

A flying magnetic sensor – the most effective way in geophysics

3 Axes Fluxgate Magnetometer

Sensor	vector fluxgate magnetometer, gradient measurements possible
Noise	< 20pT/VHz (typical < 15pT/VHz)
Long-term stability	< 10 nT per year
Orientation	X, Y, Z
Range	±65 µT
Temperature range	-20 to +75 °C

UAV S180 Mk.2

Speed	40 – 110 km/h
Wing span	1.8m
Weight	< 5 kg
Endurance	up to 60 min
Start/Landing	Bungee launch / on belly
Navigation	GPS, way point, autonomous flight

The fixed wing UAV-MAG

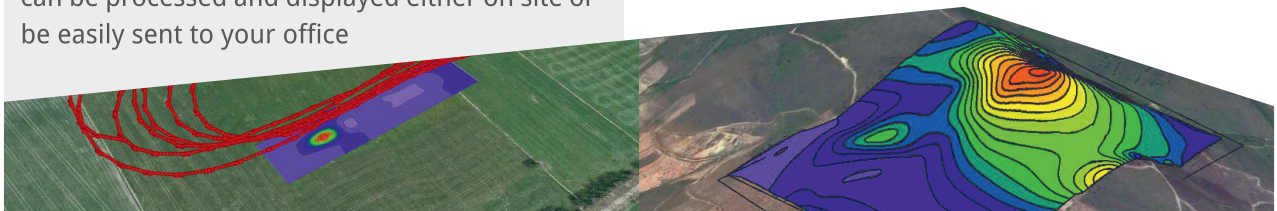
A versatile Unmanned Aerial Vehicle (UAV) equipped with a high-precision magnetometer

- The ideal platform to conduct geophysical exploration on area scales typically from 1 sqkm up to 100 sqkm • Equipment can be shipped within shortest time to any place on Earth
- Transport costs drop to almost zero • Operation requires very little staff in the field • Results can be processed and displayed either on site or be easily sent to your office



Facts

- Daily production rate up to 250 km
- Used worldwide – rapid mobilization
- No harm for personnel
- Extremely cost effective
- Results available on site



UAV MAGNETOMETRY by



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