

GT Series

1 Instrument. 7 Applications

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

It has been designed for the gas industry, satisfying all the needs of service technicians within a single unit.



Features

- Seven modes of operation:
 - Leak test
 - Confined Space Entry
 - Barhole Testing
 - Carbon Monoxide
 - Purge
 - Sniffer
 - Pressure Leak Tightness
- Methane leak detection from PPM to Volume gas with ultrafast ppm response
- Optional O₂, CO and H₂S ranges
- Manual and automatic datalogging
- 'Ticker' (Geiger) indicator on ppm range (visual and audible)
- Flashlight and pressure range

Bump Test & Calibration Station

Easy to use Test & Calibration Station for the GT Series. Provides a quick and efficient way to support your fleet of instruments. The station is easy to set up and with FlexiCal Plus software you can collect test records and create certificates.



Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

For pricing or any further information, please contact Omni Instruments Ltd.

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
Water Gauge	0-60in. H ₂ O or 0 to 150 mBar	0.1 in. 1 mBar	Differential Pressure Transducer

Accessories

67108	Carrying Case
67213	Hydrophobic Probe Filter (use with software v2.05 or newer)
12480	35cm. (14ins) Solid End Probe
12393	80cm. (32ins) Solid End (Barhole) Probe
67185	60cm. (24ins) Stainless Steel (Flue) Probe
13936	Carbon (Balston) Filter
67142	Chemical Filter Assembly
67205	Colour Indicated Silica Gel - Bottle
67270	NOx 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
67109	Auto Calibration Station 6mm fittings (Individual Gases)
67109Q	Auto Calibration Station 1/4" fittings (Individual Gases)
12988	12V Vehicle Power Supply (for 67101 / 02 / 09)
67281	Wall Mount Storage Clip
67202	Pressure Tubing Connector
67238	GTAL System Package
67216	GT Set-up Software Package

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

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
Datalogging	1 week @ 1 minute interval (assuming a 7hr of operation per day)
Sampling	Integral pump with pressure sensor for flow fail detection. Sample path is protected by a hydrophobic filter. Response Time T90 < 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 ATEX II 2G EEx ia d IIB T3 IECEx Ex ia d IIB T3 CPA
Warranty	2 years

Ordering Information

Instrument only	
C67400	GT 40 - PPM / %LEL / %Vol GAS / CO
C67410	GT 41 - PPM / %LEL / %Vol GAS / O ₂
C67420	GT 42 - PPM / %LEL / %Vol GAS / CO / O ₂
C67430	GT 43 - PPM / %LEL / %Vol GAS / CO / O ₂ / H ₂ S
C67440	GT 44 - PPM / %LEL / %Vol GAS

Above instruments are supplied with:

- Quick operation instructions
- Calibration certificate
- Configuration report

Instrument with case & accessories	
C67401	GT 40 - PPM / %LEL / %Vol GAS / CO
C67411	GT 41 - PPM / %LEL / %Vol GAS / O ₂
C67421	GT 42 - PPM / %LEL / %Vol GAS / CO / O ₂
C67431	GT 43 - PPM / %LEL / %Vol GAS / CO / O ₂ / H ₂ S
C67441	GT 44 - PPM / %LEL / %Vol GAS

Above instruments are supplied in a carry case with:

- Solid end probe
- Probe filter (box of 4)
- Wrist strap
- 0.5m (20in) of Tygon sample line
- Protective rubber boot
- Quick operation instructions
- Calibration certificate
- Configuration report

Note: Remove "C" prefix for all orders for USA and Argentina.

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