

Benzene Specific Gas Detector

Gas Detection For Life

GX-6000



The GX-6000 is a game changer and it just changed the game again with the Benzene Specific measuring mode. With the addition of the selective 10.0 eV PID sensor, the GX-6000 can now detect the BTEX family of VOC's including benzene, toluene, ethylbenzene, and xylene with a range of 0 - 100 ppm and a library of over 300 VOC's. By using the PID pre-filter tubes and the filter tube holder, the GX-6000 can specifically monitor for benzene at a range of 0.01 - 50 ppm by filtering out all other VOC's. The

filter tube holder has a unique break away design to avoid accidental damage if impacted or dropped. The filter tube holder also includes a safe and convenient glass breaker for the filter tube tips.

The GX-6000 has two PID sensors available, a 10.6 eV and a 10.0 eV, to use in either of its two smart sensor slots. The GX-6000 is the only PID instrument on the market with the ability to have two PID sensors functioning in one instrument. Use the broad range 10.6 eV PID sensor for preliminary investigation, then switch to benzene mode for a highly specific measurement.

Selecting among the hundreds of VOC target gases is simple. Use the GX-6000's user defined list to create a custom list of up to 30 commonly used target gases, or simply use the recently used list, which holds the 8 most recent target VOC's in its memory. Equipped with a strong internal sample pump, a man-down alarm, a panic alarm, an LED flashlight, and large auto rotating LCD display. This GX-6000 model comes with a library of over 600 VOC gases to choose from the 10.6 eV sensor. *SDM-6000 Calibration Station*



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GX-6000

Gases & Detectable Ranges						Common Specifications			
Gas		Measuring Range	Reading Increment	Alarm Set Points	Accuracy (whichever is greater)		Gas alarm	Man-down	Trouble
PI	D Sensors			Smart	Sensors	Alarm Types		1st - self reset 2nd - latching	Sensor connection
Lamp	Benzene Specific	0.1 - 50 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 50 ppm)	No Alarms			Low and high adjustable		Low battery Circuit error
10.0	300 VOC's	0 - 100 ppm	0.01 ppm (0 ~ 10 ppm) 0.1 ppm (10 ~ 100 ppm)	A1: 5 ppm A2: 10 ppm	± 5% of full Sample		Samplo draw n	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	scale	Method	range		
		0 - 6,000 ppm	0.1 ppm: (< 600 ppm) 1 ppm: (> 600 ppm)	A1: 400 ppm A2: 1,000 ppm		Display	rotation, and customize order of gases		
То	xics (EC Sen	sors)		Smart Sensors		Audible Alarm	95 dB at 1 ft.		
Ammonia (NH3)		0 - 400.0 ppm	0.5 ppm	A1: 25 ppm A2: 50 ppm		Languages	English, Spanish, French, German, Italian, Japanese, Korean, Portuguese, Russian		
Chlorine (Cl2)		0 - 10.00 ppm	0.05 ppm	A1: 0.5 ppm A2: 1.0 ppm	± 10% of	Continuous Operation	14 hours on Lithium-ion battery pack. Complete recharge in 3 hours. 8 hours Alkaline battery pack (3 AA size within each pack)		
Hydrogen Cyanide (HCN)		0 - 15.0 ppm	0.1 ppm	A1: 5 ppm A2: 10 ppm	reading or ± 5% of full	Operating			
Nitrogen Dioxide (NO2)		0 - 20.00 ppm	0.05 ppm	A1: 3 ppm A2: 6 ppm	scale	Temp. & Humidity	-4°F to 122°F (-20°C ~ +50°C), 0- 95% RH non condensing		
Sulfur Dioxide (SO2)		0 - 99.90 ppm	0.00 ppm	A1: 2 ppm A2: 5 ppm		Dimensions	2.6" W x 7.8" H x 2" D (H200 x W68 x D52 mm) 14 ounce (400g) (with lithium battery pack)		
IR	Sensors			Smart Sensors		Case Material	Dust and water resistant with IP-67 approval		
Carbon Dioxide (CO2)		0 - 10,000 ppm	20 ppm	A1: 5,000 ppm TWA 5,000 ppm	± 5% of reading or ± 2% of full scale		(exclude sample hose and probe)		
		0 - 10.00% Vol.	0.02%	A1: 0.50% Vol A2: 3.00% Vol STEL 3.00% Vol		Safety Design / Approvals	/ Explosion proof: IECEx , ATEX , TIIS , cCSAus Explosion class :Ex ia IIC T4 Ga Others: CE Marking		IIS , cCSAus others: CE Marking
Methane (CH4)		0 - 100% LEL 0 - 100% Vol.	Vol. 1% LEL/	STEL 3.00% Vol A1: 10% LEL			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		
Hydrocarbons		0 - 100% LEL 0 - 30% Vol.	0.5% Vol	A2: 50% LEL					
Ca	talytic		l						
Hydrocarbons (CH4, std)		0 - 100% LEL	1% LEL	A1: 10%LEL A2: 50%LEL	± 5% of reading or ± 2% LEL	Features			
Galvanic IrDA communication									
Oxygen (O2)		0 - 40.0% Vol.	0.1% Vol.	A1: 19.5 Vol. A2: 23.5 Vol.	± 0.5% O2	.	Rubber boot Belt clip		
El	Electro Chemical						Hand strap Iapper nozzle Probe with hydrophobic & dust filter 3' teflon lined hose		
Carbon Monoxide (CO) Hydrogen Sulfide (H2S)		0 - 500 ppm 0 - 100.0 ppm	1 ppm 0.5 ppm	A1: 25 ppm A2: 50 ppm TWA 25 ppm	\pm 5% of reading or \pm 5 ppm \pm 5% of reading or \pm 2 ppm	Optional Accessories	Benzene pre-filter tubes and holder (benzene versions) SDM-6000 calibration station Bundles with instrument carrying case and accessories Flexible probes Up to 40 foot sample hoses Filter set IrDA cable		
				STEL 200 ppm A1: 5.0 ppm A2: 30.0 ppm					
				TWA 1.0 ppm STEL 5.0 ppm		Warranty	Two years material (including sensors) and workmanship. One year for PID sensor		ors) and nsor



Authorized Distributor:

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