



GAS TRACKER

GEO-

DETECTION

*Buries Plastic Gas Pipe Locator
without tracer wire !*



NETWORK EXPERTISE



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MADE IN
FRANCE



● GAS TRACKER 2



Plastic gas pipe locator

GasTracker™ is an instrument for locating and identifying buried plastic gas pipes.

The method used is based on the propagation of a complex acoustic wave. Thanks to the application-specific sensor and signal analysis software, it is able to locate the position and direction of a buried plastic pipe from the surface.

⇒ WHY?

Generally out-dated maps are used to locate existing gas lines. The GasTracker™ was developed to provide an easier, more efficient means to locate pipes resulting in a savings of time and money.

Manufactured in France and validated almost one decade ago by the French group GDF, it is now used on all continents. This unique signal injection method is internationally patented.



⇒ TECHNICAL CHARACTERISTICS

	Transmitter	Hand held	Listening device
Supply	Internal rechargeable batteries autonomy : approx. 5 h	Internal rechargeable batteries autonomy : approx. 8 h	Supplied by the hand-held Receiver
Weight	Transmitter case with accessories : 33 lb / 15 kg	2 lb / 0.9 kg	2 lb / 0.9 kg
Temperature range	-4°F to + 130°F / -20°C to +55°C		



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**GasTracker™ helps to avoid: fines, legal liabilities, accidents, explosions, bad injuries, fatalities, unnecessary diggings, inaccurate excavations, downtime ...
so do not wait anymore and ask for a demonstration!**

➔ DESCRIPTION

Sending a complex acoustic wave ...

The transmitter, with a resonator tank, is connected to a standard meter box.

It sends the signal through the gas, vibrating it, which in turn makes vibrations in the surrounding ground.

The transmitter is easy to use with only two options : ON and OFF.



The GasTracker™ receiver, using a listening device placed on the ground and connected to a hand-held receiver, displays the results.

The receiver has two modes : Prelocate, to quickly identify the area where the pipe is buried; and Pin-point, to accurately locate where the pipe is and which direction it takes.

The GasTracker™ is fully operational in urban environments even with the associated ambient noise.

The receiver features :

- A strong design, made for the field
- A military connection
- A long-life battery pack
- A high visibility screen
- A very simple user-friendly interface:
- 3 functions : 3 buttons



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Frequently Asked Questions about the GasTracker™

How accurate is it ? Can we dig on it ?

Yes. When you are in Pin-Pointing mode, you are going to focus on the highest level of signal on the ground. By doing this at several points, you will trace an 'average line', that will be the closest to your pipe (not to say just above).

Is the GasTracker™ the only tool I need to locate gas pipes ?

No. The GasTracker™ is one tool in your tool box, but this is the only one you will need to find plastic gas pipes. For instance, it is very complementary with radar technologies that will work with difficulties on clay but will be a perfect condition for the GasTracker™.

Does it work on sheath pipes ?

No. You need a compact soil to transmit your signal to the surface. If your service is in a conduit, you will lose it quickly. But you will be able to trace it from the main for a short distance (at least you will know where the connection main/service is). It will not trace metal pipe.

Are there any possible safety issues working with the transmitter close to the gas meter box ?

No. Our Transmitter has been designed to work safely near a meter box.

Do you need to disconnect the customer's meter ?

Yes, the Resonator attaches to the service at the meter connection. But a location & pinpointing campaign can be really quick.



Is it weatherproof ?

Yes, the GasTracker™ is IP65, it can be used in rainy conditions.

How far can I locate from the Resonator ?

Depending on soil compaction, you can locate up to 500 meters (1,500 feet) in both directions.

May the signal be propagated to another pipe ?

No. We use an acoustic wave that vibrates just the gas connected to the Resonator.

What is the maximum gas pressure to use it ?

It works at normal pressure range of plastic gas pipe networks, so up to approximately 7 bars (100psi). Field tests were done at higher pressure but results are not guaranteed. We recommend to not use it above 11 bars (165 psi).

