

Low frequency analyser ME3851A

compact and professional

GIGAHERTZ
SOLUTIONS
Made in Germany

This device represents the low-cost access to the professional low-frequency measurement technology. Its functions and features are tailored to the needs and practical experiences of the building biology.

Comprises all features of the ME3840B, and additionally offers:

- Responsivity increased by a factor of 10 (minimum display resolution: 0.1 V/m / 0.1 nT).
- NiMH battery, battery charger / power supply unit included.
- An AC- and a DC-output.
- Increased reliability by the use of a test switching mode for the zero deviation.
- Perfectly suitable also for potential-free measurements with the help of the potential-free mounting for LF measurement devices.



Technical Data:

Frequency Range:	5 Hz - 100 KHz (compensated, better than -2 dB). Switchable, internal frequency filter: 16.6 Hz bandpass, 50 Hz highpass, 2 kHz highpass for identification and evaluation of sources of pollution
Measurement Range:	Magnetic flux density (unidimensional): 0.1 - 1999 nT Electric field strength: 0.1 - 1999 V/m
Accuracy:	+/- 2 %, +/- 7 digits @ 50/60 Hz
Sensor:	E-field sensor for electrical LF- fields H-field sensor for magnetic LF-fields (one-dimensional)
Audio Analysis:	acoustic signal proportional to the field strength with "Geiger-counter-effect"
Signal Rating:	RMS
Outputs:	AC- and DC-output
Further Questions:	2 years warranty
Weight:	0,74 g

Scope of Delivery:

- Measurement device
- highly flexible grounding cable with a copper diameter of 1mm²
- grounding clamp
- NiMH battery inside the meter
- mains adaptor
- battery charger
- various adaptors
- detailed instructions manual
- plastic case

Set Offers:

- MK60-3D 147 Euro

Upgrades:

- NFA 400

Protective Shielding:

- SLS4000
- NA7