



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
- 6 Operating modes: normal, leak check, benzene select mode, 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. A benzene-specific version is available using a pre-filter tube for detecting low levels of benzene.

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



RKI Instruments, Inc. • 33248 Central Ave. Union City, CA 94587 • Phone (800) 754-5165 • (510) 441-5656 • Fax (510) 441-5650

World Leader In Gas Detection & Sensor Technology
www.rkiinstruments.com

Gases & Detectable Ranges					Common Specifications			
Gas	Measuring Range	Reading Increment	Alarm Set Points	Accuracy (whichever is greater)	Alarm Types	Gas alarm	Man-down	Trouble
PID Sensors <i>Smart Sensors</i>						± 5% of full scale	Low and high adjustable	1st - self reset 2nd - latching
10.0 Lamp	Benzene Specific	0.1 - 50 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 50 ppm)	No Alarms				
	300 VOC's	0 - 100 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 100 ppm)	A1: 5 ppm A2: 10 ppm				
10.6 Lamp	600 VOC's	0 - 50,000 ppb	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb)	A1: 5,000 ppb A2: 10,000 ppb				
		0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 400 ppm A2: 1,000 ppm				
Toxics (EC Sensors) <i>Smart Sensors</i>					± 10% of reading or ± 5% of full scale		95 dB at 1 ft.	English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian
Ammonia (NH3)	0 - 400.0 ppm	0.5 ppm	A1: 25 ppm A2: 50 ppm					
Chlorine (Cl2)	0 - 10.00 ppm	0.05 ppm	A1: 0.5 ppm A2: 1.0 ppm					
Hydrogen Cyanide (HCN)	0 - 15.0 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm					
Nitrogen Dioxide (NO2)	0 - 20.00 ppm	0.05 ppm	A1: 3 ppm A2: 6 ppm					
Sulfur Dioxide (SO2)	0 - 99.90 ppm		A1: 2 ppm A2: 5 ppm					
IR Sensors <i>Smart Sensors</i>					± 5% of reading or ± 2% of full scale	Dust and water resistant with IP-67 approval (exclude sample hose and probe)	Explosion proof: IECEx , ATEX , TIIS , cCSAus Explosion class :Ex ia IIC T4 Ga Others: CE Marking	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
Carbon Dioxide (CO2)	0 - 10,000 ppm	20 ppm	A1: 5,000 ppm TWA 5,000 ppm					
	0 - 10.00% Vol.	0.02%	A1: 0.50% Vol A2: 3.00% Vol STEL 3.00% Vol STEL 3.00% Vol					
Methane (CH4)	0 - 100% LEL 0 - 100% Vol.	Vol. 1% LEL/ 0.5% Vol	A1: 10% LEL A2: 50% LEL					
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.							
Catalytic								
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL A2: 50%LEL					
Galvanic					± 0.5% O2	• Two years material (including sensors) and workmanship. One year for PID sensor		
Oxygen (O2)	0 - 40.0% Vol.	0.1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.					
Electro Chemical					± 5% of reading or ± 5 ppm	Two years material (including sensors) and workmanship. One year for PID sensor		
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm					
			A2: 50 ppm					
			TWA 25 ppm					
			STEL 200 ppm					
Hydrogen Sulfide (H2S)	0 - 100.0 ppm	0.5 ppm	A1: 5.0 ppm					
			A2: 30.0 ppm					
			TWA 1.0 ppm					
			STEL 5.0 ppm					

