

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





GX-6000

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				1		Low flow		
10.6 Lamp 000 AOC,s	0 - 50,000 ppb	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb)	A1: 5,000 ppb A2: 10,000 ppb	Alar	Alarm Types	Low and high adjustable	1st - self reset 2nd - latching	Sensor connection Low battery Circuit error Calibration range
	0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 400 ppm A2: 1,000 ppm					
Benzene Specific 300 VOC's	0.1 - 50 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 50 ppm)	No Alarms	± 10% of reading,	Sample Method	Sample draw pump, flow rate 0.45 LPM, 100 foot sample range		
	0 - 100 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 100 ppm)	A1: 5 ppm A2: 10 ppm	± 1 digit	Display	Digital LCD, autobacklight, peak bar display, auto display rotation, and customize order of gases		
High Voltage Lamp	0 - 1000 ppm	0.1 ppm	A1: 400 ppm		Audible Alarm	95 dB at 1 ft.		
			A2: 1,000 ppm		Languages	Korean, Portug		
Galvanic			A1: 19.5 Vol.		Continuous	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack)		
Oxygen (O2)	0 - 40.0% Vol.	0.1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.	± 0.5% O2	Operation			
Electro Chemica	al T				Operating			
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm A2: 50 ppm	± 5% of reading or ± 5 ppm	Temp.	-4°F to 122°F (-20°C ~ +50°C), 0- 95% RH non condensing		
			TWA 25 ppm		α numidity			
			STEL 200 ppm		2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm) 14 ounce (400g) (with lithium battery pack)			
Hydrogen Sulfide (H2S)	0 - 100.0 ppm	0.5 ppm	A1: 5.0 ppm	± 5% of reading or ± 2 ppm				
			A2: 30.0 ppm		Dust and water resistant with IP-67 approval (exclude sample hose and probe)			
			TWA 1.0 ppm					
Toxics (EC Sensors)				Safety Design /	Explosion proof: IECEx , ATEX , TIIS , cCSAus			
•			A1: 25 ppm		Approvals	Explosion class :Ex ia IIC T4 Ga Others: CE Marking		
Ammonia (NH3) Chlorine (Cl2)	0 - 400.0 ppm 0 - 10.00 ppm	0.5 ppm 0.05 ppm	A2: 50 ppm			2 Smart sensors slots auto recognize sensor changes		
			A1: 0.5 ppm		Library of over 600 VOC's			
			A2: 1.0 ppm			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		
Hydrogen Cyanide (HCN)	0 - 15.0 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm	± 10% of				
Nitrogen Dioxide	0. 00 00	0.05	A1: 3 ppm	reading or ± 5% of full	Standard			
(NO2)	0 - 20.00 ppm	0.05 ppm	A2: 6 ppm	scale	Features			
Phosphine	0 - 20.00 ppm	0.01 ppm	A1: 0.30 ppm					
(PH3)			A2: 1.00 ppm					
Sulfur Dioxide (SO2)	0 - 99.90 ppm	0.05 ppm	A1: 2 ppm A2: 5 ppm					
IR Sensors			prince of pprince			Rubber boot	Belt clip	
Carbon Dioxide (CO2)	0 - 10,000 ppm	20 ppm	A1: 5,000 ppm TWA 5,000 ppm		Standard Accessories	Hand strap Tapper nozzle Probe with hydrophobic & dust filter 3' teflon lined hose		
	0 - 10.00% Vol.	0.02%	A1: 0.50% Vol	t ± 5% of reading or reading or optional		Benzene pre-filter tubes and holder (benzene versions)		
			A2: 3.00% Vol		SDM-6000 calibration station Bundles with instrument carrying case and accessories			
			STEL 3.00% Vol			Flexible probes Up to 100 foot sample hoses Filter set		
			TWA 0.50% Vol		Accessories			
Methane (CH4)	0 - 100% LEL 0 - 100% Vol. 0 - 100% LEL	1% LEL/ 0.5% Vol	A1: 10% LEL A2: 50% LEL			IrDA cable Two years material (including sensors) and workmanship. One year for PID sensor (Two months)		
Hydrocarbons	0 - 100% LEL 0 - 30% Vol.	U.U /0 VUI	, 12. JU/O LEL		Warranty			
Catalytic					Warranty	for 11.7 eV lam		SUITION OWL) 1001
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL	± 5% of				
			A2: 50%LEL	reading or ± 2% LEL				
			1	1 - /	I			





