

DETECTON

UNIVERSAL LOCATOR



Introducing the DETECTON - for use in water, gas, electricity, construction and telecommunications industries.

The DETECTON is designed for the precise location of all underground service pipes and cables. It not only functions on metallic pipes and cables, but also allows you to trace the course of plastic, concrete, and other non-metallic pipes.

Features:

- ▶ Locates any metallic or non-metallic water pipe, e.g. MDPE, uPVC, Asbestos Cement etc.
- ▶ Locates live cables
- ▶ Visual and audible indication
- ▶ Depth indication of up to six metres

Principle of operation - Non-metallic water pipes

The signal generator is placed on the ground over (but not in contact with) the pipe. This induces a signal in the water within the non-metallic water pipe, which the DETECTON head is equipped to receive.

This water-borne signal is detectable at depths of up to 6 meters and distances of up to 100 metres from the generating source, thus enabling the course of the water pipe to be accurately plotted. The next section of pipe can simply be traced by repositioning the signal generator.

Conventional metallic pipe tracing

The DETECTON can, of course, be used for normal metal pipe route tracing. Thanks to its high power output, exceptional tracing lengths can be obtained.

Measures depth of buried service

The DETECTON can measure the depth of any service up to 6 meters or more.

Signal transmission

The DETECTON signal generator is suitable for both direct connection and contactless signal induction.

Optimum detection frequency

Different transmission frequencies can be selected so as to obtain the best tracing result.

Simple cable detection

Live cables can easily be detected with the receiver alone (without using the transmitter).

All inclusive

Supplied complete with all standard accessories, operating instructions and quality carrying case.

Technical Specifications:

Transmitter: 2400 gr (5.3 lb) 193 x 110 x 113 mm (7.7" x 4.4" x 4.5")

Receiver: 850 gr (1.8 lb) 130 x 60 x 105 mm (5.2" x 2.4" x 4.2")

Operating temperature: -10°C to +55°C (14°F to 131°F)

High frequency setting: 65.50 kHz

Low frequency setting: 1.35 kHz

Transmitter Power Output: 4.50 Watts