# Plastic water pipe locator

## AQUA PL

## PRESENTATION

Aqua-PL is a dedicated equipment for detecting and pinpointing water pipes.
It is particularly aimed at plastic networks (PE, PVC).
Aqua-PL is based on the injection of an acoustic and percussive signature in the network to be detected, alongside a ground sensor used to capture the signal and accurately determine the vertical position of the pipe.
The transmitter can inject a signature from a fire hydrant or a water column or direct connection.
The receiver is a new generation of ground sensor that can achieve highly sensitive detection over a long distance.
The data collected are transmitted to a tablet and processed in real time, results are displayed graphically for an easy and user-friendly interpretation of the pipe location.
This feature makes it possible to modify the injection characteristics in real time according to the field conditions.

## BENEFITS

Aqua-PL stands out from alternative technologies (GPR, electromagnetic,.acoustic…) on the following points :
- No intrusion in the network (no insertion of push rod)
- No water outage among subscribers
- Discrimination (definitely locates the desired network)
- Detection over a long range (up to 400 meters)
- Detection of main pipe and service pipe
- Automated, ergonomic, rapid diagnostic interpretation and usable by non expert users
- Fast implementation of the injection system
- Long range coverage guaranteed thanks to direct access to water columns or fire hydrants

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## TECHNICAL FEATURES

| Transmitter | | Receiver | |
|---|---|---|---|
| Transmitter<br>• Rechargeable batterie<br>• Autonomy : 6 h<br>• Weight : 2.1 kg<br>• IP 54 | Injection accessorie :<br>• Weight : 1.4 kg<br>• IP 65 | Ground sensor<br>• Rechargeable batteries<br>• Autonomy : 6 h<br>• Weight : 1.14 kg | • IP 54<br>• Android software<br>• Results in real time |

| Transmitter bag | Receiver bag |
|---|---|
| L x W x H : 530 x 270 x 230 | L x W x H : 530 x 270 x 230 |
| Weight : 6.94 Kg | Weight : 5.84 Kg |

**Warranty : 12 months**



Ground sensor



Water column injection



Fire hydrant injection



Bags