

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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MADE • UNDERGROUND NETWORKS DETECTION



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TECHNICAL FEATURES

Transmitter		Receiver	
Transmitter <ul style="list-style-type: none"> • Rechargeable batterie • Autonomy : 6 hours • Weight : 2.1 kg • IP 54 	Injection accessorie : <ul style="list-style-type: none"> • Weight : 1,4 kg • IP 65 	Ground sensor <ul style="list-style-type: none"> • Rechargeable batteries • Autonomy : 6 hours • Weight : 1,14 kg 	<ul style="list-style-type: none"> • IP 54 • Android software • 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	



Ground sensor



Water column injection



Fire hydrant injection



Bags



VIDÉO

Warranty : 12 months



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