



# 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, O<sub>2</sub>, CO, & H<sub>2</sub>S, 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)
<b>Catalytic</b>				
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL A2: 50%LEL	± 5% of reading or ± 2% LEL
<b>Galvanic</b>				
Oxygen (O2)	0 - 40% Vol.	0.1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.	± 0.5% O2
<b>Electro Chemical</b>				
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm A2: 50 ppm TWA 25 ppm STEL 200 ppm	± 5% of reading or ± 5 ppm
Hydrogen Sulfide (H2S)	0 - 100 ppm	0.5 ppm	A1: 5.0 ppm A2: 30.0 ppm TWA 1.0 ppm STEL 5.0 ppm	± 5% of reading or ± 2 ppm
<b>Toxics (EC Sensors)</b>				
Ammonia (NH3)	0 - 400 ppm	5 ppm	A1: 25 ppm A2: 50 ppm	± 10% of reading or ± 5% of full scale
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	
<b>IR Sensors</b>				
Carbon Dioxide (CO2)	0 - 10,000 ppm* 0 - 5% Vol.	25 ppm 0.2%	A1: 5,000 ppm TWA 5,000 ppm STEL 10,000	± 5% of reading or ± 2% of full scale
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				
<b>PID Sensors</b>				
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			
	Gas alarm	Man-down	Trouble
<b>Alarm Types</b>	Low and high adjustable	1st - self reset 2nd - latching	Low flow Sensor connection Low battery Circuit error Calibration range
<b>Sample Method</b>	Sample draw pump, flow rate 0.45 LPM, 50 foot sample range		
<b>Display</b>	Digital LCD, autobacklight, peak bar display, auto display rotation, and customize order of gases		
<b>Audible Alarm</b>	95 dB at 1 ft.		
<b>Languages</b>	English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian		
<b>Continuous Operation</b>	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack)		
<b>Operating Temp. &amp; Humidity</b>	-4°F to 122°F (-20°C ~ +50°C), 0- 95% RH non condensing		
<b>Dimensions</b>	2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm) 14 ounce (400g) (with lithium battery pack)		
<b>Case Material</b>	Dust and water resistant with IP-67 approval (exclude sample hose and probe)		
<b>Safety Design / Approvals</b>	Explosion proof: IECEx , ATEX , TIIS , (CSA) pending Explosion class :Ex ia IIC T4 Ga Others: CE Marking		
<b>Standard Features</b>	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		
<b>Standard Accessories</b>	<ul style="list-style-type: none"> <li>• Rubber boot</li> <li>• Hand strap</li> <li>• Probe with hydrophobic &amp; dust filter 3' teflon lined hose</li> <li>• Belt clip</li> <li>• Tapper nozzle</li> </ul>		
<b>Optional Accessories</b>	<ul style="list-style-type: none"> <li>• SDM-6000 calibration station</li> <li>• Bundles with instrument carrying case and accessories</li> <li>• Flexible probes</li> <li>• Up to 40 foot sample hoses</li> <li>• Filter set</li> <li>• IrDA cable</li> </ul>		
<b>Warranty</b>	Two years material (including sensors) and workmanship. One year for PID sensor		

