



PRODUCT SPECIFICATION

TOOLS

PRO800

WIRE AND VALVE LOCATOR

The Pro800 Wire and Valve Locator is a fault locator for irrigation contractors and maintenance personnel. Incorporating a powerful transmitter and sensitive receiver, the Pro 800 tracks irrigation wires, finds missing valves and detects damage to vulnerable underground cabling and can also track depth to 2.4 meters. The Pro800 transmits an easy to follow beeping signal that is tracked by the extra long receiver. Designed and built for use in commercial and domestic watering systems.

THEORY OF LOCATING

Cable Locating generally consists of a transmitter and a receiver or wand. In the case of the Pro800, the transmitter is the long black box and the wand is yellow and black. In operation, a transmitter places a trackable signal onto the metallic conductor you are trying to trace. After the connections are made to the conductor and ground and the unit is turned on, the Pro800 creates an electrical circuit and current flows through that circuit. This current flow is creating an electromagnetic field, which the wand can detect if close enough. It is very important to understand that the circuit you are creating follows the basic laws of electricity. For example, the tracing signal will travel on the path of least resistance. In addition, if there is too much resistance or no circuit path, no current will flow and no locate will be possible. So keep in mind that when a signal is heard, it is because the signal has a path in the ground that is creating and electrically friendly way for the signal to travel. The signal doesn't just randomly wander through the dirt. It follows a path provided for it, whether it is a pipe, wire or reinforcing bar. It is also important to note that in the tracing circuits, a return path needs to be present. The return path completes the circuit. In most cases, this will be the earth ground as the signal transmits down the cable and returns to the ground stake.

FEATURES

- Wireless broadcast via induction
- Rechargeable transmitter battery
- Supplied with power charger and car charger
- Ergonomic, light wand design
- Membrane switch technology
- Low battery and power LEDs
- Audio or analog meter response indicator
- Null or peak reception modes
- Tracking depth to 2.4m

SPECIFICATIONS

- Transmitter uses 12v rechargeable battery
- Receiver uses 1 x 9v alkaline battery
- Standard tracking mode @ 2Khz
- Wireless induction mode @ 185Khz
- Power output 900 v p-p



MODELS	CODE
Pro800 Cable Locator	PRO800

Note: Specifications are subject to change without notice - Product drawings / Images are representative only and are subject to change.

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