

FerroTec FT 10 | Magnetometer for locating concealed objects
fast – convenient – precise



FerroTec FT 10 – fast – convenient – precise



Easy location of ferromagnetic objects

The **FerroTec FT 10** helps you safely and reliably locate concealed shaft covers, sliding rods and caps, as well as pavement markers and other objects. The only requirement is that they are made of iron, cast iron or steel. The ergonomic design, convenient operation and precise measuring technology make your work fast and easy.

The measurement principle: sturdy technology with an ergonomic design

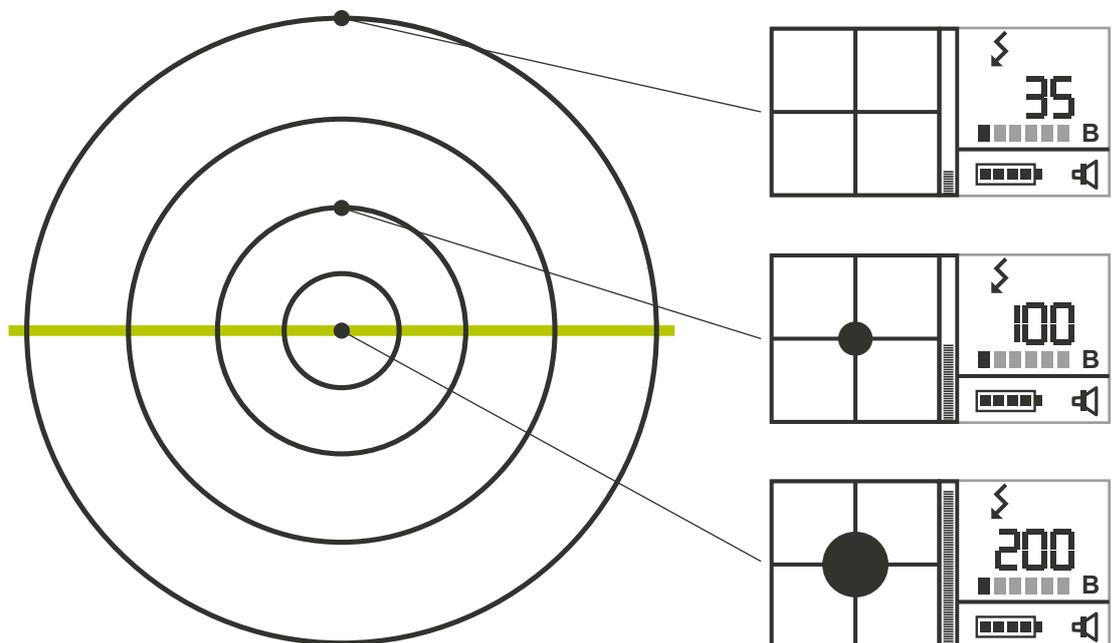
Objects containing iron cause changes in the earth's magnetic field which can be picked up by the two magnetically sensitive sensors in the **FerroTec FT 10** (fluxgate magnetometers) and converted to an acoustic signal. In addition, the display shows you getting close to the object you are looking for. The closer you are to the object, the stronger the signal. At maximum signal strength, the **FerroTec FT 10** is exactly above the object.



Fast and reliable results

The **FerroTec FT 10** recognises 50 Hz alternating fields and directs you towards the exact position of power cables, thus preventing mix-ups and false detections and protecting you against electrocution during excavation.

The **FerroTec FT 10** recognises polarity changes in large objects, for example in shaft covers. This means that you can – depending on the orientation of the object – classify its position and size.



Display when locating power cables

Easy operation for effortless measurements

The **FerroTec FT 10** allows you to work for hours, or even the whole day, without fatiguing. Its lightweight, balanced construction and ergonomic design mean that it is exceptionally comfortable to carry.

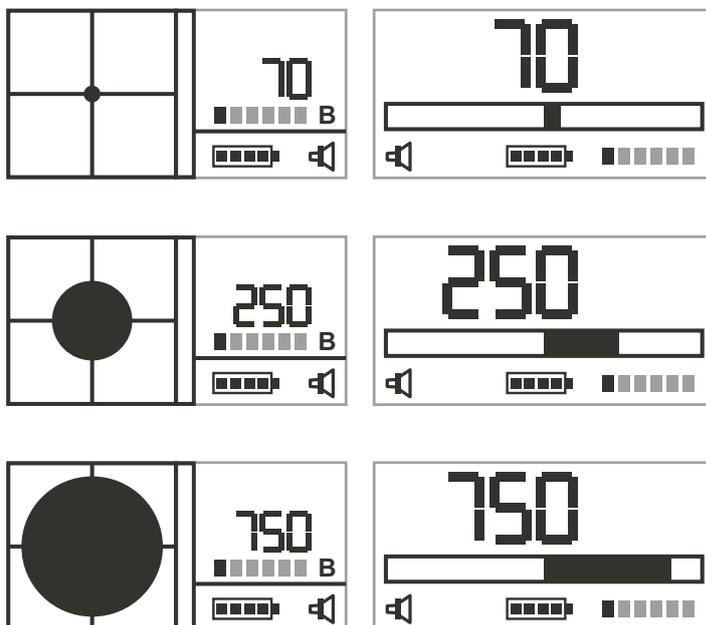
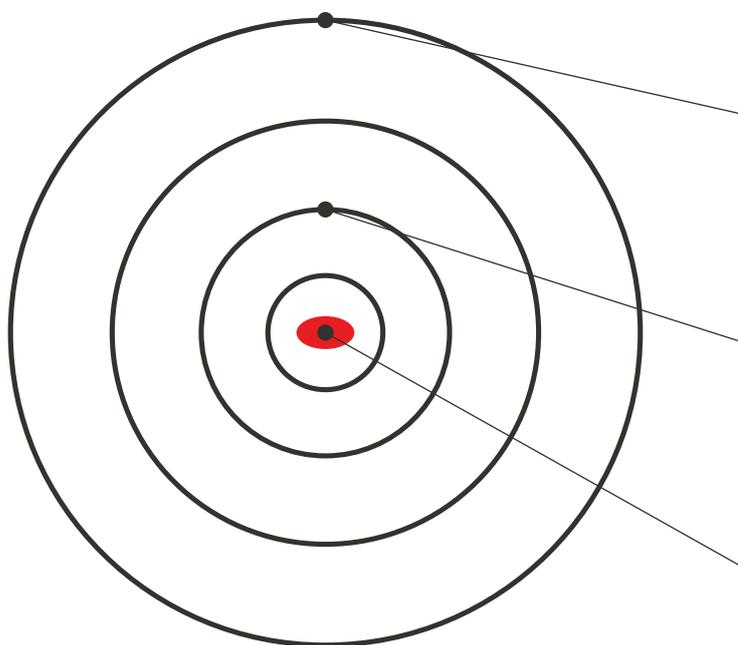
Carry and operate the magnetometer easily with one hand – it doesn't matter if you're right or left-handed. Your other hand is kept totally free for work.

The device can be operated intuitively without extensive training using just five buttons, which can be pressed using the carrying hand. By simply placing your thumb on the capacitive sensor field you can very comfortably activate the **FerroTec FT 10** and quickly start and stop locating procedures.

Select the display on the screen to suit your personal habits. In addition to the acoustic signal, you can choose between the unique aiming circle view and the conventional bar view. This helps less experienced users reliably find the maximum value.

Thanks to the IP65 protection class and the extremely sturdy construction, dirt, dust and rain pose no problem. You can work whatever the weather and are always ready for deployment.

Benefit from the long operation time of the integrated rechargeable battery: one charge is enough for 10 hours, i.e. a full day's work – this means no more cumbersome battery changes and increased availability.



Display when locating objects

Precise location in all environments

Thanks to its outstanding 3 nT (Nanotesla) sensitivity, the **FerroTec FT 10** is one of the most powerful magnetometers on the market. It is six times more sensitive than its predecessor, which means you can discover objects at the lowest depths. We chose not to use magnetic headphones so as not to distort the extremely high location precision.

The zero point key offsets the current magnetic field so that you can identify changes in the field immediately and safely rule out surrounding interference.

The sensitivity of the **FerroTec FT 10** can be adjusted in six levels and thus adapted to individual environmental influences.

In addition, you can increase the respective sensitivity to the maximum with the sensitivity boost to verify unclear results and reach even greater depths.

Objects that do not contain iron, e.g. precious metals, are not picked up and will not distort the measurement result.

Mass of location object in kg	Location depth in m
100.0 kg	15.0 m
50.0 kg	10.0 m
5.0 kg	7.0 m
1.0 kg	2.5 m
0.5 kg	1.0 m

Maximum location depth according to object mass at a sensitivity of 3 nT



Pack contents

- **FerroTec FT 10** magnetometer
- Chargers
- Transport bag

Please contact us for a comprehensive quotation, including additional technical specifications and information on accessories.