

GT Series

Portable Gas Monitor for One, Two, Three or Four Gases



Gas Tech's GT Series of portable gas monitors are designed to protect workers from hazardous gases in confined spaces and other industrial work sites. The monitors are available in several different gas combinations for detecting Hydrocarbons in the LEL/ppm range, Oxygen (O₂) content, Carbon Monoxide (CO), Hydrogen Sulfide (H₂S) and other gases.

Exclusive LIP™ (Liquid Inhibiting Probe) attachment prevents damage to the sample system by automatically shutting off the pump and sounding a low flow alarm if liquid or water is aspirated

Built-in pump meets US federal regulation compliance for pre-testing of confined spaces & other remote areas

LCD displays shows:

- | real-time gas concentrations
- | date & time
- | battery capacity
- | alarm set points
- | diagnostics
- | log remaining hours
- | TWA, STEL, minimum & maximum readings

Monitoring of hydrocarbons in LEL or ppm ranges is standard

Built-in datalogger is standard

Weighs only 2.25 kg

Microprocessor electronics and convenient top-mounted switches make operation and calibration simple

Interchangeable "D" sized NiCd or alkaline batteries

Easily replaceable batteries and sensors

Alarm points:

- | user defined, programmable alarm levels
- | two levels of alarm with audible & visual indications to warn of unsafe gas levels
- | latching or self-resetting modes
- | trigger if a low battery, low flow, or sensor failure should occur in the field

Unique "float probe" available for monitoring underground storage tanks for Model GT202

SAA*, UL Classified and CSA Certified for Class 1, Division 1, Groups A, B, C & D

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Range of Gases Detected	Ammonia (NH ₃)	0 to 100 ppm in 1 ppm increments
	Carbon Monoxide(CO)	0 to 300 ppm in 1 ppm increments
	Chlorine (Cl ₂)	0 to 10.0 ppm in 0.1 ppm increments
	Hydrocarbons	0 to 100% LEL in 1% increments
		0 to 5,000 ppm in 10 ppm increments
		0 to 10,000 ppm in 20 ppm increments
	Hydrogen Sulfide (H ₂ S)	0 to 200 ppm in 1 ppm increments
	Oxygen (O ₂)	0 to 30.0% Vol in 0.1% increments
Sulfur Dioxide (SO ₂)	0 to 10.0 ppm in 0.1 increments	
Sensors	Hydrocarbons: Catalytic compensated Cl ₂ , CO, H ₂ S, NH ₃ , O ₂ , SO ₂ : Electrochemical	
Sampling Method	Sample-draw, internal pump	
Response Time	90% in 30 seconds	
	90% in 150 seconds (NH ₃)	
Accuracy	LEL: ±5% of reading O ₂ : ±0.5% Vol ppm, Cl ₂ , CO, H ₂ S, SO ₂ : ±10% of reading NH ₃ : ±20% of reading (when calibrated & maintained according to instruction manual recommendations)	
Repeatability	LEL: ±2% of reading O ₂ : ±0.2% Vol ppm, Cl ₂ , CO, H ₂ S, SO ₂ : ±5% of reading NH ₃ : ±10% of reading (when calibrated & maintained according to instruction manual recommendations)	
Operating Temperature	-20°C to 45°C	
Humidity Range	0 to 95% RH non-condensing	
Alarms	Audible & visual alarms	
Display	LCD, backlight on demand	
Power Source	Four D alkaline or Ni-Cd batteries	
Battery Life	Alkaline: 20 hours @ 20°C	
	Ni-Cd: 10 hours @ 20°C	
	Due to nature of alkaline cells, battery life is greatly reduced at low temperatures, Ni-Cd batteries are recommended for low temperature applications	
Controls	Six top-mounted buttons	
Dimensions	254mm L x 152mm H x 127mm W	
Weight	Approximately 2.25kg	
Case Material	High impact, chemical and RF Resistant, polycarbonate-polyester plastic	
Intrinsic Safety Rating	SAA*, UL and CSA approved Class 1, Division 1, Groups A, B,C, & D	
Warranty	One year materials & workmanship	
Optional Accessories	Storage case Auxiliary hydrophobic filter Dilution fitting	
	Extra length hoses, up to 30 metres Data Retrieval Kit Confined Space Kit	
	Calibration Kit 76cm probe Remote buzzer	
	Battery charger (220 VAC, 115 VAC, 12 VDC)	
	* Pending	



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