

# M-Test LR

Handheld meter for measuring  
ferromagnetic parts

**MAGNETIC**  
**Test**



## Reliably detect and measure residual magnetism on workpieces

The M-Test LR handheld meter quickly and precisely measures magnetic fields on ferromagnetic parts of all types. The specially reinforced and robust probe is suited for tough, industrial use.

The fast-reacting color LED immediately detects magnetic fields when the user runs the probe over the surface of the part. Fields over 0,5 mT or 4 A/cm are shown on the LED. The

button on the probe's body controls the measuring procedure. The user easily finds and determines spots with high magnetism levels, regardless of any polarity, by pressing the button.

Precise readings of the detected fields are carried out with the M-Test LR in the absence of a magnetic earth field – or with a special measuring procedure, which is described in the manual.

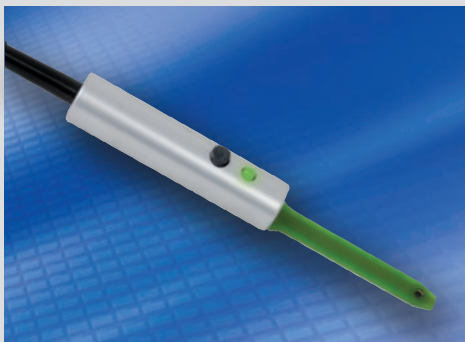
<b>M-Test LR</b>	
Measuring range, DC field	-19,99...+19,99 mT or -159...+159 A/cm (mT – A/cm selectable)
Measuring range, AC field	0...+14,14 mT or 0...+112 A/cm; True-RMS; frequency range 44 Hz...500 Hz sine, triangle, rectangle
Accuracy in homogenous magnetic field	+/- 1,5% of full scale; +/- 1 digit; at 23 °C
Zero-offset (after 1 min.)	+/- 0,05 mT; +/- 0,4 A/cm
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; +/- 4 A/cm
Automatic OFF with battery power	~4 min
Battery	9 V, Type 6 LF 22; AM6. Endurance ~20 hrs.
Length of probe cable	1,2 m
Weight, including battery	300 g

### Options

- Zero Gauss chamber
- Calibration certificate for documenting traceability to national standards
- Reference magnet 5 A/cm
- 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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