



**FEREX**





# FEREX product family





# FEREX 4.034



## The benefits

- **Differential (gradiometric) fluxgate magnetometer**  
including data recorder
- **4 channels**  
with high sampling rate
- **Serial interface**  
to connect alternative sensors
- **GPS interface**
- **Light weight**  
due to compact design
- **Low power consumption**



# FEREX 4.034



## The benefits

- **Robust, field proven and maintenance friendly**
- **Comprehensive scope of accessories**  
such as multi probe holder, wheel kit or odometer
- **Data post processing software**  
DATA2LINE



# FEREX 4.034



## Technical data

- **Dimensions**  
L 1250mm
- **Weight**  
4,1 kg incl. batteries
- **Probe MG-10-550**  
Bandwidth 230 Hz Noise < 1 nT pp
- **Battery lifetime**  
> 10 h (1 probe)
- **Qualifications**  
MIL-STD 810G



# FEREX 4.035



## The benefits

- **Maximum sensitivity and minimum noise level bomb locator**
- **Built-in filters**  
For searching under power lines
- **Special modes**  
For searching along fences, pipelines and railway tracks and for the suppression of small objects
- **Compact detector**  
In one piece design



# FEREX 4.035



## Technical data

- **Dimensions**  
L 1250 mm
- **Weight**  
3.3 kg complete detector incl. batteries
- **Battery lifetime**  
> 70 h
- **Probe MG-10-550**  
Bandwidth 230 Hz, Noise < 1 nT pp
- **Measurement ranges**  
7 linear ranges 0 - 10 nT up to 0 to 10.000 nT
- **Qualifications**  
MIL-STD 810G



## The benefits

- **Tool-kit design**  
Allows to customize to project requirements
- **Recording of geo-referenced magnetometry data**
- **High recording rate**  
enables maximum area performance
- **Ground coverage**  
of about 2 hectares per hour with the basic system
- **Designed to be used onshore, inshore, near-shore, offshore and under water**  
Together with a suitable probe carrier



## Technical data

- **Controller technology**  
FEREX 4.034 with 24 bit ADC
- **Dimensions**  
235 x 145 x 105 mm (L x W x H)
- **Sampling rate**  
300 Hz per probe





# FEREX probe holder



## The benefits

- **Extension kit**  
for FEREX 4.034
- **Can be set up as a 3 or 4 probe holder**
- **Ergonomic design**  
with lightweight construction
- **Selectable probe distance**
- **Upgradable with wheel set**
- **Extendible with GPS system**



# FEREX probe holder



## Technical data

- **Track width**  
1.5 m or 2 m
- **Probe distance**  
prepared for 0.25 m or 0.5 m
- **Weight carried version**  
16,4 kg (3 probes) or 18,7 kg (4 probes)

# FEREX borehole detection



## The benefits

- Probe cables watertight up to a depth of 100m
- Ballast weight
- Pulling rope
- Battery cable (FEREX® 4.032)
- Tools and transport case

## Options:

- Depth measuring device
- Foot switch (FEREX® 4.032)
- Carrying vest (FEREX® 4.034)
- Carrying bag (FEREX® 4.032)
- Data evaluation with DATAL2INE BM Software

# FEREX borehole detection

## Technical data

- **Probe**  
FEREX CON 650 / FEREX MG-10-550
- **Cable length**  
10 / 15 / 30 / 50 / 100 m
- **Protection grade**  
IP68 100m

