



## GEOMAG-03



Inclinometer/declinometer installed in non-magnetic theodolite

The Declinometer/Inclinometer is an add-on to non-magnetic theodolites (THEO-10 or THEO-20). It is based on a fluxgate sensor which is added after all magnetic parts have been replaced and/or demagnetized. It is based on Carl Zeiss THEO 010B or 020B theodolites (customer to provide – these are presently not manufactured in Germany – available via internet resale or used)

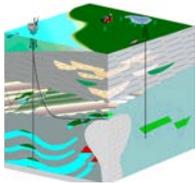
**Option 1:** For field work: It is equipped with an LCD indicator and special support to add to an existing tripod.

The LCD provides a contrast image in bright sunlight.

A special persistent foot allows you to mount the electronics unit on the surface almost vertically, which is convenient for the operator and allows you to do without an additional tripod or table.



**Option 2:** Laboratory version has an OLED display (optional audible alarm) optimized for laboratory conditions.



## KMS Technologies

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## Product specifications

Frequency band	DC – 2 Hz
Measured range	± 70,000 nT
Resolution of magnetic field	0.05 nT
Operating temperature range	Minus 5 to +40°C
Connecting cable	length 3 m
Power supply - internal	12 V, 1.2 A
Power consumption	<0.72 W
Dimension: sensor unit electronic unit	27 x 27 x 75 mm 130 x 55 x 177 mm
Weight: Sensor Electronic with battery	0.2 kg 1.5 kg

## Geomag-03 Order Information

1. **Field version:**
2. **Laboratory version:**

**Note:** Note specify if you provide theodolite or request a quote from us.

Please contact [info@KMSTechnologies.com](mailto:info@KMSTechnologies.com) or [sales@LEMIensors.com](mailto:sales@LEMIensors.com) for more information and get your customized quote today!