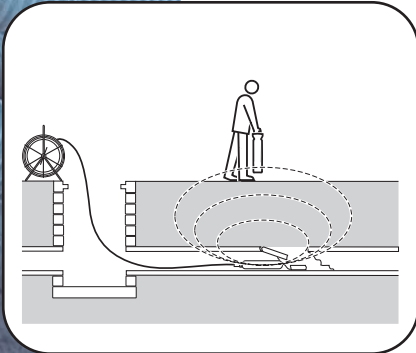


Radiodetection - RD300 Non-metallic Drain Locator

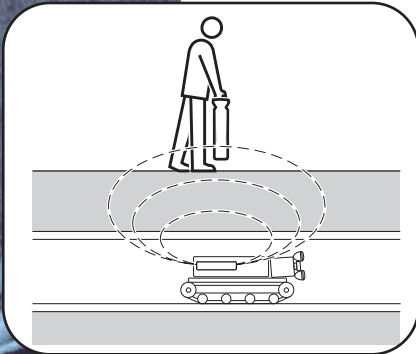
A simple tool for locating non metallic sewers, drains and ducts.

The RD300 Drain Locator comprises a hand held receiver and a transmitting sonde. The transmitting sonde is pushed, rodded, jetted or floated along the drain. It is located and pinpointed from the surface with the handheld receiver. Depth to the sonde can be read on the meter scale while pressing the depth button.



The standard transmitting sonde can be used to locate non metallic drains down to depths of 5m/16ft. Other sondes available as options can be located at depths down to 15m/49ft.

The RD300 Drain Locator can trace a complete drainage system; it is ideal for providing all the information needed for mapping.

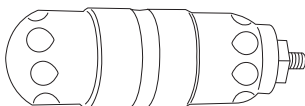


The locator finds lost sewers and pinpoints blockages or collapses.

Very simple to use. Pushbutton depth reading. Rugged construction for use in the highway or on construction sites in all weathers.



Radiodetection



The RD300 Drain Locator comprises:

Handheld receiver. The receiver is held in a comfortable standing or walking position.

The receiver indicates a peak response when the receiver is directly over and in line with the sonde. The depth pushbutton indicates depth to the sonde on the meter scale calibrated in metres or feet.

There are three controls; an On/Off switch which is kept depressed when the receiver is in use; four position sensitivity switch which is set at the start of each locate and a sensitivity control to keep the meter indication at a convenient level.

The loudspeaker gives an audio response to the sonde signal. There is a jack for fitting headphones which are available as an option.

Complete illustrated user instructions are on the blade of the instrument.

Two standard transmitting sondes

The standard sonde can be located at depths down to 5m/16ft. Two sondes are provided so that location work can continue if a sonde is damaged or lost. Please advise when ordering if a different sonde is required.

Connectors for fitting the sonde to end of drain rods. Two connectors are provided, one $\frac{3}{4}$ x 12 BSF female and one $\frac{3}{4}$ 10 BSW female. Please advise when ordering if a different connector is required.

Spring coupling provides a flexible coupling between the sonde and the drain rods or the FlexRod. Useful for helping the sonde round tight bends and to prevent the sonde being damaged in the drain.

Fitted plastic box to house the sondes, connectors and spring coupling.

Rugged nylon carry bag The bag includes thick padding to protect the receiver from damage and has room for optional sondes as well as all the standard equipment.

Optional extras

A range of sondes from as small as 18mm diameter for smaller pipes and shallow depths to larger sondes capable of locating sewers at depths down to 15m/49ft and Flexrods (for pushing sondes through drains) up to 120m/393ft long are available.

Summer or padded winter headphones. Fitting headphones disables the loudspeaker.

Technical data

Depth scale calibration

Low scale 15cm/6in to 2m/7ft
High scale 1.5m/5ft to 9m/30ft

Accuracy

Plan location
5% of depth, axial to sonde.
8% of depth, radial to sonde.

Depth location

Non-linear accuracy. 5% at 1.2m/4ft
8% at 5m/16ft.

Frequency

Frequency accuracy: 32768Hz \pm 5Hz

Batteries

Receiver : 8 x 1.5V AA alkaline (IEC LR6).
Life: 40 hours.
Protected against incorrect polarity. 8 x AA Ni-cads can be used.
Standard Sonde: 1 x AA 1.5V alkaline.
Life 20 hours

Weights

Receiver: 2.5kg/5.5lb.
Sonde: 190g/7oz
RD300 complete in bag: 5kg/11lb
RD300 shipping 80 x 30 x 15cm (32 x 12 x 6in)
6.5kg/14lb

