

FM 810Dx

Pipe and Cable Locating System



- Easy to use and precise line locating
- Excellent inductive coupling - useful for long distance line locating
- Signal jumps over insulating joints

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The FM 810Dx Locating System was specially designed to find the location and depth of metallic water and gas pipes with audio frequency. The precisely tuned, high locating frequency of 83 kHz enables to trace a line, even over several couplings and insulating gaskets. These pipes are typically difficult to be detected by low frequencies. The readout of the depth appears easy and fully automatic by pushing a single button.

The systems sticks out with its easy handling, a large display and large buttons as well as a complete set of accessories.

Features

- Easy, exact, fast location of pipes
- Only one frequency – easy to handle
- Single push-button depth readout
- Ergonomic design for comfortable working
- Distance Sensitive Left/Right Guidance™
- Long tracing range due to very accurate signal analysis
- Single high frequency of 83 kHz, “jumps over” couplings and insulating gaskets
- Simultaneous Peak and Null Display™
- Real Time Continuous Gain Adjustment™
- Battery saving transmitter with constant-current source for a steady locating field

Scope of Delivery

- Set FM 810Dx
Transmitter and Receiver with batteries
- Set FM 810DX-R
Receiver with batteries and Transmitter with rechargeable batteries and charger
- Connecting cable
- Ground rod
- Carrying case
- Operating manual

Optional Equipment

- Rechargeable batteries and charger for transmitter
- MetroClamp 50 mm, 100 mm, 200 mm
- Sondes for non-metallic pipes



Technical Data

Receiver

Frequency	83 kHz
Depth Readout Accuracy	± 5% + 2" (0 ... 3 m)
Depth Readout Range	0 ... 6 m
Battery type	8 AA Alkaline
Battery life	80 hrs. continuous
Operating temperature	-20 °C ... +50 °C
Dimensions	729 x 219 x 311 mm
Weight	1.8 kg
Environmental	IP54

Transmitter

Output frequency	83 kHz (direct or via clamp or antenna)
Output Power	1 Watt
Battery Type	6 x Alkaline D cells or NiMH rechargeable
Battery Life	100 hours (Alkaline D cells) 50 hours (NiMH rechargeable)
Operation Temperature	-20 °C ... +50 °C
Dimensions	216 x 118 x 178 mm
Weight	2.5 kg
Environmental	IP54

ISO 9001:2000

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Product Range: Instruments and Systems for Fault Location in Power and Telecommunication Networks and for Leak Detection in Water Distribution Systems • Cable and Pipe Locators • Seminars • Service • Contracting
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Technical data subject to change without notice.

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