



MAGNETIC FIELD METER MP-1000



Product characteristics

- The universally applicable MP-1000 tests for residual magnetism, measures magnetic fields of all kinds and localises stray fields for crack detection.
- With just one push of a button you get exact measurement results from weak earth magnetic fields up to 20,000 A/cm strong fields (switchable in Gauss/Oersted)
- Especially with high magnetic field strengths, it is important to have extremely interference-free and precise measurements. This is made possible by a microcontroller in the measuring probes of the MP-1000

Technical data

Measuring units:	A/cm - Gauss(Oe) switchable (1 A/cm = 1,256 Gauss = 1,256 Oersted)
Insertable measuring probes:	Axial probes P-A2 and P-W2, tangential probes P-T2 and P-Z2
Measuring range DC field / DC:	0-20.000 A/cm
Measuring range alternating field / AC:	20-20.000 A/cm
Accuracy:	in the homogeneous field $\pm 2\%$ of the measured value ± 1 digit
Resolution:	0-100 A/cm: 0.1 A/cm ≥ 100 A/cm: 1 A/cm $\geq 1,000$ A/cm: 10 A/cm $\geq 10,000$ A/cm: 100 A/cm
Frequency range AC:	10 Hz – 5 kHz
Peak memory:	with pulse time ≥ 0.1 msec

Technical changes reserved!



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Display:	LCD display 3-digit
Power supply:	2x 1.5 V AA Mignon
Operating time:	approx. 35 hours
Dimensions:	105 x 65 x 26 mm
Weight:	137 g with batteries
Scope of delivery:	<p>MP-1000 without probe, with probe cable and case, including calibration certificate.</p> <p>The probe must be ordered separately.</p> <ul style="list-style-type: none">• Axial field probe P-A2: art. no. 184• Tangential field probe P-T2: art. no. 348 <p>Recommended optional accessories:</p> <ul style="list-style-type: none">• Precision calibration standard 180 A/cm: art.-no. 1869

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