

# M-97

## VALVE, PEDESTAL & BOX LOCATOR



The Fisher M-97 is specially designed for finding buried or paved over valves, boxes, or manhole covers, or any other concealed metallic object. It also locates targets made of aluminum, brass and lead.

The M-97 features push button tuning allowing the user to quickly and easily maintain optimum sensitivity for easy pinpointing of buried metallic objects. Plus, the M-97 offers auto-tune circuitry and a waterproof search coil.

New to the M series is the ease with which the M-97 can be stored. Just compact the lower stem, twist the search coil 90 degrees, and fold the search coil flat. The M-97 fits easily into the optional carrying case.

In the Fisher tradition, the M-97 is affordable, tough, and simple to use while providing maximum performance. A two year limited warranty comes standard with the unit.

### Features

- Two knobs and a pushbutton for simple operation
- Adjustable shaft with double locking stem
- Ground Effect Rejection VLF eliminates annoying or false signals from wet ground foliage, pavement or mineralized ground
- High sensitivity for maximum penetration through soil, asphalt or concrete
- Built-in Battery Test/Pushbutton Tuning
- Ultra Slow Auto-Tune to stabilize ground tuning and minimize frequency drift
- Identifies metallic objects by speaker sound and needle movement
- Compact size for convenient storage

since 1931

**FISHER** M-SCOPE®

find it

with

**FISHER RESEARCH LABORATORY**

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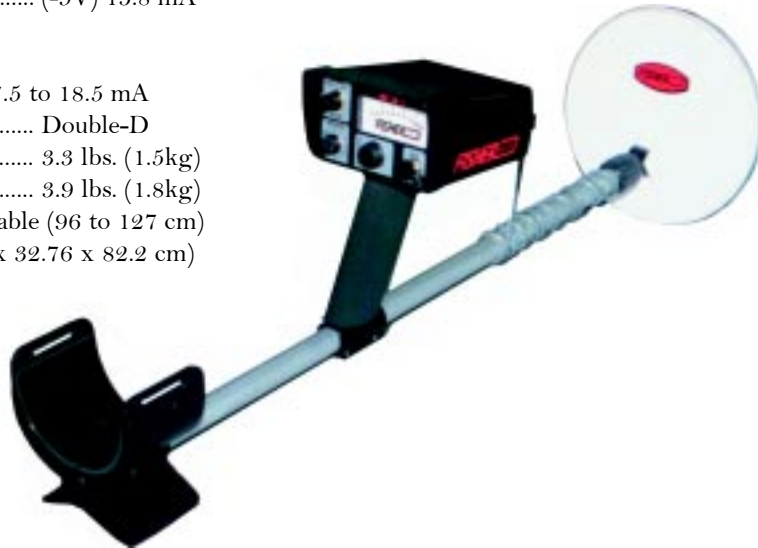
Fisher offers an extensive range of electronic detection instruments designed to meet the needs of the utility industry. From pipe & cable locators, valve & box locators, sound & leak detectors to water level indicators, find it... with Fisher.

# M-97 specifications



Specifications subject to change without notice.

Output Frequencies of search coil ..... 4.5 kHz  
Sensitivity ..... 0.20 mv RMS for full scale  
Sensitivity Adjustment Range ..... 12:1  
Output Indication ..... Meter 1 milliamp, ..... 0-100 linear scale  
..... Speaker ..... 16-ohm impedance  
..... Headset (optional) ..... 8-ohm impedance  
..... Audio Frequency ..... 450 Hz  
Power Supply  $\pm 9V$  supplies: ..... (2) 9V batteries  
Battery Life Alkaline ..... 25-35 hours  
Power Consumption ..... (-9V) 13.8 mA  
..... At min. sound 8 mA  
..... At max. sound 50 mA  
..... At Audio threshold 17.5 to 18.5 mA  
Search Coil Configuration ..... Double-D  
Weight with 8-inch search coil ..... 3.3 lbs. (1.5kg)  
..... 11-inch search coil ..... 3.9 lbs. (1.8kg)  
Dimensions ..... 38 to 50 inches adjustable (96 to 127 cm)  
Shipping Dimensions 6" x 13" x 35" (15.12 x 32.76 x 82.2 cm)



## Accessories

**OPTIONAL:**  
Hard carrying case      Heaphones  
Vinyl carrying bag      Coil Covers  
   11" search coil

## 2-Year Warranty

Fisher warrants the M-97 to be free of defects in materials and workmanship when it is shipped from the factory. The terms of this warranty are fully explained in a warranty registration card that accompanies the instrument. Complete factory and field service facilities support the warranty. \*Warranty may vary outside the U.S. See your distributor for details.

## Ordering Information

### US & Canadian Customers Contact:

#### Fisher Research Laboratory

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### All Other Countries Contact:

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Underground Detectors and Locators Since 1931

# FISHER RESEARCH LABORATORY

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