

EOD310 UXO and Weapon Detecting Magnetometer

Carried by specialist search, EOD and Security Forces personnel the world over the Fluxgate magnetometer is an essential tool in the search and detection of Unexploded Ordnance and weapons.

The magnetometer finds ferrous metal targets used in landmines, Improvised Explosive Devices (IED), buried ordnance, other Munitions and Explosives of Concern (MEC), and hidden weapons. The magnetometer has been tested and proven by the US military, private contractors and NGOs in munitions response operations around the globe.

In addition to an audio signal, the Magnetometer features a digital readout and expanding bar-graph display of signal strength and polarity. This allows the user to visually pinpoint the target, and, in many cases, determine its orientation.

This system or a variant of this system is in service with some of worlds leading demining organizations such as the Halo Trust, US Army, United Nations and many more.



There is also a hip-holstered version of the EOD310 UXO and Weapon Detecting Magnetometer that leaves both hands free for other tasks. This system, which extends from 39-66cm offers fingertip control of volume and sensitivity, and one-handed operation in both retracted and extended modes.



Features

- Two Year Warranty for UXO use
- Digital readout and expanding bar graph displays signal strength and polarity
- 4 Sensitivity settings: Low, Medium, High, and Extra High
- Piezoelectric speaker
- Analog output for data logger entry
- 60-Hours operational life (intermittent usage) on 2 lithium 9-volt batteries
- First locator to use Environmentally Friendly and Safe, lithium batteries. The unit is shipped with two 9-volt lithium batteries installed, and a spare set of batteries stored in the case. Lithium batteries provide twice the life of alkalines, and have a 10-year shelf life.
- 4-Segment BATT LCD monitors battery charge
- Lightweight, easy-to-use-design reduces search time
- Modular construction; high performance components
- Patented HeliFlux® sensors
- No response to aluminum, brass, or copper

Specifications

Output

Audio

Switch at "A" Signal increases or decreases in volume with gradient-field intensity

Switch at "B" Signal increases or decreases in frequency with gradient-field intensity

Visual Digital readout and expanding bar graph indicate polarity (+ or-) and relative strength of the magnetic field

Battery Life 60 Hours (intermittent usage)

Input Power Two lithium 9-volt batteries

Battery Check 4-segment LCD BATT indicator

Weight Approximately 2.5 lb. (1.14 kg)

Operating Temp -13° to 140°F (-25° to 60°C)

Overall Length 34.5 in. (87.6 cm)

Waterproof Length 21 in. (53.3 cm)

Sensor Spacing 14 in. (35.6 cm)

Construction Modular, all solid state