EXTECH ®
INSTRUMENTS

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

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)	0.02uW/m² to 554.6mW/m²	0.02µW/m²	
	0.02uW/cm² to 55.4uW/cm²	0.002µW/cm²	
	36.1mV/m to14.46V/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/m² 0 to 0.59V/m	0 to 500V/m
Yellow	10.01 to 100mG	1 to 9.99mW/m² 0.6 to 1.9V/m	501 to 1000V/m
Red	101 to 2000mG	>10mW/m² >2V/m	>1001V/m

Ordering

EMF450 .... Multi-Field EMF Meter

UPC Code: 793950224502

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