

### 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<br>0.02 to 32.0μW/cm <sup>2</sup><br>2.3μW/m <sup>2</sup> to 320.9mW/m <sup>2</sup><br>0.07 to 29.1mA/m |
| Accuracy:        | ±1dB at 1V/m and 900MHz  |
| Resolution:      | 0.01, 0.1mV/m / 0.01V/m<br>0.01, 0.1μW/cm <sup>2</sup><br>0.1, 1μW/m <sup>2</sup> / 0.1mW/m <sup>2</sup><br>0.01, 0.1mA/m    |

#### Magnetic Field

|                  |                              |
|------------------|------------------------------|
| Measuring Range: | 200 to 2000mG<br>20 to 200μT |
| Accuracy:        | ±12% rdg +5 dgt              |
| Resolution:      | 0.01μt, 0.1μT<br>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"<br>(107 x 60 x 25mm)        |
| Weight:                     | 0.2lbs (106g)                                |