



# 6 Gas, Sample Draw With PID, IR & Super Toxic Sensors

Gas Detection For Life

**GX-6000**



## Features

- 6 Operating modes
- Smallest 6 gas sample draw
- 2 Interchangeable smart sensor slots
- 4 PID options: 10.6 (2 ranges) eV, 10.0 eV, and 11.7 eV lamps
- PID library of over 600 VOCs
  - Easily switch target VOC from customizable user list or a recently used list
- Benzene specific version
- PPM Leak Check mode
- LEL sensor protection mode
- Man-down alarm
- Panic alarm
- Auto display rotation
- Peak-bar display
- LED Light source
- Internal sample pump
- 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; 8 hours operation with alkaline pack
- Field replaceable sensors, batteries, filters and pump
- Intrinsically safe ATEX / IECEx / cCSAus

## 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. A benzene-specific version is available using a pre-filter tube for detecting low levels of benzene. Four PID sensors are available, 10.0 eV, 10.6 eV (low or high range), and 11.7 eV. Any combination of two PID sensors can be installed.

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					Common Specifications			
Gas	Measuring Range	Reading Increment	Alarm Set Points	Accuracy (which ever is greater)	Alarm Types	Gas alarm	Man-down	Trouble
<b>PID Sensors</b>						± 10% of reading, ± 1 digit	Low and high adjustable	1st - self reset 2nd - latching
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				
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				
11.7 Lamp	High Voltage Lamp	0 - 1000 ppm	0.1 ppm	A1: 400 ppm A2: 1,000 ppm				
<b>Galvanic</b>					± 0.5% O2			
Oxygen (O2)	0 - 40.0% Vol.	0.1% Vol.		A1: 19.5 Vol. A2: 23.5 Vol.				
<b>Electro Chemical</b>					± 5% of reading or ± 5 ppm			
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	± 5% of reading or ± 2 ppm			
<b>Toxics (EC Sensors)</b>					± 10% of reading or ± 5% of full scale			
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					
<b>IR Sensors</b>					± 5% of reading or ± 2% of full scale			
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 TWA 0.50% Vol				
Methane (CH4)	0 - 100% LEL 0 - 100% Vol.	1% LEL/ 0.5% Vol		A1: 10% LEL A2: 50% LEL				
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.							
<b>Catalytic</b>					± 5% of reading or ± 2% LEL			
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL		A1: 10%LEL A2: 50%LEL				
					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
					Optional Accessories		• SDM-6000 calibration station • Bundles with instrument carrying case and accessories • Flexible probes • Up to 50 foot sample hoses • Filter set • IrDA cable	
					Warranty		Two years material (including sensors) and workmanship. One year for PID sensor (Two months for 11.7 eV lamp)	



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