

FEREX BOREHOLE DETECTION

Borehole detection system for deeply buried ferromagnetic objects



Reliable detection even at greater depths. FEREX borehole detection enables the detection of deeply buried ferromagnetic objects when surface surveys are insufficient or affected by buildings, landfill or ferromagnetic clutter close to the surface. The FEREX MG-10-550 probe is lowered into the borehole using a special probe cable. Waterproof probe cables enable surveys at depths of up to 100 m.

If water is present in the borehole, a ballast weight can be attached to the lower end of the probe to compensate for buoyancy and ensure controlled operation. Borehole detection can be performed by one person.

In combination with the FEREX 4.034, measurement values can be displayed directly and borehole data can be recorded and stored. DATA2LINE BM software is available for subsequent data evaluation. An optional mechanical depth measuring device with integrated odometer enables precise assignment of measurement data to the corresponding survey depth.

YOUR ADVANTAGES AT A GLANCE

Detection at greater depths: Waterproof probes and probe cables for borehole detection at depths of up to 100 m

Reliable under challenging conditions: Suitable when buildings, landfill or ferromagnetic clutter close to the surface interfere with surface surveys

Easy operation: Borehole detection can be performed by one person

Direct data recording: Display, recording and storage of measurement data with the FEREX 4.034

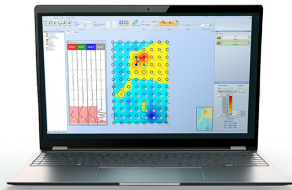
Precise depth assignment: Optional mechanical depth measuring device with integrated odometer

Comprehensive data evaluation: DATA2LINE BM software for evaluating recorded borehole data

TECHNICAL INFORMATION

PROBE:	FEREX MG-10-550 probe
PROTECTION GRADE:	IP68, up to 100 m
PROBE CABLE LENGTHS:	15 m / 30 m, further lengths upon request
DATA ACQUISITION:	FEREX 4.034
DATA EVALUATION:	DATA2LINE BM software
PROBE CABLE KIT:	— Transport case — probe cable — pulling rope — ballast weight — battery cable — tool set — carrying vest
DEPTH MEASUREMENT:	Mechanical depth measuring device with integrated odometer, optional

ACCESSORIES



DATA2LINE BM

Software module for evaluating
geomagnetic borehole survey data

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