

1 Instrument 7 Applications



GTTM Series

Five instruments measuring ppm, %LEL, %Vol methane gas as standard, with combinations including O₂, CO and H₂S

- Manual and automatic datalogging
- Loud audible and high visual 'ticker' (Geiger) on ppm range
- Integral flashlight
- Alkaline or rechargeable battery options
- Charging via simple power cable or docking station
- Rugged polycarbonate case, sealed to IP54

Bump Test & Calibration Station

- Simple user interface
- Full bump test and calibration options
- Bump test and calibration results storage
- Robust construction



Detection, Protection, Innovation



GMI. CONFIDENCE WHERE SAFETY IS CRITICAL. Gas Measurement Instruments designs, manufactures and markets a wide range of the highest quality proven personal portable and fixed gas monitoring systems. GMI is an international brand with a worldwide network of distributors and dedicated service centers ensuring fast and effective turnaround on instrument calibration and repair. Our uncompromising engineering excellence, established in over half a century of leadership, enables us to meet the exacting demands of industries where safety is critical. By building and maintaining strong relationships with our customers, GMI understands the unique challenges of the diverse markets we serve. Today, our proud heritage of pioneering gas leak monitors and detectors is shaping the future of GMI.



GT™ Series

7 Application Modes

1. **Leak Test Mode** measures methane in three different distinct ranges (ppm/LEL/%Volume). Autoranging between all three ranges, audible, visual, and geiger alarms, and ergonomic design allows for easy one handed operation. Also ideal for carbon monoxide investigations.
2. **Confined Space Mode** measures up to 4 gases (O₂, LEL, CO, H₂S) simultaneously with audible visual alarms, datalogging, and min/max values.
3. **Barhole Mode** for testing underground gas leaks. In this mode the GT measures gas beginning in the LEL range and autoranges to % Volume. Barhole probe included with instrument.
4. **Carbon Monoxide Mode** measures CO directly in ppm. Menu items for air free CO (O₂ correction) when fitted with an O₂ sensor, and differential CO.
5. **Purge Mode** for measuring methane from 0-100% Volume in inert atmospheres.
6. **Sniffer Mode** enables rapid leak detection by measuring methane from 0-10,000ppm with the semi-conductor fitted at the end of the flexi probe. Audible/visual geiger allows for easy pinpointing of leaking pipes.
7. **Pressure Mode** measures from 0-60" of water column via a pressure sensor on the back of the instrument. Ideal for tightness tests on gas systems up to 2 PSI.

GT 40 SERIES SENSOR SPECIFICATIONS

GAS	RANGE	INCREMENTS	SENSOR TYPE
O ₂	0-25%	0.1%	Electrochemical
CO	0-2000ppm	1ppm	Electrochemical
H ₂ S	0-100ppm	1ppm	Electrochemical
Dual Tox (CO/H ₂ S)	0-2000ppm / 0-100ppm	1ppm	Electrochemical
CH ₄	0-10,000ppm	1ppm	Semiconductor
CH ₄	0-100% LEL	1%	Catalytic Bead
CH ₄	0-100% Volume	1%	Thermal Conductivity Sensor

ORDERING INFORMATION AND ACCESSORIES

67401	GT 40 PPM/%LEL/%V GAS/CO
67411	GT 41 PPM/%LEL/%V GAS/O ₂
67421	GT 42 PPM/%LEL/%V GAS/CO/O ₂
67431	GT 43 PPM/%LEL/%V GAS/CO/H ₂ S/O ₂
67441	GT 44 PPM/%LEL/%V GAS ONLY
	Carry Case included with the above as standard
12480	14" Probe Solid End
67259	Box of 4 Hydrophobic Filters
67095	Wrist Strap
12712	2ft Sample Tubing
67112	User Manual
67114	Calibration Certificate
67115	GT Configuration Report
67130	Quick Op Guide

ADDITIONAL ACCESSORIES

67102Q	Docking station for use with mixed gases
67109Q	Docking station for use with single gases
67160	Configuration and field calibration manual (cd rom)
66206	12V/24V vehicle charger
67101	Charging station (including power supply)
67259	Box of 4 hydrophobic probe filters
67185	SS probe for flue testing 24"
67163	Box of 30 dust filters
	Additional accessories and instrument options available. Please contact your local distributor or GMI USA for more information

GT 40 TECHNICAL SPECIFICATIONS

Size:	11.4 x 3.7 x 1.7" / 290 x 95 x 43 mm
Weight:	1.7 lbs / 0.78 kg with probe and batteries
Humidity:	0-98% non condensing
Alarms:	High visibility LEDs on both sides of instrument 85 db audible alarm All alarms user programmable via password protected menu
Battery:	3 C batteries –LR14 alkaline or rechargeable
Battery Life:	Minimum 8 hours continuous alkaline or rechargeable
Enclosure:	High impact polycarbonate ABS blend
Rating:	IP54 (Dust protected and splashproof)
Approvals:	UL 913 Class I, Div 1, Groups C, D CSA Class 1 Groups ABCD C22.2 No. 152
IECEX:	Ex iad IIB T3
Warranty:	2 years



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