

# 1 Instrument 7 Applications

## GT™ Series

The GT range of instruments combine quality, ruggedness and advanced GMI Technology in a user friendly, hand held gas detector.

- 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

## Bump Test & Calibration Station

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



Leak Test ♦ Confined Space ♦ Barhole ♦ Carbon Monoxide ♦ Purge ♦ Sniffer ♦ Pressure

### 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

SENSOR SPECIFICATION			
GAS	RANGE	INCREMENTS	SENSOR TYPE
O <sub>2</sub>	0-25%	0.1%	Electrochemical
CO	0-2000ppm	1ppm	Electrochemical
H <sub>2</sub> S	0-100ppm	1ppm	Electrochemical
Dual Tox (CO/H <sub>2</sub> S)	0-2000ppm/0-100ppm	1ppm	Electrochemical
CH <sub>4</sub>	0-10,000ppm	1ppm	Semiconductor
CH <sub>4</sub>	0-100% LEL	1%	Catalytic Bead
CH <sub>4</sub>	0-100% Volume	1%	Thermal Conductivity Sensor
Water Gauge	0-60in. H <sub>2</sub> O or 0 to 150 mBar	0.1 in. 1 mBar	Differential Pressure Transducer

ACCESSORIES	
<b>67108</b>	Carrying Case
<b>67259</b>	Hydrophobic Probe Filter (box of 4, use with s/w v2.04 or older)
<b>67213</b>	Hydrophobic Probe Filter (use with s/w v2.05 or newer)
<b>12480</b>	35cm. (14ins) Solid End Probe
<b>12393</b>	80cm. (32ins) S/End (Barhole) Probe
<b>67185</b>	60cm. (24ins) Stainless Steel (Flue) Probe
<b>13936</b>	Carbon (Balston) Filter
<b>67142</b>	Chemical Filter Assy.
<b>67205</b>	Colour Indicated Silica Gel - Bottle
<b>67270</b>	NOx Absorber - Bottle (for 67142)
<b>67148</b>	Granular Charcoal
<b>12712</b>	Sample Line (Tygon) - per metre
<b>67196</b>	Cotton Filter Holder
<b>10077</b>	Cotton Filter - Box of 10 (for 67196)
<b>67163</b>	Dust Filter - Box of 30
<b>67095</b>	Wrist Strap
<b>67120</b>	Protective Rubber Boot
<b>67134</b>	Standard Charger (Universal Plug)
<b>66206</b>	12V / 24V Vehicle Charger
<b>67101</b>	Charging Station
<b>67102</b>	Auto Calibration Station 6mm fittings (Mixed Gases)
<b>67102Q</b>	Auto Calibration Station 1/4" fittings (Mixed Gases)
<b>67109</b>	Auto Calibration Station 6mm fittings (Indiv. Gases)
<b>67109Q</b>	Auto Calibration Station 1/4" fittings (Indiv. Gases)
<b>12988</b>	12V Vehicle Pwr. Sply. (for 67101 / 02 / 09)
<b>67281</b>	Wall Mount Storage Clip
<b>67202</b>	Pressure Tubing Connector
<b>67238</b>	GTCAL System Package
<b>67164</b>	GT Data Downloading Package
<b>67216</b>	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	
<b>Dimensions:</b>	290 x 95 x 43 mm / 11.4 x 3.7 x 1.7" (Excl. Probe)
<b>Weight:</b>	0.78 kg / 1.7 lbs (Incl. Probe and Batteries)
<b>Display:</b>	LCD with backlighting
<b>Humidity:</b>	0-95% non condensing
<b>Alarms:</b>	High visibility LEDs on both sides of instrument 85 db audible alarm All alarms user programmable via password protected menu
<b>Sampling:</b>	Integral pump with pressure sensor for flow fail detection. Sample path is protected by a hydrophobic filter. Response Time T90 < 30 seconds.
<b>Battery:</b>	3 'C' type batteries – LR14 alkaline or rechargeable
<b>Battery Life:</b>	8 hours continuous alkaline or rechargeable
<b>Construction:</b>	High impact polycarbonate ABS blend
<b>Rating:</b>	IP54 (Dust protected and splashproof)
<b>Certification:</b>	<div>  UL 913 Class I, Div 1, Groups C, D   CSA Class I, Groups C, D C22.2 No. 152   SIRA05 ATEX II 2G EEx iad IIB T3  IECEx Ex iad IIB T3 </div>
<b>Warranty:</b>	2 years

ORDERING INFORMATION	
<b>(C) prefix</b>	Required for orders placed in all countries except USA and Argentina
<b>Instrument Only</b>	
<b>(C)67400</b>	GT 40 PPM / %LEL / %V GAS / CO
<b>(C)67410</b>	GT 41 PPM / %LEL / %V GAS / O <sub>2</sub>
<b>(C)67420</b>	GT 42 PPM / %LEL / %V GAS / CO / O <sub>2</sub>
<b>(C)67430</b>	GT 43 PPM / %LEL / %V GAS / CO / O <sub>2</sub> / H <sub>2</sub> S
<b>(C)67440</b>	GT 44 PPM / %LEL / %V GAS ONLY
<i>Note: Above instruments supplied with - User Handbook ; Quick Op. Instructions ; Calibration Certificate ; Configuration Report.</i>	
<b>Instrument c/w Case &amp; Accessories</b>	
<b>(C)67401</b>	GT 40 PPM / %LEL / %V GAS / CO
<b>(C)67411</b>	GT 41 PPM / %LEL / %V GAS / O <sub>2</sub>
<b>(C)67421</b>	GT 42 PPM / %LEL / %V GAS / CO / O <sub>2</sub>
<b>(C)67431</b>	GT 43 PPM / %LEL / %V GAS / CO / O <sub>2</sub> / H <sub>2</sub> S
<b>(C)67441</b>	GT 44 PPM / %LEL / %V GAS ONLY
<i>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).</i>	



Inchinnan Business Park  
Renfrew  
PA4 9RG  
Scotland  
Tel: +44 (0) 141 812 3211  
Fax: +44 (0) 141 812 7820  
sales@gmiuk.com  
www.gmiuk.com

4055 Technology Forest Blvd  
The Woodlands, TX 77381  
Tel: (713) 559-9290  
Toll free: (877) 421-5315  
Fax: (281) 292-2860  
sales@detcon.com  
www.detcon.com

©2009 Gas Measurement Instruments Ltd.

GT product brochure Part No. 99312  
Issue 11 May 2015

## Distributed by:

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.