![RKI INSTRUMENTS logo]

6 Gas, Sample Draw With PID, IR & Super Toxics

Gas Detection For Life

GX-6000

Features

- Monitor up to 6 gases
- 2 smart sensor slots auto recognize PID, IR, and super toxic sensors
- 5 Operating modes: normal, leak check, inert, snap log and bar hole
- Library of over 600 VOCs
- PPM Leak Check mode
- Man-down and panic alarms
- Auto display rotation
- LED Light source
- Internal sample pump
- Glove friendly glow in the dark buttons
- Light weight, small, rugged IP-67 design
- Interchangeable battery packs Li-ion / alkaline
- Operates up to 14 hours on Li-ion battery pack, fully recharges in 3 hours
- Field replaceable sensors, batteries and filters

Applications

- Confined space entry
- Hazmat response teams
- Arson investigation
- Remediation sites
- Perimeter monitoring
- Leak detection
- Landfill monitoring
- Wing tank entry

Simply put, the GX-6000 is a game changer. This powerful hand-held instrument is capable of simultaneously monitoring up to 6 gases. In addition to the standard 4 confined space gases which include combustibles, O2, CO, & H2S, the GX-6000 has 2 additional smart channels that accept PID, IR or super toxic sensors. Equipped with a strong internal sample pump, a man-down alarm, a panic alarm, an LED flashlight, and large auto rotating LCD display, the GX-6000 can operate as a single gas PID unit or a multifunctional tool utilizing all 6 channels. The GX-6000 with a PID sensor will come equipped with a library of over 600 VOC gases to choose from as standard. Choosing from the library is easy with a personalized favorites list of 30 commonly used VOC's as well as a list of 8 of the most recently used VOC's.

The GX-6000 has a rugged design built for the nastiest environments. It is equipped with a removable impact-resistant rubber boot and a dust and water resistant enclosure with an IP-67 rating. With 5 bright LED lights on 3 sides of the instrument, alarms are easily seen from a variety of perspectives. With vibration and loud audible alarm, GX-6000 will easily alert users when needed.

SDM-6000 Calibration Station

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Gases & Detectable Ranges

Gas	Measuring Range	Minimum Display	Alarm Set Points	Accuracy (which ever is greater)
Catalytic				
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL	± 5% of reading or ± 2% LEL
			A2: 50%LEL	
Galvanic				
Oxygen (O2)	0 - 40% Vol.	0.1% Vol.	A1: 19.5 Vol.	± 0.5% O2
			A2: 23.5 Vol.	
Electro Chemical				
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm	± 5% of reading or ± 5 ppm
			A2: 50 ppm	
			TWA 25 ppm	
			STEL 200 ppm	
Hydrogen Sulfide (H2S)	0 - 100 ppm	0.5 ppm	A1: 5.0 ppm	± 5% of reading or ± 2 ppm
			A2: 30.0 ppm	
			TWA 1.0 ppm	
			STEL 5.0 ppm	
Toxics (EC Sensors)				
Ammonia (NH3)	0 - 400 ppm	5 ppm	A1: 25 ppm	± 10% of reading or ± 5% of full scale
			A2: 50 ppm	
Chlorine (Cl2)*	0 - 10 ppm	0.1 ppm	A1: 0.5 ppm	
			A2: 1.0 ppm	
Hydrogen Cyanide (HCN)	0 - 15 ppm	0.1 ppm	A1: 5 ppm	
			A2: 10 ppm	
Nitrogen Dioxide (NO2)	0 - 9 ppm	0.05 ppm	A1: 3 ppm	
			A2: 6 ppm	
Sulfur Dioxide (SO2)	0 - 6 ppm		A1: 2 ppm	
			A2: 5 ppm	
IR Sensors				
Carbon Dioxide (CO2)	0 - 10,000 ppm* / 0 - 5% Vol.	25 ppm / 0.2%	A1: 5,000 ppm	± 5% of reading or ± 2% of full scale
			TWA 5,000 ppm	
			STEL 10,000	
Methane (CH4)	0 - 100% LEL* / 0 - 100% Vol.*	Vol. 1% LEL/ 0.5% Vol	A1: 10% LEL	
Hydrocarbons	0 - 100% LEL / 0 - 30% Vol.		A2: 50% LEL	

* Available July 2016

PID Sensors				
VOC	0 - 50,000 ppb	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb)	A1: 5,000 ppb	± 5% of full scale
			A2: 10,000 ppb	
	0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 400 ppm	
			A2: 1,000 ppm	

Common Specifications

	Gas alarm	Man-down	Trouble
Alarm Types	Low and high adjustable	1st - self reset 2nd - latching	Low flow Sensor connection Low battery Circuit error Calibration range
Sample Method	Sample draw pump, flow rate 0.45 LPM, 50 foot sample range		
Display	Digital LCD, autobacklite, peak bar display, auto display rotation, and customize order of gases		
Audible Alarm	95 dB at 1 ft.		
Languages	English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian		
Continuous Operation	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack)		
Operating Temp. & Humidity	-4°F to 122°F (-20°C ~ +50°C), 0- 95% RH non condensing		
Dimensions	2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm) 14 ounce (400g) (with lithium battery pack)		
Case Material	Dust and water resistant with IP-67 approval (exclude sample hose and probe)		
Safety Design / Approvals	Explosion proof: IECEx , ATEX , TIIS , (CSA) pending Explosion class :Ex ia IIC T4 Ga Others: CE Marking		
Standard Features	2 Smart sensors slots auto recognize sensor changes Library of over 600 VOC's User defined VOC list. Up to 30 frequently used Recent VOC list for last 8 selected gases Pump and circuit status indicators User & station ID selection menu Datalogging (interval, alarm trend, station and user ID) Snap logging - on demand data logging Demand zero / Auto zero BUMP and CAL expiration alarm Flashlight IrDA communication LEL sensor protection mode		
Standard Accessories	• Rubber boot • Belt clip • Hand strap • Tapper nozzle • Probe with hydrphobic & dust filter 3' teflon lined hose		
Optional Accessories	• SDM-6000 calibration station • Bundles with instrument carrying case and accessories • Flexible probes • Up to 40 foot sample hoses • Filter set • IrDA cable		
Warranty	Two years material (including sensors) and workmanship. One year for PID sensor		

RKI INSTRUMENTS

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