

M-Test LL

Meter for measuring of residual magnetism

MAGNETIC
Test



- Detecting smallest areas of residual magnetism with fast reacting LED
- Automatic storage of maximum values for north - and south pole
- Color touch screen with reset for maximum values
- Measuring of smallest magnetic fields due to low and defined distance between sensor and probe surface
- Digital zero adjustment
- Temperature compensated sensor, no drift

Measuring residual magnetism in a fast and reliable way

The M-Test LL is robust and easy to operate. The color touch screen shows the measured values and automatically saves the maximum values which can be reset by the screen. Zero adjustment is done with push-buttons. The LED at the probe tip indicates smallest areas with residual magnetism with a response time below 1ms. The probe is connected to the

indicating device by a spiral cable which is pluggable on both sides.

The basic configuration has an analog output. With the option «USB interface» the measured values can be evaluated on a PC. The software is included.

	M-Test LL-A	M-Test LL-G	M-Test LL-T
Range in magnetic DC field	+/-200 A/cm	+/-200 Gauss	+/-20 mT
Resolution	0.1 A/cm	0.1 Gauss	0.01 mT
LED threshold	Approx.+/-1.7 A/cm	Approx.+/-2.1 Gauss	Approx.+/-0.21 mT
Zero point stability after switching on	+/-0.1 A/cm	+/-0.1 Gauss	+/-0.01 mT
Analog out (zero reference 2.0V)	+/- 1.76V full scale	+/- 1.4V full scale	+/- 1.4V full scale
Accuracy	+/-1.5% of full scale; +/-1 digit		
Sensor type Probe M-Test LLP 0.5	Hall sensor, temperature compensated, no drift Distance of active hall effect zone 0.5mm from probe surface		
Polarity indication on LED	red= north pole, green=south pole, orange= out of range (overflow)		
Automatic OFF	7min on battery		
Battery type	Lithium Polymer battery, 2 cells		
Endurance	Approx. 7h		
Probe cable	Spiral cable, stretched length 2m		
Dimensions of measuring device	166x106x34mm		
Dimensions of probe	70x12x3.5mm protruding from handle		
Weight (probe/indicator) / shipping	500g/ 1000g		

Scope of delivery

- Probe
- Indicating device
- Spiral cable for probe
- Charger
- USB cable
- Storage case

Made in Switzerland 

Options / Accessories

- Calibration certificate for documenting traceability to national standards
- USB interface with software
- Probe M-Test LLP 2.0 with distance of hall effective zone 2.0mm from probe surface
- Probe M-Test LLP-A 0.5 with analog output for operation on 24V
- Reference magnet
- Instrument case
- Zero Gauss chamber 17" or 21" for residual magnetism measuring

Magnetizing & Demagnetizing Technology



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