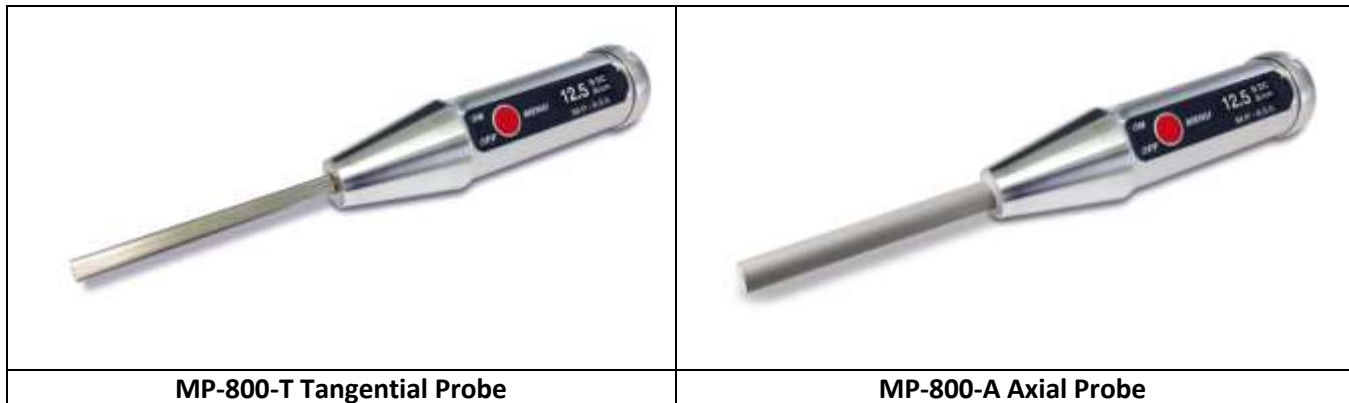


## List-Magnetik Magnetic Field Meter MP-800

Compact magnetic field meter / gaussmeter

The MP-800 is used for measurement of steady and alternating magnetic fields with axial or tangential field probe.



- Measuring range DC: 0-15,000 A/cm (18,840 G)
- Measuring range AC: 20-15,000 A/cm (250 – 18,840 G)

The small, compact LIST-MAGNETIK MP-800 works just as precisely as the bigger magnetic field meters. The MP-800 can perform all magnetic field measurements, it is easy to operate and measures exact DC and AC fields as well as maximum values for pulse fields. The MP-800 can display measurements in units of: A/cm, Gauss/Oersted or mT (Milli-Tesla).

The MP-800 is available with either axial (MP-800A) or tangential probe (MP-800T).

- The tangential field probe measures transversely to the probe axis. Optimal fields of application are air gaps, cavities and the surface of workpieces for NDT crack detection.
- The axial field probe measures the field in the direction of the probe axis at an exact distance of 2.0 mm. It is suitable for measurement on surfaces or in bores.

With a magnetic field meter / magnetometer / Gaussmeter / Teslameter (all names describe the same) you can see small differences in the strength of the magnetic field during the magnetic field measuring. From low field values just above the Earth's magnetic field, via residual magnetism/remanence with low A/cm or Gauss/Oersted residual magnetic field values up to peak fields, the magnetic field meters from List-Magnetik are durable and you get reproducible field strength values during the magnetic field test. In addition, an optional calibration standard (reference magnet), that can be used to check your magnetic field tester for accuracy.

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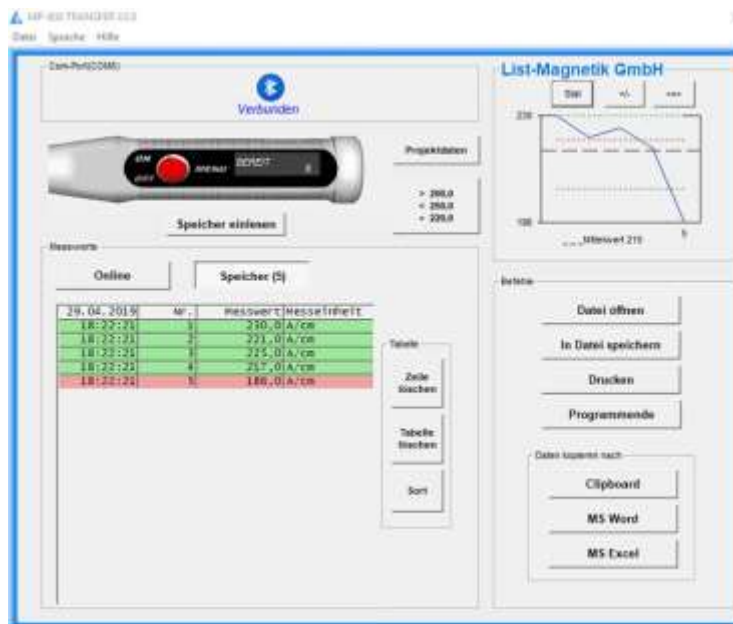


## Technical Data Magnetic Field Meter / Magnetometer / Gaussmeter / Teslameter MP-800

Measuring units:	A / cm - kA / m - Gauss (Oe) - Tesla switchable (1 A/cm = 0.1 kA/m = 1.256 Gauss = 1.256 Oersted = 0.1256 mT)
Measuring probe MP-800A:	Axial field probe $\varnothing$ 8mm with defined measuring distance of 0.080" (2.0 mm)
Measuring probe MP-800T:	Tangential field probe of 0.068" (1.7 mm) thickness with Hall Sensor distance of 0.9 mm
Measuring range DC:	0-15,000 A/cm (18,840 G)
Measuring range AC:	20-15,000 A/cm (250 – 18,840 G)
Accuracy:	in the homogeneous field $\pm$ 2%
Resolution:	0–200 A/cm: 0.1 A/cm, 200–600 A/cm: 1 A/cm, > 600 A/cm: 10 A/cm
Frequency range AC:	10 Hz - 5 kHz
Peak Hold:	Impulse duration $\geq$ 0.1 msec
Display:	OLED Graphic Display illuminated
Multilingual menu navigation:	German / English
Data logger:	500 measurements
Statistics:	Count / Maximum / Minimum / Average / Standard deviation
Interface:	Bluetooth interface class 2 for communication with PC, MP-800 App and printer
Power supply:	1x 1.5 V AA Mignon
Operating time:	approx. 30 hours
Dimensions:	$\varnothing$ 1 1/8" (28 mm) L 7 1/4" (180 mm)
Weight:	0.21 lbs. (97 g) with battery

Manage and send measurement data with a free application

So that you can easily manage and send your measurement data, the MP-800 TRANSFER application for MP-800A and MP-800T is available for the PC free of charge, as well as a free Mobile App for Android.



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Scope of supply Magnetic Field Meter / Magnetometer / Gaussmeter / Teslameter MP-800:

Magnetic Field Meter MP-800A / MP-800T with spare battery, Bluetooth adaptor and case, including calibration certificate.

Recommended Optional Accessories:

- Precision Calibration Standard 180 A/cm
- Thermo Printer TOP-PRINT
- Data Transfer Application MP-800 TRANSFER (free software download)