

**Magnetic Field Meter 3000**

is a professional magnetic field instrument with a unique combination of features like:

- real time wideband spectrum analysis in three dimensions.
- waveform capture for signal analysis.
- orthogonal coils sensor for field direction independence.
- wide frequency range 5 Hz - 400 kHz with built in flexibility for application specific settings.
- wide dynamic range from 10 nT to 10 mT with true RMS measurements of both the wideband or any frequency specific magnetic field.
- flexible logging with user selectable data formats with RMS-values, spectrum and waveform.
- touch panel display with numerical and graphical result presentation.

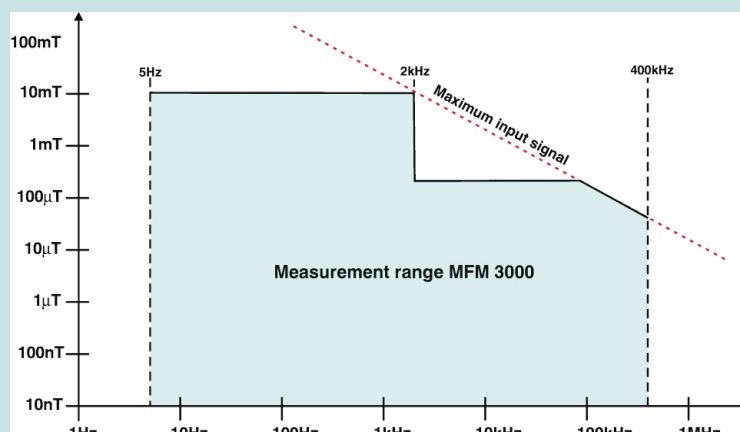
Magnetic Field Meter 3000

is designed to handle a variety of applications.

- EN 50366 and IEC 62233 compliance measurements of household appliances with built in evaluation against reference levels.
- ICNIRP measurements of both occupational and public exposure with complete built in evaluation against reference levels.
- flexible general purpose magnetic field measurements with multiple possibilities to select application specific frequency response and result presentation.
- single, burst or continuous measurements, manual and automatic logging.
- full remote mode capabilities controlled from a PC.
- PC support software to handle remote mode operation, storage, presentation and report generation.

TECHNICAL DATA

Measurement range:



Frequency range:

5 Hz – 400 kHz

Frequency response:

Selectable:

- flat
- according to EN 50366 and IEC 62233
- according to ICNIRP

Accuracy:

$\pm(1 \% \text{ of reading} + 2 \text{ nT})$

Sensor:

Orthogonal three axis coil. Coil area 100 cm²

Display type:

Graphical display 320x240 dots with touch panel

Communication:

USB 2 interface for PC communication

Power:

Smart Litium ion battery, 10.8 V and 5.5 Ah
Universal battery charger 90-250 V, 45 – 65 Hz

Weight:

2.5 kg

Size:

400 x 110 x 190 mm (LxWxH)

Operating environment:

-20⁰C to +50⁰C, 10 to 85 % relative humidity

Specifications subject to change without notice

Ordering information:

Order number

14-01

91-03

Product

MFM 3000 standard version*

Tripod

* Standard version includes battery charger, communication cables, operator's manual and transportation case.

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