



DETECTOR

# MK Magnetometer

## Applications

Handheld  
Drone mounted

## Types

Metal detectors (MD)

## Last update

01/01/1970

## General description

The MK Magnetometer is a device that measures magnetic fields. The Earth has a magnetic field and UXOs and landmines distort this magnetic field. The magnetometer can detect this difference and thus detect UXOs and metal landmines on the surface.

## Working characteristics

The distance between the magnetometer and the ground is 1 m. The magnetometer does not have a detection width or range - instead, it measures the magnetic field at the spot it is located at. Its sole purpose is to quickly detect UXOs and land mines on the surface. The MK Magnetometer can be connected with a Delta Robot or a Rope Robot below the MK Manta platform. Depending on the land surface, the appropriate type of robot can be chosen. The MK Manta will follow the GPS instructions to collect all the data. After the flight the data is downloaded to the MK Ground Station. Subsequently the software will create the map with all the GPS coordinates. It will visualize it on the application with GEO fences and infographics. At the end, the software will create a map with visuals to identify the data as precisely as possible.

## Radio, audio, visual, sensitivity data

Transmission frequency	200000 kHz
Audio output	no audio output
Visual display	on the MK Groundstation
Sensitive adjustment	1
Connectivity	wired

## Power supply data

<b>Battery</b>	1950mAh
<b>Low battery alert</b>	1
<b>Low battery alert information</b>	20%
<b>Rechargeable</b>	1
<b>Operating time</b>	5 hours
<b>Operating time information</b>	Can be used up to 5 hours at a time, consumption of 400mA
<b>Battery charger provided</b>	1

## Dimensional data

<b>Length</b>	1080 mm
<b>Weight</b>	1 kg
<b>Search head size</b>	230 mm
<b>Shape</b>	square
<b>Transport case provided</b>	1
<b>Transport case information</b>	Comes together with other attachments in a case

## Factory support data

<b>Factory support</b>	Call center and field support (if the drone is also purchased)
<b>Warranty</b>	1 year
<b>Humidity (limitations)</b>	not water resistant

## Price

<b>Base price</b>	33100 €
<b>Reduction for higher quantity</b>	depends on the order
<b>Possible to rent</b>	1
<b>Price for training</b>	leasing is an option, but comes as a package with the drone

## Other information

### Images

