

Q. How does the Pipeline Gas Test work?

A. Natural gas consists primarily of methane and other hydrocarbons. The composition of the natural gas determines the response of the sensor. A simple indication on the display will show if the gas detected is not from a pipeline (biogas).

Q. Does the Pipeline Gas Test cost extra?

A. Yes. The pipeline gas test is an optional extra and should be specified when the instrument is ordered.

Q. What level of natural gas is required in order to perform the Pipeline Gas Test?

A. A result can be achieved when the reading is >20% LEL.

Q. How long does the Pipeline Gas Test take?

A. A decision can take place in a matter of seconds, but may take longer if the gas concentration is low.

Q. Do you need to calibrate the Pipeline Gas Test range?

A. An instrument calibrated for methane (LEL/VOL) requires to be zeroed and calibrated using 100% CH₄. For better results, during operation the zero button on the instrument can be used, provided the instrument is sampling in clean air.

Q. What benefits does an IR sensor have?

A. There are many benefits including:

- » Not being susceptible to poisoners and inhibitors
- » No oxygen required for low level (LEL) readings
- » More gas specific than thermal conductivity (i.e. CO₂, argon, N₂ won't affect reading)

Q. What do I need to be aware of with an IR sensor?

A. IR sensors are not 100% specific to one flammable gas. Although calibrated for a specific hydrocarbon, it may react to other hydrocarbon gases. The recommendation is always to calibrate using the target gas.

Q. Can a Gasurveyor 700 (GS700) have a gas range, GPS or Bluetooth, added or removed easily?

A. No. The instrument is not plug 'n' play.

Q. Is there a semiconductor probe accessory?

A. Yes. An alternative to sampling faster is to bring the sensor closer to the (potential) leak. This can be done with the semiconductor external probe connecting electronically to the GS700. Note that this connector cannot be retrofitted.

Q. Can the hydrocarbon sensor be changed from reading methane to propane by a local user or will it have to be recalibrated?

A. It can be changed, but will have to be recalibrated. Note that the Pipeline Gas Test only works if the target gas is methane.

Q. Is the GS700 compatible with existing GDUnet's?

A. Existing GDUnet's are not compatible with the GS700. A conversion kit is required (GMI part number - 49399). All GDUnet's shipped after 30th August 2016 will be GS700 compatible.

Q. Is the GS700 compatible with flexiCal Plus?

A. Yes. From flexiCal Plus software v.1.2.0.0. A GDUnet can then be used (if converted) or for manual gas application with an IrDA Adaptor (GMI part number - 48104).

Q. Is the GS700 compatible with IMS?

A. Yes. Existing IMS databases need to be updated to v. 1. 10. A converted GDUnet is also required.

Q. Are the tubing and accessories (filter handle, probe, search probe) for the GS500 product range, compatible with the GS700?

A. Yes. All accessories that are available for the GS500 also are compatible with the GS700.

Q. Why is the GS700 part number 14 characters?

A. Due to the highly configurable nature of the instrument, there are many options when ordering, e.g. gas sensors, Bluetooth, GPS, battery type, external PPM probe and accessories.

Q. What connectivity is there with the GS700?

A. There are 2 types of connectivity:

- » Infrared. Is fitted by default, and is used to communicate with a GDUnet and for datalogging transfer.
- » Bluetooth. This is an optional item, giving the choice to pair with a PC / laptop for datalogging transfer. No additional hardware is required.

Q. Is there a GPS option?

A. Yes. This is an optional item that will allow the logging of co-ordinates with gas readings and time / date stamps. GPS is dependent on multiple satellite locks. Accuracy improves as more satellites are in lock.

Q. Do rechargeable units come with charger as standard?

A. Yes. The charger and universal power supply are included if a rechargeable instrument is purchased.

Q. Is there a high speed pump option?

A. Yes. The high speed pump option can be used in Search mode, when looking for leaks. Instrument response times are reduced.

Q. What is the warranty on a GS700?

A. The GS700 has a standard warranty of 2 years on all parts (excludes consumables, e.g. filters).