

## 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		'				Low flow		
10.6 Lamp	0 - 40,000 ppb 0 - 6,000 ppm	1 ppb: (< 5000 ppb) 10 ppb: (> 5,000 ppb) 0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 5,000 ppb		Alarm Types	Low and high adjustable	1st - self reset 2nd - latching	Sensor connection
			A2: 10,000 ppb					Low battery Circuit error Calibration range
			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		
9 300 VOC's	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	English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian		
Galvanic						14 hours on Lithium-ion battery pack. Complete		
Oxygen (O2)	0 - 40.0% Vol.	0.1% Vol.	A1: 19.5 Vol.	± 0.5% O2 Continuous		recharge in 3 hours.		
		U. 1 /0 VUI.	A2: 23.5 Vol.	1 0.3 /0 02	Operation	8 hours Alkaline battery pack (3 AA size within each pack)		
Electro Chemica	al	T	T.		Operating	,		
Carbon Monoxide (CO)	0 - 500 ppm	1 ppm	A1: 25 ppm	+ 5% of Temp.	-4°F to 122°F (-20°C ~ +50°C), 0- 95% RH non condensing			
			A2: 50 ppm	reading or	9. Humidity	Condensity		
			TWA 25 ppm STEL 200 ppm	± 5 ppm Dimensions	2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm)			
					Dilliensions	14 ounce (400g) (with lithium battery pack)		
Hydrogen Sulfide (H2S)	0 - 100.0 ppm	0.5 ppm	A1: 5.0 ppm A2: 30.0 ppm	± 5% of	0	Dust and water resistant with IP-67 approval		
			A2: 30.0 ppm TWA 1.0 ppm	reading or Case Material	(exclude sample hose and probe)			
			STEL 5.0 ppm	± 2 ppm				
Toxics (EC Sens	sors)		To the property of		Safety Design /		: IECEx , ATEX , TI	
,	0 - 400.0 ppm	0.5 ppm	A1: 25 ppm	Approvais	Approvals	Explosion class :Ex ia IIC T4 Ga Others: CE Marking  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		
			A2: 50 ppm	1				
Chlorine (Cl2)	0 - 10.00 ppm	0.05 ppm	A1: 0.5 ppm	]				
			A2: 1.0 ppm	]				
Hydrogen	0 - 15.0 ppm	0.1 ppm	A1: 5 ppm	± 10% of				
Cyanide (HCN)	0 - 15.0 ррпі	0.1 ррпі	A2: 10 ppm	reading or				
Nitrogen Dioxide	0 - 20.00 ppm	0.05 ppm	A1: 3 ppm	± 5% of full scale	Standard Features			
(NO2)	20.00 pp	0.00 ррпп	A2: 6 ppm	Scale				
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	_				
IR Sensors			A2: 5 ppm					
III Jelisuis			A1: 5,000 ppm	Accessories ± 5% of	Standard	Rubber boot     Belt clip     Tapper nozzle		
Carbon Dioxide (CO2)	0 - 10,000 ppm	20 ppm	TWA 5,000 ppm		Probe with hydrophobic & dust filter 3' teflon lined he			
		0.02%	A1: 0.50% Vol		Benzene pre-filter tubes and holder (benzene versio			
	0 - 10.00% Vol.		A2: 3.00% Vol		SDM-6000 calibration station     Bundles with instrument carrying case and accessorie     Flexible probes			
			STEL 3.00% Vol					
			TWA 0.50% Vol	± 2% of full	Accessories	Up to 100 foot sample hoses     Filter set		
Methons (CLIA)	0 - 100% LEL			scale				
Methane (CH4)	0 - 100% Vol.	1% LEL/ 0.5% Vol	A1: 10% LEL			IrDA cable  Two years material (including sensors) and workmanship. One year for CI2, and PID sensors  (Tricking the form of the property		
Hydrocarbons	0 - 100% LEL		A2: 50% LEL					
Catalytic	0 - 30% Vol.				Warranty			
Catalytic			A1: 100/15!	± 5% of		(Iwo months fo	r 11.7 eV lamp)	
Hydrocarbons (CH4, std)	0 - 100% LEL	1% LEL	A1: 10%LEL	± 5% of reading or ±				
u H/L ctd)	· · · · · · · · · · · · · · · · · · ·		A2: 50%LEL	2% LEL	I			



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