



## 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 <sub>2</sub>                 | 0 - 25 %                                     | 0,1 %            | Electrochemical                  |
| CO                             | 0 - 2000 ppm                                 | 1 ppm            | Electrochemical                  |
| H <sub>2</sub> S               | 0 - 100 ppm                                  | 1 ppm            | Electrochemical                  |
| Dual Tox (CO/H <sub>2</sub> S) | 0 - 2000 ppm/<br>0 - 100 ppm                 | 1 ppm            | Electrochemical                  |
| CH <sub>4</sub>                | 0 - 10 000 ppm                               | 1 ppm            | 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<br>0 to 150 mBar | 0.1in.<br>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 <sub>x</sub> 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<br>85 db audible alarm<br>All alarms user programmable via password protected menu                             |
| Sampling      | Integral pump with pressure sensor for flow fail detection.<br>Sample path is protected by a hydrophobic filter.<br>Response Time T <sub>90</sub> < 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<br>CSA Class I, Division 1, Groups C and D C22.2 N° 152<br>SIRA05 ATEX II 2G EEx ia d IIB T3<br>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 <sub>2</sub>                         |
| (C)67420                                                                                                                                                                                                                                                                                            | GT 42 PPM / %LEL / %Vol GAS / CO / O <sub>2</sub>                    |
| (C)67430                                                                                                                                                                                                                                                                                            | GT 43 PPM / %LEL / %Vol GAS / CO / O <sub>2</sub> / H <sub>2</sub> 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 <sub>2</sub>                         |
| (C)67421                                                                                                                                                                                                                                                                                            | GT 42 PPM / %LEL / %Vol GAS / CO / O <sub>2</sub>                    |
| (C)67431                                                                                                                                                                                                                                                                                            | GT 43 PPM / %LEL / %Vol GAS / CO / O <sub>2</sub> / H <sub>2</sub> 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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