



DETECTOR

FEREX 4.034

Applications

Handheld

Handheld

Types

Metal detectors (MD)

Last update

01/01/1970

General description

The FEREX is a vertical gradient fluxgate magnetometer that measures the deformation of the earth's magnetic field evoked by ferromagnetic objects. Magnetometers are suitable for the detection of ferromagnetic metals like iron, steel or nickel. Normally the detection Depth of magnetometers is larger compared to active EMI detectors but it varies and depends on the object's mass and its magnetic properties. The FEREX 4.034 can be used either in direct meter mode or in data recording mode. Four channels for data recording allow the FEREX 4.034 to be expanded into a multi probe holder system for large area survey. The device offers the possibility to connect alternative sensors and GPS systems via a serial interface. These allow precise navigation and geo-referencing of the recorded data..

Working characteristics

Detection of ferrous material/UXO e.g. bombs, shells, projectiles, sub-ammunitions
Detection of underground infrastructure, e.g. tunnels
Magnetometer with tension band technology - provides sensor alignment for Lifetime
In-built filters for detection in close vicinity to power lines
Special mode for search along fences, pipelines and railway tracks
Special mode for filtering small objects
Precise handling, light weight, compact design
High detection sensitivity, improved signal to noise ratio
3.5" color sunlight readable display
Data logging of up to 4 FOERSTER fluxgate sensor channels (differential and absolute values)
Option to link alternative sensors (e.g. GEOMETRICS® 824A) via serial interface
Serial interface to link various DGPS systems or odometer
Implemented tool to edit customized GPS-drivers
Comfortable navigation screen and various navigation modes
Integrated stake-out function using imported DATA2LINE object and position lists
Managing large survey areas consisting of multiple survey grids
Definition of various survey grid layouts by defining or importing polygon positioning data
Software DATA2LINE for project definition, post processing and evaluation of recorded data

Radio, audio, visual, sensitivity data

Transmission frequency	0.00 kHz
Audio output	yes
Visual display	yes
Depth indication	6m to 7m
Sensitive adjustment	1
Ground balance	1
Connectivity	yes

Power supply data

Battery	4x 1.5V batteries (LR20) or 4x 1.2V NiMH
Low battery alert	1
Rechargeable	1
Operating time	0.00 hours
Operating time information	8h for 1-channel solution constant usage

Dimensional data

Length	1250.00 mm
Weight	4.10 kg
Search head size	550.00 mm
Shape	550mm sensor distance probe
Transport case provided	1
Transport case information	rugged case
Transport case weight	8.50 kg

Factory support data

Factory support	24/7 through worldwide network
Warranty	2 years
Water resistant	1
Temperature limitations	Control unit: IP65 , probe IP68

Price

Base price	0.00 €
Reduction for higher quantity	please contact dm.sales@foerstergroup.de
Possible to rent	1
Price for training	please contact dm.sales@foerstergroup.de

Other

Additional equipment	Multi probe holder up to 8 fluxgate probes Wheel set GEOMETRICS® 824 A sensor Probe holder for GEOMETRICS® 824A sensor GPS antenna mount Borehole detection kit Waterproof probe cables up to 100 m Headphone
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Other information

Images









