


EMF/ELF Meter

 **Measure electromagnetic field radiation levels**
From fans, electrical appliances, wiring, and power lines

Features:

- Large 1/2" LCD (1999 count) display of Electromagnetic Field (EMF) level in milliGauss or microTesla
- Accurate measurements to 4% over a measuring range of 0.1 to 199.9mGauss (0.01 to 19.99 μ Tesla)
- ELF frequency bandwidth of 30 to 300Hz
Single axis - sampling 2.5 times per second
- CE approved, one year warranty
- Dims: 5.2x2.8x1"(132x71x25mm);
Weight: 6oz (170g)
- Complete with 9V battery



Specifications	
Range	0 to 199.9mG (milligauss) 0 to 19.99 μ Tesla
Frequency Bandwidth	30 to 300 Hz (ELF frequency range)
Accuracy	$\pm(4\% + 3\text{digits})$ at 50-60 Hz
Number of Axes	Single axis

Warranty

EXTECH INSTRUMENTS CORPORATION warrants this instrument to be free of defects in parts and workmanship for **one year** from date of shipment (a six month limited warranty applies to sensors and cables). If it should become necessary to return the instrument for service during or beyond the warranty period, contact the Customer Service Department at (781) 890-7440 ext. 210 for authorization or visit our website www.extech.com for contact information. A Return Authorization (RA) number must be issued before any product is returned to Extech. The sender is responsible for shipping charges, freight, insurance and proper packaging to prevent damage in transit. This warranty does not apply to defects resulting from action of the user such as misuse, improper wiring, operation outside of specification, improper maintenance or repair, or unauthorized modification. Extech specifically disclaims any implied warranties or merchantability or fitness for a specific purpose and will not be liable for any direct, indirect, incidental or consequential damages. Extech's total liability is limited to repair or replacement of the product. The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied.

Specifications

Display	0.5" (13mm) 3-1/2 digit (1999 count) LCD with low battery and overload indication
Measurement rate	Approx. 0.4 seconds
Maximum ranges and resolution	19.99 μ Tesla (0.01) and 199.9mGauss (0.1) NOTE: 1 μ Tesla = 10 milli-Gauss
Accuracy	\pm (4% + 3 digits) @ 50/60Hz
Frequency bandwidth	30 to 300Hz (single axis measurements only)
Over-range indication	"1___" is displayed
Operating Temperature/Humidity	Temperature: 32 to 122°F (0 to 50°C) RH: 90% max. (0 to 35°C); 80% max. (35 to 50°C)
Power source	9V Battery
Power consumption	Approx. 3mA DC
Dimensions	5.2 x 2.8 x 1" (131 x 70 x 25mm)
Weight	0.36 lbs. (165g)