



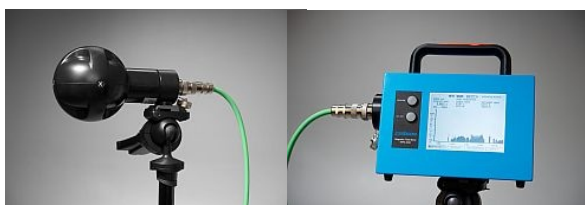
Magnetic Field Meter 3000 is a magnetic field instrument with a unique combination of features like:

- real time wideband spectrum analysis in three dimensions
- peak-detection in time domain measurement
- orthogonal coils sensor for field direction independence
- frequency range 5 Hz - 400 kHz
- dynamic range from 10 nT to 10 mT (high field version 100 nT to 100 mT) with true RMS measurements of both the wideband or any frequency specific magnetic field
- logging with RMS-values and spectrum
- touch panel display with numerical, and graphical result presentation
- separate probe version

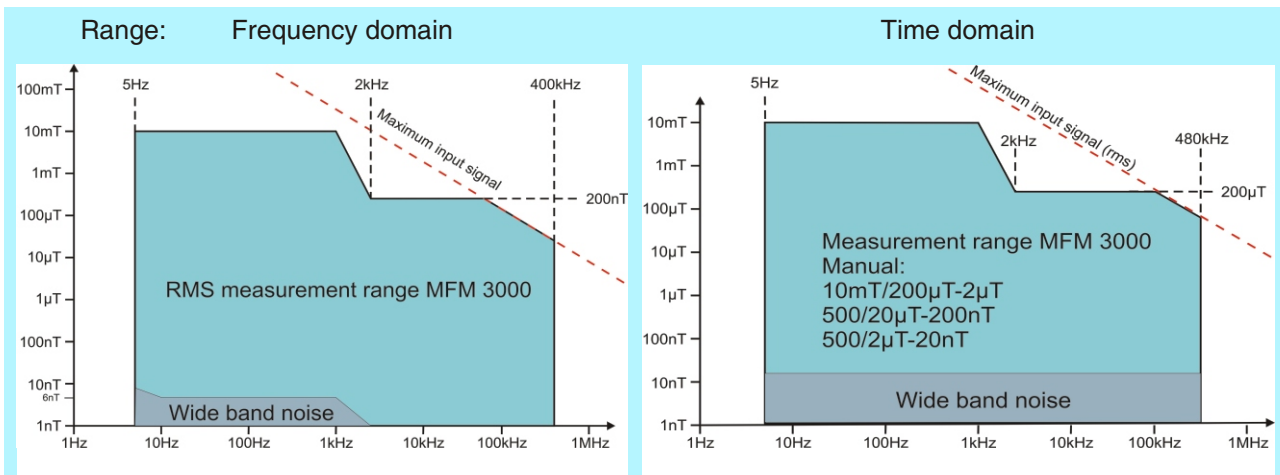
Magnetic Field Meter 3000 is designed to handle a variety of applications:

- ICNIRP measurements of both occupational (2010) and public (1998) exposure with built in evaluation against reference levels
- general purpose magnetic field measurements with possibilities to select frequency response, and result presentation
- single or continuous measurement
- manual and automatic logging, up to 7932 readings including FFT
- remote mode capabilities controlled from a PC
- PC support software to handle remote mode operation, storage, presentation, analysis, and report generation

Evaluation against:  
 ICNIRP occupational 1998 and 2010  
 ICNIRP public 1998 and 2010  
 En 50500 occ and pub  
 En 62233 ICNIRP  
 IEC 62233 IEEE  
 EU Directive 201335, AL Low, AL High and AL Limbs



## TECHNICAL DATA



Frequency range:	Frequency domain	5 Hz – 400 kHz
	Time domain	10 Hz – 200 kHz
Frequency response:	Selectable:	
	- flat	
	- according to ICNIRP public and occupational exposure	
Accuracy:	Frequency domain	1 % of reading +2 nT) 5 Hz – 400 kHz
	Time domain	5 % of reading) 10 Hz – 200 kHz
		- 3dB at 5Hz and 400kHz
Sensor:	Orthogonal three axis coil. Coil area 100 cm <sup>2</sup>	
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 4.8 Ah Universal battery charger 90-250 V, 45 – 65 Hz	
Weight:	3.2 kg (seperate probe version 3.0kg + probe 0.5kg)	
Size:	415 x 126 x 220 mm (LxWxH)	
Operating environment:	-20 C to +50 C, 10 to 85 % relative humidity	

Specifications subject to change without notice

Ordering information:	Order number	Product
	14-01	MFM 3000 standard version*
	14-02	MFM 3000 seperate probe version**
	14-12	MFM 3000H (high field) seperate probe version**
	91-03	Tripod

\* Includes battery charger, communication cable, manual, and transportation case

\*\*Includes probe, 2m probe cable, battery charger, communication cable, manual, and transportation case  
PC software available for free, download from [www.combinova.se](http://www.combinova.se)

Warranty includes material and manufacturing failures within 2 year from date of delivery