



MAGNASMART

HI POWER MAGNETOMETER

For many years treasure hunting magnetometer design has remained unchanged, due to the lack of fresh ideas and development.

GDI geophysical instruments new MAGNASMART HI POWER 3D magnetometer is about to change this.

*MAGNASMART is not just another magnetometer !
MAGNASMART offers professional depth range and other unique features to become your favorite choice.*

MAGNASMART locates without the need of constant motion, unlike "motion style audio" magnetometers that lose target signals when the probe stops moving. Motion technique has many disadvantages.

- The probe can only be kept moving easily on flat ground but with difficulty on uneven ground.
- Motion forces the operator to search faster and often miss the deep weak signals.
- Also it is difficult to pinpoint the exact target centre.

MAGNASMART magnetometer locates at any speed. Sweeping the MAGNASMART probe fast or even holding it motionless above the target will not cause the signal to fade. Pinpoint is instant. Suitable for searching through rocks, bushes, trees, etc.

MAGNASMART is 3D data logger ready. Connects to ICON DATA real time magnetometer & metal detector data logger. Using ICON DATA logger, scan the field at normal pace. 2D & 3D maps are generated on a tablet PC or laptop in real time. No need to upload data later to a PC. Data logger is useful to determine target size, shape and depth.

Detachable "twist to lock" probe. Locks instantly to MAGNASMART magnetometer. Easy to transport and store.

More depth. Compare MAGNASMART against magnetometers costing up to 4 times the price

Automatic operation easier than ever. With minimum controls MAGNASMART can be used by anybody, anywhere!. Only one knob to set the sensitivity range. Set HIGH for metal free zones away from concrete bars, fences, for deep detection of voids - tunnels, foundations, ferrous relics and treasure hunting in the fields. Set it LOW to locate surface targets like shallow buried manhole covers, pipes and when working near fences in urban areas.

Auto ground balance. Ignores magnetic stones and minerals. After power on, hold MAGNASMART magnetometer motionless for few seconds to automatically setup the ground type.

"VCO" audio target recognition. Optimized for target hunting at depth. A precise "ticking sound" announces those deep weak targets. The audio tone gradually rises in frequency as the signal becomes stronger, for accurate pinpoint.

9 volt battery holder plus input for external 12 V battery pack. Extends operation up to 25 hours.

Color LCD. Displays a graphic meter for signal intensity and target numerical values, plus battery check.

Ergonomic handle and hard carry case with foam inlay.

for your local distributor visit www.gdi-detectors.com

MAGNASMART MAGNETOMETER FEATURES

- High detection depth range
- Adjustable sensitivity
- Mini headphones plug
- Push button for visual battery status check
- Detachable "twist to lock" gradiometer probe
- Data logger connection for ICON DATA
- Internal speaker
- Dynamic VCO audio signals
- Automatic ground balance after power on
- Non motion operation and location at any speed
- Color LCD with signal meter and numerical values
- Dynamic design for extra depth
- External 12V battery pack
- Ergonomic handle
- Quality construction materials



MAGNASMART MAGNETOMETER APPLICATIONS

User adjustable sensitivity to adapt for any magnetometer application, utility, archaeology and treasure hunting.

LOW SENSITIVITY : Ideal for industrial, utility & pipe location. To find shallow buried iron pipes, manhole covers, ferrous targets in urban areas, even near fences, parked automobiles and concrete bars.

HIGH SENSITIVITY : Archaeology applications to detect ceramics, landfills, voids, tombs, tunnels, foundations, ancient ditches, pits, dug ground.

Military application, weapons, army bunkers and bombs at depth, unexploded ordnance survey (UXO), landmines. Treasure hunting, to locate ferrous relics.



MAGNASMART MAGNETOMETER SPECIFICATIONS

weight : 4,5 Kg (with carry case) 1,25 Kg (without carry case)

dimensions of carry case : 126 cm X 27 cm x 12 cm

length : 1 m. (assembled) 86 cm (collapsed)

battery : external 12 V power pack

Battery life : +/- 25 hours

80 cm gradiometer probe

backlight LCD 2,5"

magnetic field resolution: better than +/- 5000nT

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MAGNASMART MAGNETOMETER DETECTION DEPTH

Screwdriver 20 cm long	1,40 m.
Army rifle	2,00 m.
Main water supply pipe 70 cm dia.	3,00 m.
Automobile	5,00 m.

MAGNASMART MAGNETOMETER KIT INCLUDES

- MAGNASMART main unit and probe
- Hard carry case with foam
- External 12v battery pack
- Mini headphones
- English instructions manual
- 2 year guarantee



External battery pack with charger

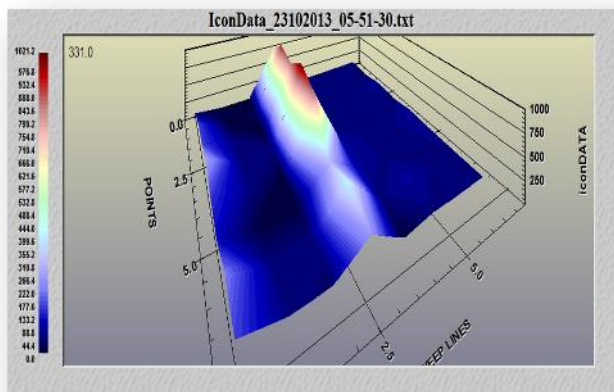


MAGNASMART MAGNETOMETER ACCESSORIES

- ICON DATA real time data logger & 2D / 3D target imaging software
- 30 cm. GRADIOMETER probe for fine scan, accurate pinpoint, operation near metal etc.
- 120 cm. GRADIOMETER probe for extra depth



- 1. PROBE 30 cm. accessory**
- 2. PROBE 80 cm. standard**
- 3. PROBE 120 cm. accessory**



ICON DATA real time data logger

3D scan of a rifle using ICON DATA



MAGNASMART magnetometer with carry case



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