



DETECTOR

MAGNEX® 100 B

Applications
Handheld
Handheld

Types
Metal detectors (MD)

Last update
01/01/1970

General description

The MAGNEX® 100 B is a handy iron locator in longterm stable and innovative differential probe technology. It detects magnetic anomalies in the normal magnetic field of the earth as caused by buried ferromagnetic objects. The detection range of the MAGNEX® locator depends on the size, position and magnetic signature of the objects to be detected.

Working characteristics

The probe is moved in wide sweeping movements over the ground. As soon as the locator's probe is moved into the vicinity of a ferromagnetic object, the local field distortion is converted into an audible alarm. The audio coding of the field polarity (pulsating/continuous) indicates the magnetic polarity (north or south pole) of the object to be detected.

Radio, audio, visual, sensitivity data

Audio output	In the static mode the indication of deep buried ferromagnetic objects is provided by an audible signal, which rises in intensity as the detector approaches the target.
Sensitive adjustment	1
Ground balance	1
Ground balance information	Two dynamic detection steps are foreseen for fast subsurface localization of ferromagnetic parts. In this mode continuous magnetic interferences e.g. mineralized soil or fences can be suppressed to certain limits.

Power supply data

Battery	9V battery IEC Nr. 6LR61 or rechargeable Ni-MH battery 9V/250mAh
Low battery alert	1
Low battery alert information	Audio signal indicates low battery level.
Operating time	14 hours
Operating time information	Approx. 14 h continuous operation with alkaline battery; approx. 7 h with Ni-MH battery
Battery charger information	Battery charger available for Ni-MH charging solution

Dimensional data

Length	1100 mm
Weight	0.8 kg
Search head size	45 mm
Shape	Rod-shaped, approx. 45 mm in diameter
Transport case information	The device comes with an included softbag for transportation and storage.
Transport case weight	0.2 kg

Factory support data

Factory support	A worldwide service network ensures permanent availability of spare parts. Operation and maintenance training is provided at Ebinger facilities or on site. Additional factory support by specially trained staff is provided on request.
Warranty	1 year warranty included. Ebinger offers prolongation

Price

Reduction for higher quantity	Please get in contact for a personalized offer.
Possible to rent	1
Price for training	Please get in contact for a personalized offer.

Other

Other models	The MAGNEX® product family ranges from hand-held single probes like the MINIMAG® to multi-purpose magnetometers like the MAGNEX® 120 devices which also allow for borehole operations or multi-channel setups.
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Other information

Images

