

Magnastick Ferrous Metal Detector

Rycom Instruments® makes utility locating as accurate as you need, as simple as you want.

- Locate ferrous objects under snow, earth, and even water
- Water resistant and weatherproof design for years of field use
- Erase feature rejects non-target materials for easier locating (102 only)
- LCD screen displays signal and battery strength (102 only)
- Power Line indicator warns of potential live power lines (102 only)

The Magnastick MS-101 and MS-102 are flux-gate type magnetometers that seek ferromagnetic objects by sensing their magnetic fields. Patented dual toroidal sensor coils are highly sensitive to the magnetic lines of flux naturally present in ferrous (iron) materials and are not affected by non-ferrous materials such as brass, aluminum, or copper. A passive 50/60 Hz filter warns users of potential hazards associated with live power lines.

Magnastick locators employ an “always on” peak mode that provides an increasing audio signal as objects are approached and passed over. The digital display shows numerical signal strength with a diamond bar graph, battery status and “live line” proximity.

Ergonomically designed and balanced, the Magnastick receiver is made of high-impact plastic for years of trouble free use. Large and easy to grip control knobs for volume and sensitivity are located on the water resistant handle. The aluminum sensor tube is water proof and when submerged will locate ferrous objects under the water surface.

The unique Erase button makes locating ferrous objects easier and faster without the need to reduce sensitivity. Typical magnetic locators will normally peak off the scale when they are operated close to a metal fence, building or automobile. Pressing the Erase button will reset the Magnastick to a normal operating mode and the large mass will be ignored.

Each Magnastick unit comes complete with a digital receiver, user manual, and padded soft carrying case.

Rycom Instruments®, Inc. locators are designed and manufactured to make utility locating as accurate as you need and as simple as you want. For more information on the LD8000, or any other Rycom Instruments® product, please call us toll free at 1-800-851-7347 or visit us online at www.rycominstruments.com.



Each Magnastick 101 and 102 comes complete with a digital receiver, manual, padded soft carrying case.

RYCOM
instruments, inc.

www.rycominstruments.com
Accurate Utility Locating Made Simple

Magnastick Specifications

Receiver

Power: 6 "AA" (1 1/2 v) batteries

Battery Life: ± 100 hours intermittent operation (alkaline batteries)

Output: Powerful magnetic speaker with waterproof Mylar cone

LCD Display (MS-102): Numeric digital, analog Bar-graph, power line and low batty indicator

Weight: 3 lbs (1.3 kg) with batteries

Operating Temperature: -0° F to +120° F (-18° C to +49° C)

Length: 42 3/4"

Construction: High-impact water resistant plastic, epoxy painted. Aluminum sensor tube waterproof to just under the plastic case

Nominal Sensor: 20" (50.8 cm)



WARRANTY: Five-year warranty from date of delivery against defects in material and workmanship (EXCEPT BATTERIES) on all instruments. This warranty is void if, after having received the instrument in good condition, it is subjected to abuse, unauthorized alteration or casual repair. We will repair or replace products that prove to be defective during warranty period. NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. THE WARRANTY DESCRIBED IN THIS PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. WE ARE NOT LIABLE FOR CONSEQUENTIAL DAMAGES. **Terms:** Net 30 days, Missouri sales tax charged where applicable. **Shipping & Delivery:** All orders are FOB Raytown, MO. Specifications subject to change without prior notice.

RYCOM Instruments*, Inc. is a leading manufacturer and global supplier of cable, pipe and fault locating equipment. Established in 1946, RYCOM Instruments* Inc. maintains a state-of-the-art production facility and engineering department. Our guarantee is to deliver our customers a superior product and the locating equipment they need.

RYCOM Instruments*, Inc. locating devices are designed and manufactured to make utility locating as accurate as you need, and as simple as you want.



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