



7952 Nieman Road, Lenexa, KS 66214-1560 USA  
 Phone: 913-685-0675, Fax: 913-685-1125  
[www.ndtsupply.com](http://www.ndtsupply.com), [sales@ndtsupply.com](mailto:sales@ndtsupply.com)



# Magnetic Field Meter MP-1000

Product no.: 2003

## Magnetic Field Meter MP-1000

The List-Magnetik MP-1000 magnetic field meter is a handy universal device with externally connectable transversal and axial field probes for the precise measurement of all types of magnetic fields: steady DC fields, alternating AC fields and pulsed fields.

With the easy one-button operation, magnetic field strength can be measured from the weak earth magnetic field up to strong fields of 20,000 A/cm, switchable in Gauss/Oersted.

A separate built-in micro controller in the MP-1000's measuring probes digitizes and linearizes the analog measurement signals of the hall sensor into the probe. This gives an extremely trouble-free and precise measurement, especially at high magnetic field strengths.

The probe cable is pluggable at both ends, at the display unit and the probe, which is particularly service-friendly, as the cable can simply be replaced if it becomes faulty.

Applications of the Magnetic Field Tester **MP-1000** are the test for residual magnetism, the measurement of magnetic fields of all kinds, as well as the localization of stray fields for crack detection.



### Technical data:

Measurement units:	A/cm - Gauss(Oe) switchable (1 A/cm = 1.256 Gauss = 1.256 Oersted)
Applicable measuring probes:	axial probes P-A2 and P-W2, transversal probes P-T2 and P-Z2
Measuring range DC:	0-20,000 A/cm
Measuring range AC:	20-20,000 A/cm

Accuracy:	in the homogeneous field $\pm 1$ A/cm up to 50 A/cm, $\pm 2$ % of measured value from 50 A/cm
Resolution:	0–100 A/cm: 0.1 A/cm >= 100 A/cm: 1 A/cm >= 1,000 A/cm: 10 A/cm >= 10,000 A/cm: 100 A/cm
AC Frequency Range:	10 Hz – 5 KHz
Peak Hold:	with impulse duration >= 0.1 msec
Display:	LCD display 3 digit
Power supply:	2x 1.5 V AA Mignon
Operating time:	approx. 35 h
Dimensions:	105 x 65 x 26 mm
Weight:	137 g with batteries
Warranty:	12 months
Customs tariff no.:	9031 8080

**Scope of supply:**

MP-1000 without probe, with probe cable and case, including calibration certificate. **The measuring probe needs to be ordered separately**

**Applicable measuring probes:**

2810 Axial Field Probe P-A2

[2811 Transversal field probe P-T2](#)

[2812 Transversal flexible reed probe P-Z2](#)

[2813 Angular Axial Probe P-W2](#)

**Recommended Optionals:**

[2102 Precision Calibration Standard 180 A/c](#)

**NDT Supply.com, Inc.**

7952 Nieman Road  
Lenexa, KS 66214-1560 USA

Phone: 913-685-0675, Fax: 913-685-1125  
e-mail: [sales@ndtsupply.com](mailto:sales@ndtsupply.com), [www.ndtsupply.com](http://www.ndtsupply.com)

