

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 O<sub>2</sub>, CO and H<sub>2</sub>S ranges
- ✓ Manual and automatic data-logging
- ✓ Ticker (Geiger) indicator on ppm range (visual and audible)
- ✓ Flashlight and pressure range



GT Series

## BUMP TEST & CALIBRATION

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.



## SENSOR SPECIFICATIONS

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### General

Weight  
1.7 lbs./78 kg with probe and batteries

Size  
11.4 x 3.7 x 1.7" / 290 x 95 x 43mm (excluding probe)

Display  
LCD with back-lighting

Humidity  
0-95% non-condensing

Construction  
High impact polycarbonate ABS blend

### Alarms

High visibility LEDs on both sides of instrument  
85 db audible alarm  
All alarms user programmable via password protected menu

### Data Logging

1 week @ 1 minute intervals (assuming 7hrs of operation per day)

### Power

Battery  
3 'C' type batteries – LR14 alkaline or rechargeable

Battery Life  
8 hours continuous alkaline or rechargeable

### Sampling

Detection Method  
Integral pump with pressure sensor for flow fail detection  
Sample path is protected by a hydrophobic filter  
Response time T90<30 seconds

### Regulatory

Instrument Protection  
IP54 (water splash and dust resistant)

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

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 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% Vol.	1%	Thermal Conductivity
Water Gauge	0-60" H <sub>2</sub> O or 0-150 mBar	0.1" 1 mBar	Differential Pressure Transducer

## ORDERING DETAILS

22067401	GT40 PPM/%LEL/%V GAS/CO
22067411	GT 41 PPM/%LEL/%V GAS/O <sub>2</sub>
20674212	GT 42 PPM/%LEL/%V GAS/CO/O <sub>2</sub>
22067431	GT 43 PPM/%LEL/%V GAS/CO/H <sub>2</sub> S/O <sub>2</sub>
22067441	GT 44 PPM/%LEL/%V GAS ONLY
22167102	Docking station for use with mixed blend gases
22167109	Docking station for use with single blend gases
66206----	12V/24V vehicle charger
22167101	Charging station (including power supply)
22167259	Box of 4 hydrophobic probe filters
22167185	SS probe for flue testing 24"

Additional accessories and instrument options available.

Instruments are supplied in a carrying case with:

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

