

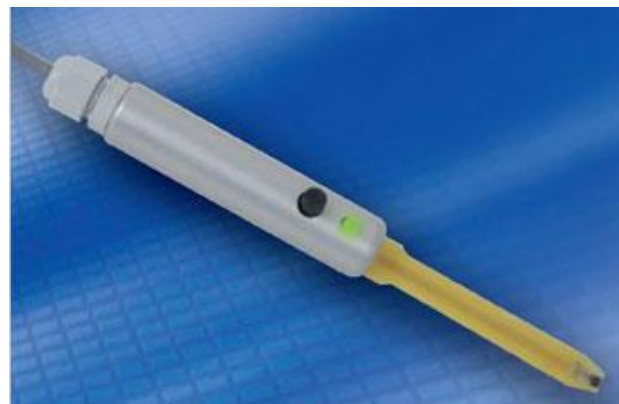
Maurer Magnetics M-Test MK4

Universal meter for measuring magnetic fields



The M-Test MK4 detects and measures static or dynamic magnetic fields. The tangential probe is only 1mm thick, allowing for exact, accurately positioned measurements at hard to reach spots or on surfaces. The M-Test MK4 is especially suited for measuring permanent magnets or small ferromagnetic parts.

When the user runs the probe over the surface of a part, the magnetic field is easily detected by the fast reacting color LEDs. By pressing the button on the probe, the peak hold function makes it possible to easily find and determine the spots with the highest field strength for any polarity.



Specifications:

Measuring Range, DC field	-19.99 ... 19.99 mT or -15.9 ... 15.9 kA/m -199.9 ... 199.9 mT or -159 ... 159 kA/m -1999 ... 1999 mT or -1590 ... 1590 kA/m (mT – kA/m selectable)
Measuring Range, AC field	14.14 mT or 11.25 kA/m 141.4 mT or 112.5 kA/m 1414 mT or 1125 kA/m True-RMS frequency range 14 ... 1000Hz sine, triangle, rectangle
Accuracy in homogenous magnetic field	+/- 1.5% in low range; +/- 1 digit at 23°C +/- 0.6% in mid range; +/- 1 digit at 23°C +/- 0.6% in high range; +/- 1 digit at 23°C
Zero Offset (after 1 min.)	+/- 0.05 mT; +/- 0.04 kA/m
LED polarity display on the probe	Red = north pole, green = south pole, orange = AC field
Polarity display on the gauge	() = north pole, (-) = south pole
Threshold of polarity display (LED)	+/- 0.5 mT; +/- 0.4 kA/m
Automatic Off with battery power	4 minutes without activity
Battery	9V, Type 6 LF 22; AM6. Endurance = 20 hrs.
Length of probe cable	1.2 m
Weight including battery	300 g.

M-Test MK4 Includes:

- M-Test MK4 Instrument
- Probe with Cable
- Battery
- Instruction Manual
- Carrying Case



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Options:

- Calibration Certificate for documenting traceability to national standards
- Software including data cable for recording and evaluating measured data
- Instrument Case
- Power adapter 9 V DC, power stabilized



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