



MFM 1000 is a professional instrument specially designed for quick and accurate measurements of magnetic fields in the VLF frequency range.

MFM 1000 has a three axis coil sensor system giving direct reading of total field independent of direction in full accordance with MPR 1990 and MPR 1987 requirements. Dominant frequency and the separate X, Y and Z-axis results are also available.

MFM 1000 represents a qualified measurement technology implemented with microprocessor controlled sampling technique. This ensures an instrument with the highest accuracy and long term stability.

MFM 1000 is easy to use with built in functions for logging and direct printout of results.

MFM 1000 together with the Combinova Measurement Software package is a powerful computer controlled system including graphical setup, presentation and result management.



MAGNETIC FIELD METER 1000



TECHNICAL DATA

Measurement range:	5 - 1 400 nT RMS (MPR 1990) 10 - 2 000 nT peak (MPR 1987) 5 - 500 mT/s peak (MPR 1987)
Frequency range:	2 - 400 kHz
Measurement time:	1 measurements per 2,5 second (single) 1 measurement per second (RMS continuous) 4 measurement per second (peak continuous)
Measurement accuracy:	Better then 3 % of measurement range
Result storage:	80 measurements
Communication:	RS232C serial
Display type:	2 x 4 digits LED
Operating temperature:	10 - 40°C, 10-85% relative humidity
Power:	15 VA, 100-120 or 200-240 VAC , 47-63 Hz
Weight:	2,6 kg
Dimensions:	500x200x100 mm

Order numbers:

10-01 MFM 1000 standard version * 200-240 VAC
10-02 MFM 1000 standard version * 100-120 VAC

* includes turntable, tripod, distance measuring device, carrying case, power cord and user's manual.

Warranty:

Warranty includes material and manufacturing failures within one year from date of delivery.

Also available from Combinova:

MFM 10 *ELF magnetic field meter*
EFM 100 *ELF and VLF electric field meter*
EFM 200 *Electrostatic, ELF and VLF electric field meter*



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Specifications subject to change without notice.