

EMF510

EMF/ELF Meter



The Extech EMF510 measures energy from electromagnetic fields (EMF) and electrical signals and is sensitive to extremely low frequency levels (ELF). The built-in single-axis sensor is ideal for monitoring power lines, electrical appliances, fans and blowers, and electrical circuits in two ranges with milli-Gauss and micro-Tesla units. The EMF510 features a large backlit LCD for viewing in dimly lit areas, an ergonomic compact design with wrist strap, auto power off, and Min/Max function.



Features

- Measure EMF/ELF levels in milliGauss (mG) or microTesla (μ T) up to 2000mG (200 μ T) with two ranges to choose from
- Built-in single axis sensor provides basic accuracy reading of $\pm 5\%$
- 30 to 300Hz bandwidth
- Backlit display to view in dimly lit areas
- Data Hold and Min/Max functions
- Auto power off with disable
- Tripod mount (optional TR100 Tripod sold separately)
- Complete with wrist strap and 3 AAA batteries

Specifications	Range	Max Resolution	Basic Accuracy
Range/Resolution	200.0/2000mG	0.1/1mG	$\pm(5\%+3 \text{ digits}) @ 50/60\text{Hz}$
	20.00/200.0 μ T	0.01/0.1 μ T	$\pm(5\%+3 \text{ digits}) @ 50/60\text{Hz}$
Bandwidth	30 to 300Hz		
Number of Axes	Single axis		
Dimensions	4.2 x 2.3 x 1" (107 x 58 x 25mm)		
Weight	5.6oz (160g)		

Ordering

EMF510 EMF/ELF Meter



UPC Code: 793950225103

Mouser Electronics

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