

EMF450 Multi-Field EMF Meter



Convenient 3-in-1 EMF meter simultaneously measures and displays Magnetic Field, Electric Field, and Radio Frequency Strength. Ergonomic pocket-sized design with an easy-to-navigate menu. Large vivid color TFT display shows digital readings, bargraphs, and trending graph.

Applications:

- Home appliances
- Power lines,
- Electrical appliances
- Industrial devices
- Mobile/cell phones
- Base stations



Features

- Multi-Field measurements: Magnetic Field, Electric Field, and Radio Frequency (RF) Strength
- Magnetic Field Triple Axis Sensor (X, Y, Z)
- Audible alarm
- 2.4" (240 x 320 pixels) color TFT display
- Adjustable screen brightness (low, medium, high)
- Store up to 20 RF historical records
- Data Hold and Auto Power Off with disable feature
- Five languages: English, Traditional/Simplified Chinese, Japanese, Spanish
- Complete with 3 AAA batteries and USB power supply cable

| Specifications | Range | Max Resolution | Basic Accuracy |
|-------------------------------|--|---|------------------|
| Magnetic Fields (50/60Hz) | 20/200/2000mG 2/20/200μT | 0.02/0.1/1mG 0.02/0.1/1μT | ±(15%+100 digit) |
| Electric Fields (50/60Hz) | 50V/m to 2000V/m | | ±(7% + 50dgt) |
| RF Strength (50MHz to 3.5GHz) | 0.02μW/m ² to 554.6mW/m ² | 0.02μW/m ² | |
| | 0.02μW/cm ² to 55.4μW/cm ² | 0.002μW/cm ² | |
| | 36.1mV/m to 14.46V/m | 0.2mV/m | |
| | 0.02mA/m to 38.35mA/m | 0.2μA/m | |
| | -51dB to 16dBm | 2dB | ±2dB at 2.45GHz |
| Dimensions/ Weight | 4.5 x 2.4 x 0.8" (115 x 60 x 21mm)/ 4.2oz (120g) | | |
| Bargraph | Magnetic Fields | RF Strength | Electric Field |
| Green | 0 to 10.00mG | 0 to 0.99mW/m ² 0 to 0.59V/m | 0 to 500V/m |
| Yellow | 10.01 to 100mG | 1 to 9.99mW/m ² 0.6 to 1.9V/m | 501 to 1000V/m |
| Red | 101 to 2000mG | >10mW/m ² >2V/m | >1001V/m |

Ordering

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UPC Code: 793950224502