



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

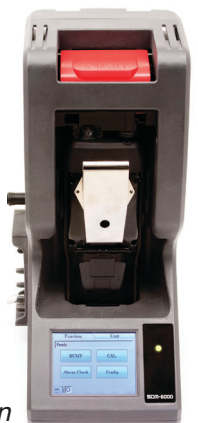
Applications

- 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, 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. 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



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Gases & Detectable Ranges					Common Specifications			
Gas	Measuring Range	Reading Increment	Alarm Set Points	Accuracy (which ever is greater)	Gas alarm	Man-down	Trouble	
PID Sensors					± 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				
Galvanic					± 0.5% O2			
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			
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					
Toxics (EC Sensors)					± 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					
IR Sensors								± 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.							
Catalytic					± 5% of reading or ± 2% LEL			
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL A2: 50%LEL					
					Explosion proof: IECEx , ATEX , TIIS , cCSAus Explosion class :Ex ia IIC T4 Ga Others: CE Marking	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack)	-4°F to 122°F (-20°C ~ +50°C), 0- 95% RH non condensing	
Alarm Types								
Sample Method								
Display								
Audible Alarm					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			
Languages								
Continuous Operation								
Operating Temp. & Humidity								
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								
Safety Design / Approvals					Dust and water resistant with IP-67 approval (exclude sample hose and probe)			
Standard Features								
Standard Accessories					• Rubber boot • Belt clip • Hand strap • Tapper nozzle • Probe with hydrophobic & dust filter 3' teflon lined hose • Benzene pre-filter tubes and holder (benzene versions)			
Optional Accessories								
Warranty					Two years material (including sensors) and workmanship. One year for Cl2 and PID sensors (Two months for 11.7 eV lamp)			

