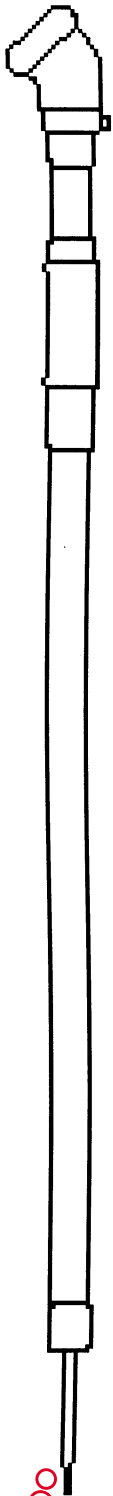


RD500 Series Plastic Water Pipe Locator Technical Specification



Plastic Water Pipe Locator

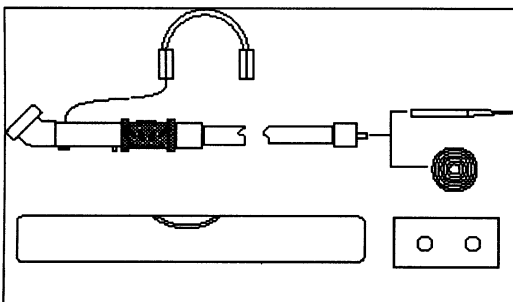
- QUICK SET-UP
- ACCURATE LOCATING
- EASY TO USE

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 5.5-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.



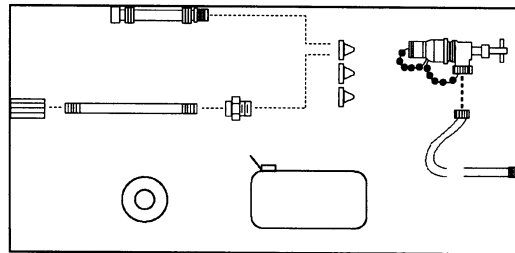
ACCESSORIES:

RD500 TransOnde 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.



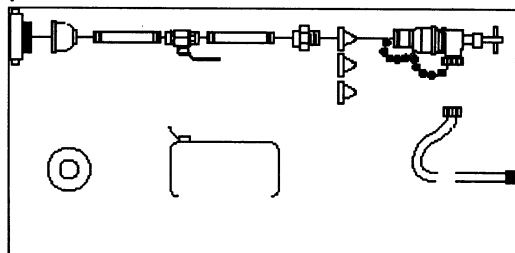
RD500 W Pak

FOR: Water Utility Mains

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

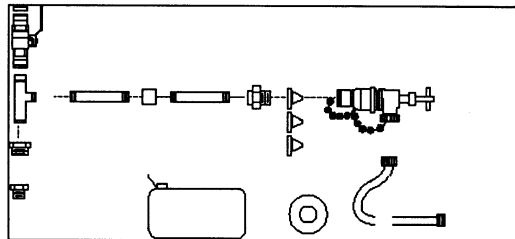
W-Pak-A: Fire Hydrant

For a fire hydrant hook-up, 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.



Product RD500 Plastic Water Pipe Locator
Part No. 10/5R002
Description Precision seismic plastic pipe locator
Specification Locator
Operating modes

Mode	Frequency
Audio	132Hz - 21-Hz

Dynamic Range 88dB
 Response Peak
 Depth range 2m/6'6"
 Sensor Single axis seismometer

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

Visual indication Jewel pivot analogue meter
 Displays-Locate trend (%) - Battery status (@ Switch on)

Audio Indication Audio signal derived directly from signal received
 Output through headphone socket (3.5mm).

Gain control Manual

Batteries 1 x 6LR61 9V Alkaline
 1000 hours' life (nominal at 20°C/ 68°F intermittent use)

Construction PVC Plastic
 Weatherproof to NEMA 3S and IP54

Ruggedness Withstands 1m/3' drops onto concrete

Quality control system BS5750/ISO 9001/EN29001

Weight (Receiver) 1.4Kg/3lbs

Weight (Shipping) 1.8Kg

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

Warranty 12 months

Options 12cm/8" spike

Transmitter compatibility TranSonde high power
(Recommended Radiodetection TranSonde medium power
only) TranSonde low power

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.

