



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

Gas Detection For Life

**GX-6000**



## Features

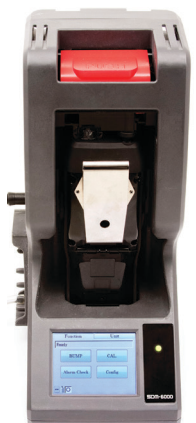
- 6 Operating modes
- Smallest 6 gas sample draw
- 2 Interchangeable smart sensor slots
- 4 PID options: 10.6 (2 ranges) eV, 10.0 eV, and 11.7 eV lamps
- PID library of over 600 VOCs
  - Easily switch target VOC from customizable user list or a recently used list
- Benzene specific version
- PPM Leak 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. GX-6000 PID sensors are also resistant to humidity.

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

Gases & Detectable Ranges					Common Specifications																		
Gas	Measuring Range	Reading Increment	Alarm Set Points	Accuracy (which ever is greater)		Gas alarm	Man-down	Trouble															
<b>PID Sensors</b>					± 10% of reading, ± 1 digit	Low and high adjustable	1st - self reset 2nd - latching	Low flow Sensor connection Low battery Circuit error Calibration range															
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																				
<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																				
Phosphine (PH3)	0 - 20.00 ppm	0.01 ppm	A1: 0.30 ppm A2: 1.00 ppm																				
Sulfur Dioxide (SO2)	0 - 99.90 ppm	0.05 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																				
					<b>Alarm Types</b>	<b>Sample Method</b>	<b>Display</b>	<b>Audible Alarm</b>	<b>Languages</b>	<b>Continuous Operation</b>	<b>Operating Temp. &amp; Humidity</b>	<b>Dimensions</b>	<b>Case Material</b>	<b>Safety Design / Approvals</b>	<b>Standard Features</b>	<b>Standard Accessories</b>	<b>Optional Accessories</b>	<b>Warranty</b>					
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