



**NETWORKS
LOCATING**

CATALOGUE

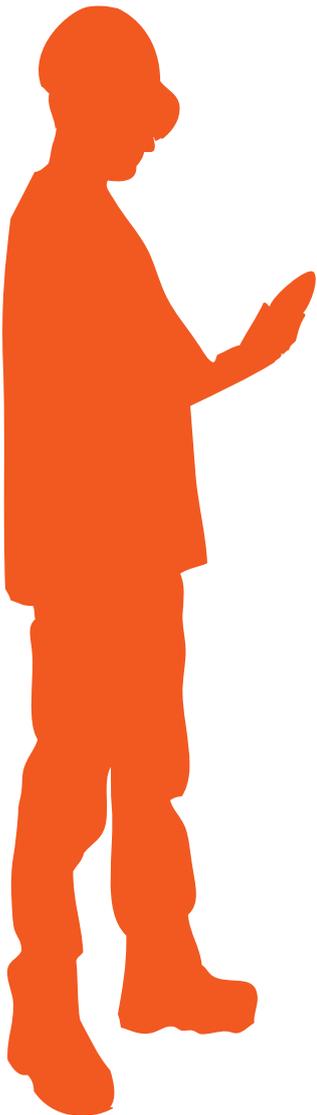


NETWORK EXPERTISE



- **GAS TRACKER2** PP. 2, 3 and 4
- **Cable Avoidance Tools :
DD120** P. 5
- **MRT-700** PP. 6 and 7

NETWORKS LOCATING



GAS TRACKER2

Plastic gas pipe locator

Gas Tracker2 is an instrument for locating and identifying buried plastic gas pipes. It is able to locate the position and direction of a buried plastic pipe from the surface. Generally out-dated maps are used to locate existing gas lines. The Gas Tracker2 was developed to provide an easier, more efficient means to locate pipes resulting in a saving of time and money.

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



➔ USE PRINCIPLE

The transmitter, thanks to 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.

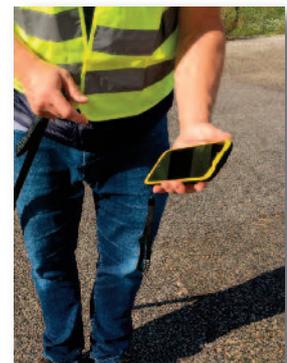
The transmitter is easy to use with only two options : ON and OFF.

The Gas Tracker 2 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 Gas Tracker 2 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

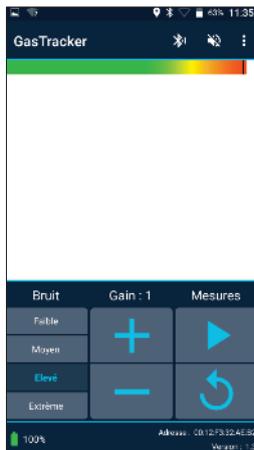


GAS TRACKER2

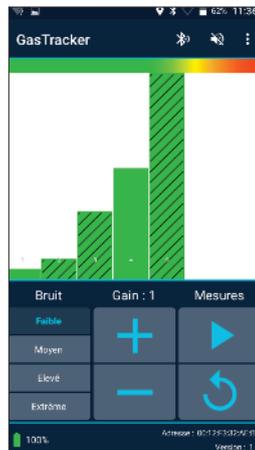
TECHNICAL SPECIFICATIONS

TRANSMITTER	RECEIVER	GROUND SENSOR
 <ul style="list-style-type: none"> Battery : Pb 2 x 7,6 Ah 12 V, Battery autonomy 4 h Automotive battery charger input 12 V External power supply (PSU) input 220 V IP 63 	 <ul style="list-style-type: none"> Tablet : Android, Bluetooth connection, Li-Ion rechargeable battery 9.6 Ah, autonomy 8 h, IP66 PDA : Windows CE, Bluetooth connectivity, Li-Ion rechargeable battery 2,4 Ah, autonomy 8 h, IP63 	 <ul style="list-style-type: none"> Powered by NiMH rechargeable battery Battery autonomy 10 h IP 63 Removable stick
Transport case dimensions : 472 x 347 x 194 mm	Transport case dimensions : 560 x 347 x 239 mm	
Temperature conditions : -20°C à +60°C, 90 % relative humidity		
Weight (approx.) : 13,5 kg	Weight (approx.) : 15,9 kg	

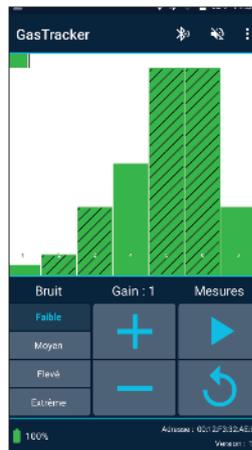
GAS TRACKER 2 SOFTWARE



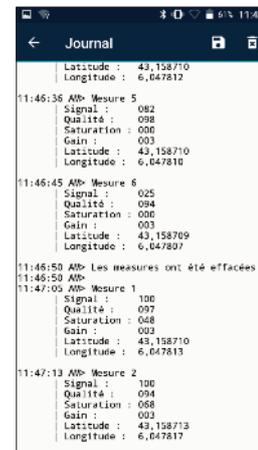
Pre locating



Pinpointing



Precision measuring



Log File

Warranty : One year

Ask us for more technicals informations

Ask for a free demonstration



GAS TRACKER2

Frequently Asked Questions about the Gas Tracker 2

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 Gas Tracker 2 the only tool I need to locate gas pipes ?

No. The Gas Tracker 2 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 Gas Tracker 2.

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 Gas Tracker 2 is IP63, it can be used in rainy conditions.

How far can I locate from the Resonator ?

Depending on soil compaction, you can locate up-wards 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).

● Cable Avoidance Tools : DD120

Reveal the utilities below your feet

The DD120 cable locators feature advanced automatic controls making the DD120 easy-to-use, requiring minimal user experience. Avoiding underground cables and pipes is a major concern on construction sites. Therefore, detecting the position of buried cables and pipes before excavation work can help prevent operator injury, asset damage risks and any subsequent costs. Use the DD120 cable locators in conjunction with a DA220 signal transmitter and/or the Digisystem accessories to achieve improved accuracy and application scope.

➤ TECHNICAL CHARACTERISTICS

- ✓ Automatic pinpointing
- ✓ Power, radio, auto modes
- ✓ Transmitter, 33 kHz, 8 kHz
- ✓ Depth detection up to 3 m
- ✓ Good-to-Go™ health check and start up test
- ✓ IP54 rating



Warranty : 1 year

Ask for a free demonstration

MRT-700

MRT-700 underground cable and pipe locator maps quickly, easily and accurately energized and de-energized MV and LV distribution networks



- ✓ 7 sensors
- ✓ Excellent locating precision
- ✓ High accuracy and definition
- ✓ 2D LCD display
- ✓ Automatic current direction
- ✓ Easy drive (intuitive performance)

➔ TECHNICAL CHARACTERISTICS

RECEIVER MRT-700



- 4 active tracing frequencies
- Frequencies : 2 sondes 8 and 33 kHz
- Passive frequencies
- Readind depth (cm) and current (mA) at the same time
- 50 Hz presence of electric network
- Automatic or manual gain level
- Compass
- Different detection modes
- Signal power
- Bluetooth connection
- Actual depth display (5 % of precision at 3 m)
- Autonomy : 10 h
- Performance : 10 km
- IP54
- Temperature range : -20°C + 55°C
- Weight : 1,5 kg

● MRT-700

GENERATOR 10 W MRT-700



- Power : 10 W
- Power : rechargeable battery Li-Ion
- Autonomy : > 10 h max power
- Weight : 3,1 kg
- Connection type : induction, direct connection, clamp
- Current display
- Available frequencies : current direction, 640 Hz, 8 kHz, 32 kHz

MRT-700 was in harmony with the standards IEC61000-6-2/61000-6-4/61010-1 CATIV

➔ OPTIONS

- Tracking cable
- Fault finding
- KLM export (Android and Apple application)
- Accessories on request

Warranty : 2 years

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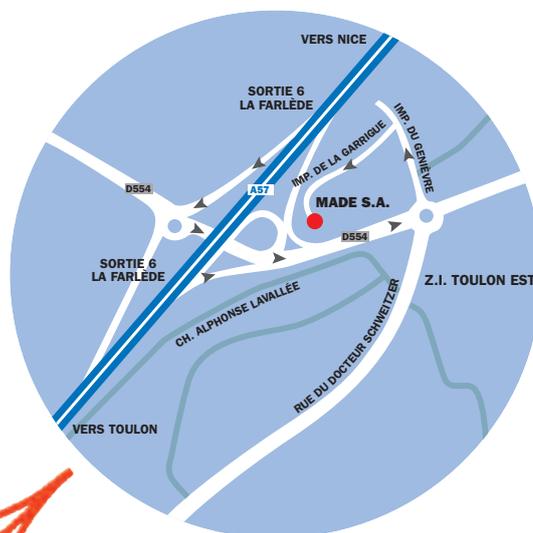
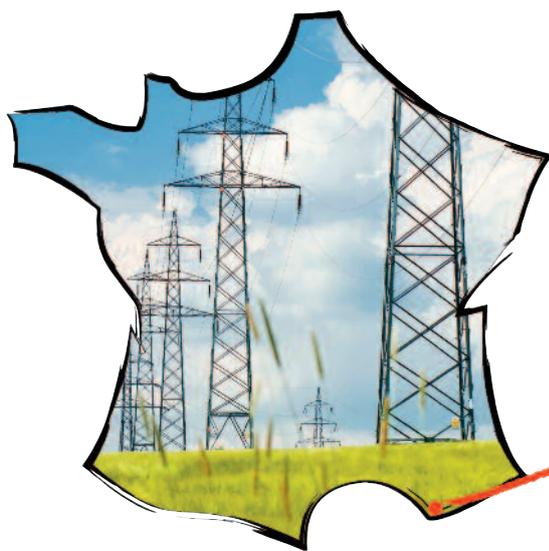
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MADE IN FRANCE



NETWORK EXPERTISE