

# GT-Fire

Portable Gas Detector



## Gas detection designed for firefighters

The GT-Fire is a dedicated hand-held gas detection meter specialized for the fire industry.

GT-Fire provides the confidence and assurance required by fire fighters when called to safety-critical environments.

The GT-Fire enables gas detection to be conducted via one instrument in a complete, professional and timely manner, with easy access to data simplifying the reporting process.

## Features

- User-friendly instrument with simple interface
- Ergonomic design that is easy to operate
- Visual and audible assistance to support investigation
- PPM & LEL flammable gas ranges for leak detection
- Manual and automatic datalogging
- Loud audible and high visual 'ticker' (Geiger) on ppm range
- Integral flashlight
- Rugged polycarbonate case

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 <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

## Accessories

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	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

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

## GT-Fire Capability

	GT-Fire 50	GT-Fire 51	GT-Fire 52	GT-Fire 53	GT-Fire 54
Flammable PPM	✓	✓	✓	✓	✓
Flammable LEL		✓	✓	✓	✓
Carbon monoxide (CO)			✓	✓	✓
Oxygen (O <sub>2</sub> )				✓	✓
Hydrogen Sulfide (H <sub>2</sub> S)					✓

## 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 T90 < 30 seconds
Battery	3 'C' type batteries – LR14 alkaline
Battery Life	8 hours continuous alkaline
Construction	High impact polycarbonate ABS blend
Rating	IP54 (Dust protected and splashproof)
Certification	Certification UL 913 Class I, Div 1 Groups C, D SIRA05 ATEX II 2G EEx iad IIB T3 IECEX Ex iad IIB T3
Warranty	2 years

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