

## Magnetic Field Meter / Gaussmeter MP-1000



The handy magnetic field meter List-Magnetik MP-1000 with externally connectable transversal and axial field probes measures exactly magnetic fields of all kinds such as equal fields, alternating fields and pulse fields. The device is also excellently suited for residual magnetism.

The universal device is easy to operate: a single touch pressure is sufficient to precisely measure magnetic field strengths. The field of application ranges from the weak earth magnetic field up to 20,000 A/cm in strong fields.

The optional calibration standard always gives you the certainty that your device is working correctly.



Technical Data	
Measuring 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
Frequency range AC:	10 Hz – 5 kHz
Peak Hold:	with impulse duration $\geq 0.1$ 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

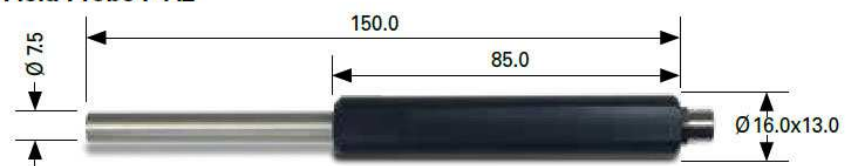
**Probes** for different measuring directions are available for the MP-1000.

**Axial probes** measure in the direction of the probe.

**Transversal probes** measure at an angle of 90° to the probe. The difference lies in the mounting of the Hall sensor.

Transversal probes are better suited for measurements in cavities or narrow pipes.

**Axial Field Probe P-A2**



**Transversal Field Probe P-T2**



**Transversal Flexible Reed Probe P-Z2** 0.9 mm thickness



**Angular Axial Probe P-W2**

