

Locators N-2

800-EJP-24 HR

Pipe & Cable Locators

810 Line Tracer



The radio frequency (RF) 810 Line Tracer is an excellent instrument for tracing water and gas distribution lines, cables, inductive locating, and blind searching. The high frequency signal is able to jump insulators and rubber gaskets often found in water and gas distribution systems. Since the radio frequency travels easily through the ground, the 810 is an ideal instrument for inductive locating. The floodlight quality of the RF signal will induce a signal onto conductors 8-10 ft. on either side of the transmitter, making it an excellent instrument for blind searches.

The 810, operated from a standing position, features a left/right guidance system which directs the operator toward the conductor path. A simultaneous field strength display aids in pinpointing the conductor, and with the push of a button, the depth of the conductor appears on the LCD. The sensitivity is automatically controlled to compensate for changes in signal strength caused by changes in conductor depth and attenuation of signal over distance. This instrument is designed to minimize electrical interference.

PRODUCT DESCRIPTION	PRODUCT NUMBER
810 Line Tracer	60177 1
Metrotech Conductive Clamp	60177 2

Features:

- Accurate location of metallic underground utilities
- Inductive or conductive tracing
- Visual and audible left/right guiding system
- Automatic sensitivity control; no manual adjustments
- Push button depth indicator for instant depth readout

480B Pipe Locator



Pipe and Cable Locators provide a versatile system approach to underground location. These expandable instruments offer the operator a safe and efficient means of locating underground pipes, cables, conduits, pipe bends, dead ends and other hazards before excavating. The basic 480B locator operates both conductively, (direct contact with pipe or cable to be located) and inductively (no direct contact).

PRODUCT DESCRIPTION	PRODUCT NUMBER
480B Pipe Locator	60170

* The standard Metrotech Model 480B consists of a Transmitter, Receiver, Conductive Attachment and Operating Manual.

Features:

- The crystal control design and narrow noise bandwidth of the Model 480B Transmitter give a clean, no-drift response providing the operator with longer ranges and greater locating accuracy.
- The 50/60Hz operating mode feature permits the operator to verify the location of energized power lines by tracing the electromagnetic field generated by these lines. The dual coil design enables the instrument to distinguish between underground and overhead power lines.
- The automatic battery test feature measures the amount of voltage present in the batteries and automatically displays the value on the meter when you turn the 480B on. A battery conserving automatic shut off with a time-out alert feature (to alert the operator of imminent shut off) prevents the Receiver from being accidentally left on. The Transmitter will shut off when the cases are clipped together.
- No special batteries required. The Transmitter and Receiver each use 6 standard C-size Alkaline batteries. Average life of Transmitter batteries is 400 hours and the average life of the Receiver batteries is 250 hours.
- Conductor depth is determined by using the triangulation method, employing the bubble level for correct angle of the Receiver.