

Rebar Locator & Metal Probe



The M-101 metal detector was designed specially for finding reinforcing bars and other metal objects embedded in concrete, conduits, PK nails, wiring, wall studs and other metallic objects. Users may expect accuracy to 1/4" of the center line of the rebar.

Turn the instrument on and only the penetration control need be adjusted for most operations, allowing maximum penetration depth for metals.

A preset circuit eliminates ground effects caused by highly mineralized materials and false signals due to loop movement.

The M-101 also can effectively locate small metal items carried on or within a person and is substantially more sensitive than the average low cost metal detectors used at airports, so that a given metal item can be found at a greater distance from the search loop itself.

Searches in water may be up to the control box. The search loop and cord are waterproof.

- Detects all metals
- Accurately pinpoints steel reinforcing bars, or "rebars" in concrete; (typically 8-9" depth for 1/2" diameter rebar)
- Detects intersections of rebar or mesh
- Audio and visual indications of nearby metal
- Rugged construction
- Operates on universally available 9V batteries
- Quick tune ready for operation in seconds
- Fully waterproof search loop
- VLF, (Very Low Frequency), operation

SPECIFICATIONS

Operating Frequency of Coil	4.5 kHz
Sensitivity Adjustment	Range: 12:1
Output Indication	Meter - 1 milliamp, 1-100 linear scale Speaker - 16 Ohm impedance Headset (optional) - 8 Ohm impedance
Audio Frequency	450 Hz
Power Supply	± 9V, (2) 9V NEDA 1604
Coil Configuration	Double D
Weight	2.8 lbs. (1.3 kg)
Dimensions	Control Box - 3 x 5 x 6" (8 x 12 x 16cm) Handle - 0.75 x 23" (1.9 x 58.4cm)
Shipping Weight	4 lbs. (1.8kg)
Shipping Dimensions	26.5 x 6..25 x 6.25" (67 x 16 x 16cm)

Catalog No.	Model	Description
FI096501	M-101	Rebar Locator & Metal Probe
Accessories		
FI10	202461-003	Search loop cover; 3 1/2" diameter press-on, fitted cover for the search loop to prevent abrasion
FI09	972095	Stereo headphones