

GT CO₂

Portable Gas Monitor For CO₂



Thermo GasTech's GT Series of portable gas monitors are designed to protect workers from hazardous gases at industrial work sites. Our GT CO₂ monitor is configured to detect carbon dioxide, hydrocarbons in the LEL/ppm range, oxygen content and carbon monoxide or hydrogen sulfide.

Optional Accessories

- Confined space kit
- Auxiliary hydrophobic filter
- Dilution fitting
- Extra length hoses, up to 100 ft.
- Data retrieval package
- Calibration kit
- Storage case
- 30 in. probe
- Float probe
- Remote buzzer
- Battery charger
(220 VAC, 115 VAC, 12 VDC)

Features

- 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 to sample from remote areas
- Highly descriptive LCD display
- Monitors hydrocarbons in LEL or ppm ranges, as a standard
- Built-in datalogger
- Weighs only five lbs.
- Microprocessor electronics and convenient top-mounted switches, make operation and calibration simple
- Interchangeable, "D" size NiCd or alkaline batteries
- Easy battery and sensor replacements, as is basic calibration
- Audible and visual alarms

DISTRIBUTED AND SERVICED BY:

A-L COMPRESSED GASES INC.
2233 NW 23RD AVE. • PORTLAND, OREGON 97210 USA
Tel: 503.226.0582 • Fax: 503.226.0988
Email: sales@alcompressedgases.com • www.alcompressedgases.com

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GT CO₂

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Specifications

Sensors:	CO ₂ : Infrared
	Hydrocarbons: Catalytic compensated
	O ₂ , CO, H ₂ S: Electrochemical
Sample Method:	Sample-draw, internal pump
Response Time:	90% in 30 seconds
Accuracy:	LEL: ± 5% of reading ppm, CO, CO ₂ , H ₂ S: ± 10% of reading O ₂ : ± 0.5% Vol.
Repeatability:	LEL: ± 2% of reading ppm, CO, CO ₂ , H ₂ S: ± 5% of reading O ₂ : ± 0.2% Vol.

Environmental

Operating Temp:	20°F to 104°F (-7°C to 40°C)
Humidity:	0 to 95% RH, non-condensing

User Interface

Alarms:	<ul style="list-style-type: none">• user defined, programmable alarm levels• latching or self-resetting modes• low battery, low flow, or sensor failure	<ul style="list-style-type: none">• two levels of alarm with audible and visual indication to warn of unsafe gas levels• TWA, STEL are programmable, but initially factory set
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LCD display:	<ul style="list-style-type: none">• real-time gas concentrations• date & time• battery capacity• alarm set points	<ul style="list-style-type: none">• backlight on demand• log remaining hours• TWA, STEL, minimum & maximum readings
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Controls:	Six top-mounted buttons
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Power

Power Source:	Four "D" alkaline or NiCd batteries
Battery Life:	7 hours at 70°F (21°C) Due to the nature of alkaline cells, battery life is greatly reduced at low temperatures. NiCd batteries are recommended for low temperature applications.

Construction

Dimensions:	10 in. (254 mm) L x 6 in. (152 mm) H x 5 in. (127 mm) W
Weight:	5 lbs. (2.25 kg)
Case Materials:	High impact, chemical and RF resistant, polycarbonate-polyester plastic

Warranty

One year (materials and workmanship)

Gas	Formula	Standard Range
Carbon Dioxide	CO ₂	0 to 5.00% Vol. in 0.05% increments or 0 to 20.0% Vol. in 0.1% increments
Carbon Monoxide	CO	0 to 300 ppm in 1 ppm increments
Hydrocarbons		0 to 100 % LEL in 1% 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

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