

### TECHNICAL DATA



### Features

- Magnetic field, electric field, and radio frequency (RF) strength measurements
- 2.4" (50.8mm) (240 x 320 pixels) color TFT display
- Triple axis (X, Y, Z) RF, EMF and ELF sensor
- Audible alarm
- Data Hold and Min/Max functions
- Low battery indicator and auto shut-off
- Includes batteries

Model	Description
R9230	Multi-Field EMF Meter
CA-52A	Small Soft Carrying Case
R1500	Tripod

### Specifications

#### RF Strength

Measuring Range:

30.0mV/m to 11.00V/m  
0.02 to 32.0μW/cm<sup>2</sup>  
2.3μW/m<sup>2</sup> to 320.9mW/m<sup>2</sup>  
0.07 to 29.1mA/m

Accuracy:

±1dB at 1V/m and 900MHz

Resolution:

0.01, 0.1mV/m / 0.01V/m  
0.01, 0.1μW/cm<sup>2</sup>  
0.1, 1μW/m<sup>2</sup> / 0.1mW/m<sup>2</sup>  
0.01, 0.1mA/m

#### Magnetic Field

Measuring Range:

200 to 2000mG  
20 to 200μT

Accuracy:

±12% rdg +5 dgt

Resolution:

0.01μt, 0.1μT  
0.1mG, 1mG

#### Electric Field

Measuring Range:

50V/m to 2000V/m

Accuracy:

±10% rdg + 60 dgt

Resolution:

1V/m

#### General Specifications

Sensor Type:

Triple axis (X, Y, Z) RF, EMF and ELF sensor

Display:

2.4" TFT LCD display

Data Hold:

Yes

Min/Max Functions:

Yes

Audible Alarm:

Yes

Auto Shut-off:

Yes (after 10 mins)

Low Battery Indicator:

Yes

Power Supply:

3 x AAA

Product Certifications:

CE

Operating Temperature:

32 to 122°F (0 to 50°C)

Storage Temperature:

14 to 140°F (-10 to 60°C)

Operating Humidity Range:

<80%

Storage Humidity Range:

<70%

Maximum Operating Altitude:

6561' (2000m)

Dimensions:

4.2 x 2.4 x 1.0"  
(107 x 60 x 25mm)

Weight:

0.2lbs (106g)