

M-Test MK4

Universal handheld meter
for magnetic fields

MAGNETIC
Test



Universal meter for measuring magnetic fields

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

Magnetic fields are easily detected by the fast-reacting color LED, when the user runs the probe over the surface of the part. The Peak Hold function is controlled by pressing the button on the probe, which makes it possible to easily find and determine the spots with the highest field strength for any polarity.

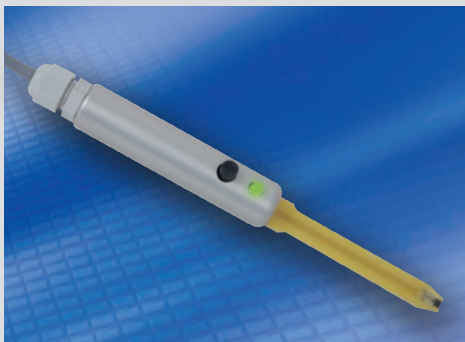
M-Test MK4	
Measuring range, DC field	-19,99...+19,99 mT or -15,9...+15,9 kA/m -199,9...+199,9 mT or -159...+159 kA/m -1999...+1999 mT or -1590...+1590 kA/m (mT – kA/m selectable)
Measuring range, AC field	14,14 mT or 11,25 kA/m 141,4 mT or 112,5 kA/m 1414 mT or 1125 kA/m True-RMS frequency range 14...1000 Hz 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 min
Battery	9 V, Type 6 LF 22; AM6. Endurance ~20hrs.
Length of probe cable	1,2 m
Weight, including battery	300 g

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

Made in Switzerland 

Measuring probe with button, LED, sensor



Standard set, without options



Instrument case with accessories



Magnetizing & Demagnetizing Technology



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