal or bump due alarm	
	• Man Down Alarm • Panic Alarm		
Display of Alarm	**Gas Alarm**	**Trouble Alarm**	
	• Flashing LED's • Continuous buzzer (100 db @ 30cm) • Flashing gas value • Vibration	• Flashing LED's • Intermittent buzzer (95 db @ 30cm) • Display of error message	
Operating Temp. & Humidity	-20°C ~ +50°C [-4°F ~ +122°F] 10 to 90% RH, non-condensing (continuous environment)		
	-40°C ~ +60°C [-40°F ~ +140°F] 0 to 95% RH, non-condensing (temporary environment)		
Response Time	Within 30 seconds (T90)		
Power Source	**Config**	**Li-ion**	**Alkaline**
	4-gas + EC	25 hours	16 hours
	4-gas + IR	16 hours	7 hours
Dimension & Weight	2.9" W x 2.6" H x 1.06" D (Approx. 73 W x 65 H x 26 D mm), 4.58oz (with rubber boot)		
Case Material	Explosion proof, dust and water resistant to IP-66/68 (2m,1h) approval. Drop height 23 ft		
Bluetooth Communication	BLE: with iOS and Android phone app: *RK Link*		
Datalogging	Logs user ID, station ID, Calibration & Bump Test history, Alarm Events & Alarm Trends		
Standard Accessories	Alligator clip, protective rubber boot, charger, calibration adapter		
Optional Accessories	• Padded carrying case • RP-3R Attachable sampling Pump with 4" rubber nipple, 10' hose and probe (up to 40' hose available) • USB to IrDA downloading cable for datalogger • SDM-3R calibration station • Hand aspirator		
Safety Design / Approvals	ATEX, CSA (Pending)		
Warranty	Three years material and workmanship including sensors		

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