



GT Series

1 Instrument. 7 Applications



The GT Series, Portable Gas Detection range of instruments combine quality, ruggedness and advanced technology in a user friendly, hand-held gas detector.

Bump Test & Calibration Station

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



Features

- PPM, LEL and Volume Methane flammable gas ranges for leak detection
- 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



GT Series

Ordering Information

Sensor Specification

Gas	Range	Increments	Sensor Type
O ₂	0 - 25 %	0,1 %	Electrochemical
CO	0 - 2000 ppm	1 ppm	Electrochemical
H ₂ S	0 - 100 ppm	1 ppm	Electrochemical
Dual Tox (CO/H ₂ S)	0 - 2000 ppm/ 0 - 100 ppm	1 ppm	Electrochemical
CH ₄	0 - 10 000 ppm	1 ppm	Semiconductor
CH ₄	0 - 100 % LEL	1 %	Catalytic Bead
CH ₄	0 - 100 % Volume	1 %	Thermal Conductivity Sensor
Water Gauge	0-60in. H ₂ O or 0 to 150 mBar	0.1in. 1 mBar	Differential Pressure Transducer

Accessories

67108	Carrying Case
67259	Hydrophobic Probe Filter (box of 4, use with s/w v2.04 or older)
67213	Hydrophobic Probe Filter (use with s/w v2.05 or newer)
12480	35cm. (14ins) Solid End Probe
12393	80cm. (32ins) S/End (Barhole) Probe
67185	60cm. (24ins) Stainless Steel (Flue) Probe
13936	Carbon (Balston) Filter
67142	»Chemical Filter Assy.
67205	Colour Indicated Silica Gel - Bottle
67270	NO _x Absorber - Bottle (for 67142)
67148	Granular Charcoal
12712	Sample Line (Tygon) - per metre
67196	Cotton Filter Holder
10077	Cotton Filter - Box of 10 (for 67196)
67163	Dust Filter - Box of 30
67095	Wrist Strap
67120	Protective Rubber Boot
67134	Standard Charger (Universal Plug)
66206	12V / 24V Vehicle Charger
67101	Charging Station
67102	Auto Calibration Station 6mm fittings (Mixed Gases)
67102Q	Auto Calibration Station 1/4" fittings (Mixed Gases)
67109	Auto Calibration Station 6mm fittings (Indiv. Gases)
67109Q	Auto Calibration Station 1/4" fittings (Indiv. Gases)
12988	12V Vehicle Pwr. Sply. (for 67101 / 02 / 09)
67281	Wall Mount Storage Clip
67202	Pressure Tubing Connector
67238	GTCAL System Package
67164	GT Data Downloading Package
67216	GT Set-up Software Package

For a comprehensive list of probes, accessories and calibration gases, contact your local distributor, or alternatively, GMI Ltd.

Technical Specification

Dimensions	290 x 95 x 43 mm / 11.4 x 3.7 x 1.7" (Excl. Probe)
Weight	0.78 kg / 1.7 lbs (Incl. Probe and Batteries)
Display	LCD with backlighting
Humidity	0-95% non condensing
Alarms	High visibility LEDs on both sides of instrument 85 db audible alarm All alarms user programmable via password protected menu
Sampling	Integral pump with pressure sensor for flow fail detection. Sample path is protected by a hydrophobic filter. Response Time T ₉₀ < 30 seconds.
Battery	3 'C' type batteries – LR14 alkaline or rechargeable
Battery Life	» 8 hours continuous alkaline or rechargeable
Construction	High impact polycarbonate ABS blend
Rating	IP54 (Dust protected and splashproof)
Certification	UL 913 Class I, Div 1 Groups C, D CSA Class I, Division 1, Groups C and D C22.2 N° 152 SIRA05 ATEX II 2G EEx ia d IIB T3 IECEx Ex ia d IIB T3
Warranty:	2 years

Ordering Information

(C) prefix	Required for orders placed in all countries except USA and Argentina
Instrument Only	
(C)67400	GT 40 PPM / %LEL / %Vol GAS / CO
(C)67410	GT 41 PPM / %LEL / %Vol GAS / O ₂
(C)67420	GT 42 PPM / %LEL / %Vol GAS / CO / O ₂
(C)67430	GT 43 PPM / %LEL / %Vol GAS / CO / O ₂ / H ₂ S
(C)67440	GT 44 PPM / %LEL / %Vol GAS ONLY
Note: Above instruments supplied with - User Handbook ; Quick Op. Instructions ; Calibration Certificate ; Configuration Report.	
Instrument c/w Case & Accessories	
(C)67401	GT 40 PPM / %LEL / %Vol GAS / CO
(C)67411	GT 41 PPM / %LEL / %Vol GAS / O ₂
(C)67421	GT 42 PPM / %LEL / %Vol GAS / CO / O ₂
(C)67431	GT 43 PPM / %LEL / %Vol GAS / CO / O ₂ / H ₂ S
(C)67441	GT 44 PPM / %LEL / %Vol GAS ONLY
Note: Above instruments supplied in a carrying case with - Solid End Probe ; Probe Filter (Box of 4) ; Wrist Strap ; 0.5 Metre (20ins) Tygon Sample Line ; User Handbook ; Quick Op. Instructions ; Calibration Certificate ; Configuration Report ; Protective Rubber Boot (USA / Argentina Only).	

* Without probe.
Complies to standards: BS EN / IEC 60079-29-1, BS EN 45544, BS EN 50104, CSA 22.2 No. 152, ANSI / ISA 12.13.01

As an ISO 9001 approved company, Gas Measurement Instruments quality assurance programmes demand the continuous assessment and improvement of all GMI products. Information in this leaflet could thus change without notification and does not constitute a product specification. Please contact GMI or their representative if you require more details.



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