

GX-3R PRO

Five Gas Monitor

- 3 year warranty
- Simultaneous detection of 5 gases
 - Confined Space gases: LEL, O₂, H₂S, CO
 - Toxic/IR gases: HCN / NH₃ / NO₂ / PH₃ / SO₂ / CO₂
 - H₂ Compensated CO sensor available
- Smallest / Lightest 5 gas monitor
- Intrinsically safe, IECEx, ATEX
- IP68 dustproof / waterproof

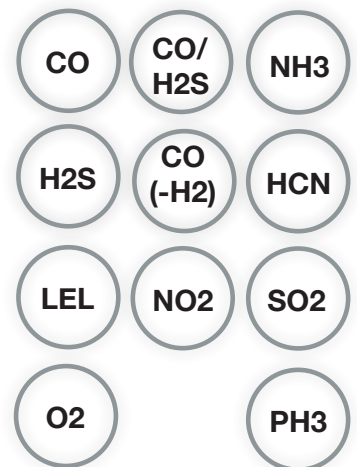
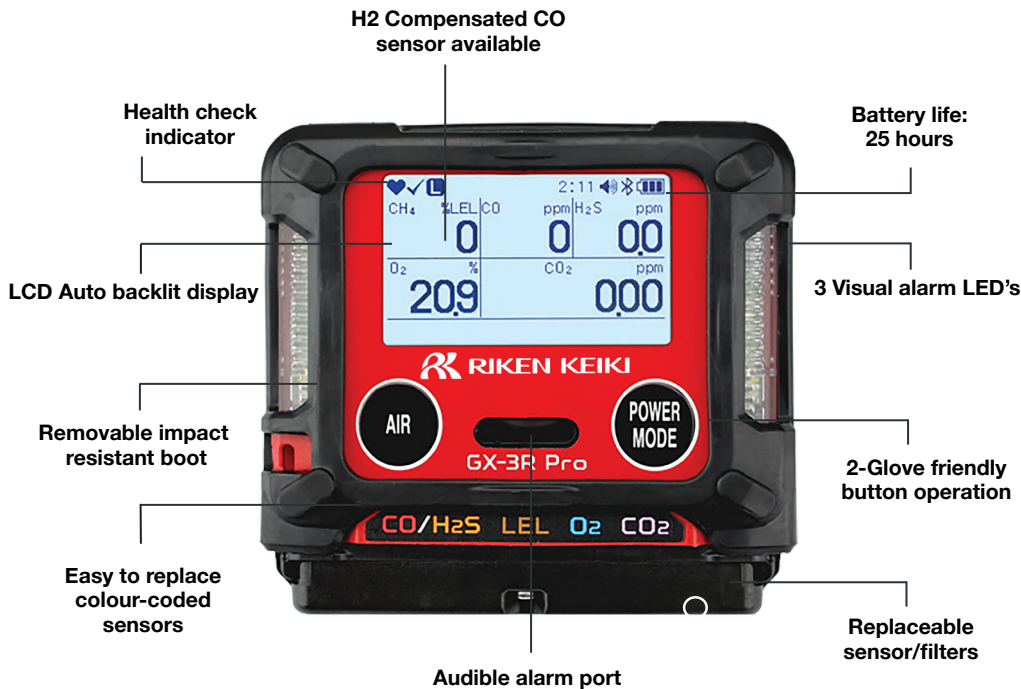


Overview

The GX-3R Pro is the world's 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 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 gas sensors.

Applications

- Confined spaces
- Hazardous material
- Refineries/
Chemical plants
- Personal monitoring
- Utilities
- Fire Services
- Pharmaceuticals
- Oil & Gas
- Construction



Detectable Gases				
Gas	Measuring Range	Accuracy Statement	Preset Alarms	
Sensor Slot 1: Hydrogen sulfide (H2S) & Carbon Monoxide (CO) *Interchangeable				
H2S / CO	Dual EC	0 ~ 2000 ppm (1 ppm)	± 5% of reading or ± 5 ppm CO	A1: 30 ppm A2: 60 ppm STEL: 60 ppm TWA: 30 ppm
		0 ~ 200 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H2S	A1: 10 ppm A2: 15 ppm STEL: 15 ppm TWA: 10 ppm
H2S Only	EC	0 ~ 200 ppm (0.1 ppm)	± 5% of reading or ± 2 ppm H2S	A1: 10 ppm A2: 15 ppm STEL: 15 ppm TWA: 10 ppm
CO H2 Compesated	EC	0 ~ 2,000 ppm (1 ppm)	± 5% of reading or ± 5 ppm CO	A1: 30 ppm A2: 60 ppm STEL: 60 ppm TWA: 30 ppm
CO Only	EC	0 ~ 2,000 ppm (1 ppm)	± 5% of reading or ± 5 ppm CO	A1: 30 ppm A2: 60 ppm TWA: 60 ppm STEL: 60 ppm
Sensor Slot 2: Combustibles (Methane as standard)				
CH4 / HC	Catalytic	0 ~ 100% LEL (1% LEL)	± 5% of reading or ± 2 % LEL	1st: 5% LEL 2nd: 10% LEL STEL: N/A TWA: N/A
Sensor Slot 3: Oxygen (O2)				
O2	EC	0 ~ 40.0% Vol. (0.10%)	± 0.5% O2	Low 1: 19.5% High: 23.5% STEL: N/A TWA: N/A
Sensor Slot 4: Toxics & CO2 *Interchangeable				
HCN	EC	0 ~ 30.0 ppm (0.1 ppm)	± 10% of reading or ± 5 % of full scale	A1: 5 ppm A2: 10 ppm STEL: N/A TWA: 10 ppm
NH3		0 ~ 400.0 ppm (0.5 ppm)		A1: 25 ppm A2: 35 ppm STEL: 35 ppm TWA: 25 ppm
NO2		0 ~ 20.00 ppm (0.05 ppm)		A1: 3 ppm A2: 5 ppm STEL: 5 ppm TWA: 3 ppm
PH3		0 ~ 20.00 ppm (0.01 ppm)		A1: 0.3 ppm A2: 1 ppm STEL: 1 ppm TWA: 0.3 ppm
SO2		0 ~ 100.0 ppm (0.05 ppm)		A1: 2 ppm A2: 5 ppm STEL: 5 ppm TWA: 2 ppm
CO2 %	IR	0 ~ 10.0% Vol. (0.01%)	± 5% of reading or ± 2 ppm	A1: 0.50% Vol. A2: 3.00% Vol. STEL: 3.00% Vol. TWA: 0.50%Vol.
CO2 ppm	IR	0 ~ 10,000 ppm (20ppm)		A1: 5,000 ppm A2: N/A STEL: N/A TWA: N/A

Common Specifications			
Sampling method	Diffusion sampling standard / hand aspirator or motorized pump optional		
Display	Full dot LCD with autobacklight and autorotation		
Safety design / approvals	EX IA IIC T4 GA (IECEx) M1Ex da ia I Ma // II 1G Ex da ia IIC T4 Ga (ATEX)		
Alarm types	Gas alarm 2 increasing alarms • STEL • TWA • Overscale alarm • O2 decreasing/increasing	Trouble alarm • Sensor disconnection • Low battery • Circuit error • Calibration range error • Cal or bump due alarm	
Display of alarm	Gas Alarm • Flashing LED's • Continuous buzzer (100 db @ 30cm) • Flashing gas value • Vibration	Trouble Alarm • Flashing LED's • Intermittent buzzer (95 db @ 30cm) • Display of error message	
Operating temperature and 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
	With bluetooth	23 hours	14 hours
	4-gas + IR	16 hours	7 hours
Dimension and 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) 129g		
Case material	Explosion proof, dust and water resistant to IP-66/68 (2m,1h) Drop test height 23 ft		
Bluetooth communication	BLE: with iOS and Android phone app: RK Link		
Datalogging	Logs user ID, station ID, calibration and bump test history, alarm events and alarm trends		
Standard accessories	Alligator clip, protective rubber boot, charger, calibration adapter		
Optional accessories	<ul style="list-style-type: none"> • 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 		
Approvals	ATEX, CSA		
Warranty	Three years material and workmanship including sensors (1 year for Ammonia sensor)		

Accessories

Clip-On Sampling Pump RP-3R Pro

A versatile calibration station that automates the service of a GX-3R (Pro) gas monitor



Manual Sampling Pump

A manual sampling pump to precisely collect a sample volume for a detector



Docking Station SDM-3R

A compact, battery operated, motorised sample drawing pump

