

NFA1000

3D-LF-Analyser with Data Logger

our masterpiece - for a thorough and in-depth analysis!

The NFA1000 is the top model of the NFA meters. Of course, all common technical parameters of the NFA series are implemented.

Exclusive highlights in addition to the 3D magnetic field measurement

- THREE-dimensional potential-free measurement of the electric field - without additional "cube" - making the impossible possible thanks to our patents DE102008045360 and DE102007025911.
- The potential free measurement of a sleeping area at 9 individual spots is optimally supported by the firmware of the NFA1000 allowing it to be fully completed in less than a minute. With a mouseclick, NFAsoft supplies the frequency and axis specific visualisation of the measurement.
- Non-isolated electric field measurement possible with integrated sensor or with the optionally available TCO conform probe TCO3.
- An integrated voice recorder facilitates the measurement analysis.



Technical Data:

Frequency Range:	5 Hz to 1000 KHz (compensated), also includes modern power adapter radiation, reducible to 400 KHz for TCO measurements
Measurement Range:	Magnetic flux density: 1 - 19999 nT Electrical flux density: 0.1 - 1999 V/m
Accuracy:	50 / 60 Hz: +/- 5 % 16 Hz - 30 kHz: +/- 1 dB 5 Hz - 1000 kHz: +/- 2 dB Isotropic deviation: +/- 1.5 dB Offset +/- 5 digits
Sensor:	Electrical field strength, potential free, 3D Electrical field strength, non-isolated Magnetic flux density, 3D
Audio Analysis:	Field-strength-proportional acoustic signal (with "Geiger counter" effect), switchable
Electric power supply:	7.4-Volt Li-ion high quality battery pack (included) Average operating life in the logging mode 36 h Low-batt indication Auto-Power-Off function (saves capacity and is deactivated during longterm measurements); Power supply unit included
Signal Rating:	trueRMS, Peak, Peak Hold
Further Questions:	Two years warranty
Weight:	1,5 kg

Scope of Delivery:

- Meter with silicone holster
- 4GB SDHC SD-card
- USB-cable
- NFAsoft analysis software
- highly flexible grounding cable with a 1 mm² copper diameter
- grounding clamp
- internal Li Ionen-battery pack
- power supply unit
- manual
- plastic case