PID Detector for Volatile Organic Compounds

Gas Detection For Life — **GX-6000**

Features

- Two available VOC ranges
  - High range 0 - 6,000 ppm
  - Low range 0 - 50,000 ppb
- Onboard library of over 600 VOC's
- Easily switch VOC target gas
  - Favorite list of 30 VOC's
  - Recently used list of 8 VOC's
- Benzene specific option
- 2 smart sensor slots auto recognize PID, IR, and super toxic sensors
- Man-down and panic alarms
- Large font display with auto-rotation
- LED Light source
- Internal sample pump
- Glove friendly glow in the dark buttons
- Dust & Water resistant 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 detecting two ranges VOC's; 0 to 50 ppm low range and 0 - 6,000 ppm high range. With a library of over 600 VOC gases to select from built right into the instrument, the GX-6000 is going to have the target VOC you need. Selecting among the 600 VOC target gases is simple. Use the GX-6000's user defined list to create a custom list of up to 30 commonly used target gases, or simply use the recently used list, which holds the 8 most recent target VOC in it's memory. Equipped with a strong internal sample pump, a man-down alarm, a panic alarm, an LED flashlight, and large auto rotating LCD display. This specific GX-6000 model comes with a library of over 600 VOC gases to choose from as standard.

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

SDM-6000 Calibration Station

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World Leader In Gas Detection & Sensor Technology
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GX-6000

PID Sensors				
Gas	**Measuring Range**	**Minimum Display**	**Alarm Set Points**	**Accuracy (which ever is greater)**
VOC	0 - 50,000 ppb	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb)	A1: 5,000 ppb A2: 10,000 ppb	± 5% of full scale
	0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 400 ppm A2: 1,000 ppm	

Common Specifications			
Alarm Types	**Gas alarm**	**Man-down**	**Trouble**
	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 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		
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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