

# Portable Declinometer – Inclinometer LEMI-203



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Wide range of laboratory, industry and field applications.

## Main features:

- High resolution
- Low noise
- Low temperature drift
- Low power consumption
- Analog output
- Inner battery
- Socket for charger/power supply
- Automatic or manual band switch
- 1 – year guarantee

LEMI-203 magnetometer is produced on the base of one-component fluxgate sensor. The construction of its housing has the fixation side, which fits the corresponding fixation place of Zeiss theodolite and allows adjusting conveniently the direction of magnetic axis of the sensor.

The non-magnetic 3N2KP-NM theodolite is also available and can be procured together with the magnetometer.

## Technical Specifications:

Full measuring range	$\pm 100000$ nT
Three subranges, switched automatically, with limits and resolution on display correspondingly	$\pm 2000$ nT – 0.1 nT $\pm 20000$ nT – 1.0 nT $\pm 100000$ nT – 10 nT
Noise level in the frequency band 0.01 Hz, rms	20 pT
Power supply	12 V (inner battery Hitachi HP 3-12)
Power consumption	0.5 W
Operation temperatures	0 ... +50°C
Weight	sensor unit 150 g electronics unit: 2,5 kg (with battery)
Length of connecting cable	2 or 5 m