

Frequently Asked Questions

Q. What gases and ranges can be detected with the GT-Fire?

A. The GT-Fire can detect the following gas and ranges:

- Flammable Hydrocarbons 0-10,000 ppm
- Flammable low Explosive Limits 0-100% LEL
- Oxygen (O₂) 0-25%
- Carbon Monoxide (CO) 0-2000 ppm
- Hydrogen Sulphide (H₂S) 0-100 ppm

Q. What gas concentrations are used to bump/calibrate the GT-Fire?

A. Model Dependent (if sensor equipped):

- 800ppm Methane (CH₄)
- 50%LEL Methane (CH₄)
- 100ppm Carbon Monoxide (CO)
- 18% Oxygen (O₂)
- 25ppm Hydrogen Sulphide (H₂S)

Q. What style of regulator do you use?

A. Demand Flow Regulator.

Q. What software is included with a new instrument?

A. The following software is included with the purchase of a new instrument supplied via USB stick:

- GT-Fire Cal software package including IR adapter
- GT-Fire Datalogging software package

Q. What are the recommended intervals for bump testing and calibrating?

A. Bump Testing should be completed once before each day's usage, if result is a fail, please perform a calibration.

Calibration should be completed once every 6 months or 12 months.

Q. What is the warranty period?

A. The GT-Fire instrument has a warranty against faulty goods or workmanship of 2 years. Consumable parts such as filters are not included.

Q. What is the main application/function of the GT-Fire?

A. The GT-Fire has been developed to support firefighters called to attend scenes where the smell of gas has been reported or an alarm has been triggered which requires further investigation.

The GT-Fire is a leak detection/investigation instrument covering PPM & LEL flammable ranges. The GT-Fire can also be used to detect CO and H₂S should this be required, as well as offering O₂ sensor to ensure safety.

Q. What differentiates the GT-Fire from other portable 4-Gas instruments such as the PS200?

A. GT-Fire's primary function is methane leak detection and thus different from 4-gas monitors that have been designed for personal safety purposes. Although the PS200 does have an internal pump this was designed to allow quick entry checking rather than thorough professional leak investigation as provided by the GT-Fire.

Other differentiators are as follows:

- PPM Detection – GT-Fire detects gasses in lower concentrations of PPM flammable gases than the standard 4-gas monitors meaning its more sensitive and ensuring pinpoint accuracy during investigations
- Form Factor GT-Fire is a handheld instrument, whereas a personal monitor has been designed to be worn in your breathing zone during use.

Q. Can you interchange between alkaline & rechargeable batteries?

A. The GT-Fire comes with size 3 'C' alkaline batteries as standard will last approximately 8 hours of continuous operation. The GT-Fire can also accommodate 3 'C' rechargeable batteries, Teledyne GMI can supply a power supply for charging – part number 67134.

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