

## MF100 AC/DC Magnetic Field Meter



Measuring AC Magentic Field output from sprinkler relay system

Extech's MF100 measures both AC and DC Magnetic Field in Gauss and mT (milli Tesla) with a uniaxial Hall effect sensor and built-in ATC (Automatic Temperature Compensation). It also conveniently indicates North or South Pole on the display.

## Applications:

- Electric transmission equipment
- Power line
- Microwave oven
- Air conditioner
- Refrigerator
- Computer monitor
- Video/audio device
- Particle accelerators
- MRI
- Industrial & research labs - Transportation Systems
- Elevators
- Battery Power - Wind Power



## **Features**

- Utilizes Hall effect sensor with ATC (Automatic Temperature Compensation)
- N pole/S pole indicator
- Zero button for DC measurement
- Data Hold and Min/Max

- Auto power off with disable
- Complete with uniaxial magnetic probe sensor and protective cover, 9V battery, and hard carrying case

Specifications	Range	Max Resolution	Basic Accuracy	
DC milli Tesla	300.00mT	0.01mT	±(5% + 10d)	
	3000.0mT	0.1mT	$\pm (5\% + 10d)$	
DC Gauss	3000.0G	0.1G	±(5% + 10d)	
	30,000G	1G	$\pm (5\% + 10d)$	
AC milli Tesla	150.00mT	0.01mT	±(5% + 20d)	
	1500.0mT	0.1mT	$\pm (5\% + 20d)$	
AC Gauss	1500.0G	0.1G	±(5% + 20d)	
	15,000G	1G	$\pm (5\% + 20d)$	
Number of Axis	Uniaxial			
AC Bandwidth	50Hz/60Hz			
Dimensions	7.8x2.7x1.2" (195x68x30mm)			
Weight	9.5oz (270g)			

## **Ordering**

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UPC Code: 793950361108