Product: RD500 Plastic Water Pipe Locator

Part No.: 10/5R002

Description: Precision seismic plastic pipe locator

Specification: Locator

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<th>Operating modes</th>
<th>Mode</th>
<th>Frequency</th>
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<td></td>
<td>Audio</td>
<td>132Hz - 210Hz</td>
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Dynamic range: 88dB

Response: Peak

Depth range: 66" (2m)

Sensor: Single axis seismometer

Operating temperature range: -4°F to +122°F (-20°C to +50°C)

Visual indication: Jewel/pivot analogue meter

Audio indication: Audio signal derived directly from signal received

Gain control: Manual

Batteries: 1 x 6LR61 9 V Alkaline

Construction: PVC plastic

Ruggedness: Withstands 1m/3' drops on to concrete

Weight (Receiver): 3lbs (1.4kg)

Weight (shipping): 4lbs (1.8kg)

Box size (shipping): 52" x 10.25" x 5" (132cm x 25cm x 12.5cm)

Warranty: 12 months

Options: 8" spike (12cm)

Transmitter compatibility (Recommended Radiodetection ONLY): TranSonde high power

Patent Statement
Radiodetection Corporation manufactures the RD500 under exclusive license from Heitman Laboratories, Inc., Allen, TX, USA.

The products described herein are protected by worldwide patents. It is both Heitman Laboratories' and Radiodetection's intent to vigorously prosecute any infringement.

The TransOnde produces a pressure wave along the pipe. This pressure wave does not exceed the rated pressure of most water systems.

To avoid the risk of damage, however, it should not be used for prolonged periods on old or substandard plumbing systems. On all hose bib applications within fifty feet of a building, the proper low-power TransOnde (coded green) and a faucet damper must be used.
RD500 Series

Plastic Water Pipe Locator

- QUICK SETUP
- ACCURATE LOCATING
- EASY TO USE

The RD500 locator is the only effective low-cost plastic and/or concrete pipe locator. Utilizing patented technology, the RD500 TransOnde transmitter creates a non-destructive pressure wave that can be located up to distances of 500 feet or more. The TransOnde pressure wave signal generator can quickly apply the pressure wave at a fire hydrant, water meter base, sprinkler head, or special tap into a pipe. The RD500 receiver pinpoints the location of the plastic and/or concrete pipe with both audible and visual indication.

RD500 Receiver Pak
The RD500 receiver comes with a 5½-inch earth probe, concrete/asphalt disc, headphones, carrying case, and videotape.

The receiver is powered by a 9-volt battery and provides pinpointing information using an analogue meter and headphones. A simple gain control regulates the receiver sensitivity to locate mains and service lines.

ACCESSORIES: Transmitter Paks

RD500 S Pak
FOR: Sprinklers and Service Lines
The RD500 S Pak provides the TransOnde Low Power transmitter (green) and adaptors for plastic water service lines as well as residential and commercial sprinkler systems.

RD500 W Pak
FOR: Water Utility Mains
The RD500 W Pak provides rural, municipal, or industrial water systems with the TransOnde transmitters needed to locate plastic mains.

W-Pak-A: Fire Hydrant
For a fire hydrant hookup, High Power (red) RD500 TransOnde is used with the appropriate adaptors.

W-Pak-B: Meter Base
The Medium Power RD500 TransOnde transmitter (yellow) can be attached to the water meter base using the supplied adaptors.