

Datasheet

Multi-Field EMF Meter



Features:

- Three measurements, electromagnetic field, electric field and RF field strength in one meter.
- Triple axis measurements of low frequency electromagnetic (EMF) fields.
- Color TFT LCD (resolution: 240 x 320) displays the reading of all the three fields simultaneously.
- Brightness options: low, middle and high.
- Magnetic unit: Gauss(mG) or. Tesla(uT)
- Electric unit: V/m
- RF Strength Unit: ($\mu\text{W}/\text{m}^2 \sim \text{mW}/\text{m}^2$) ($\mu\text{W}/\text{cm}^2$) (m V/m \sim V/m) (mA/m) (dBm).
- Data hold (HOLD) function.
- Auto power off.
- Auto ranging.
- Alarm sound on/off function.
- Low battery indication.
- USB mini B (5 pin) connector for the external USB powered supply.
- Multi-language operation interface, English, Traditional Chinese, Simplified Chinese, Japanese and Spanish.

Specification:

General specification:

- Display: 4 digits triple displays
- Sampling rate 1 sample / 6 seconds
- Power Supply: 1.5V AAA Alkaline Batteryx3pcs
- External USB powered supply (not included): Voltage DC 4.8 to 5.2V; current \geq 500mA
- Battery life: About 8 hours
- Dimension: 115mm x 60mm x 21mm (LxWxH)
- Weight: Approx. 120g with battery installed
- Accessories Manual, 1.5V battery x3pcs

Accuracy specification:

Sensor:	Magnetic Field Low Frequency Triple axis (X, Y, Z)	Electric Field Low Frequency	RF Strength High Frequency
Range:	0.02 to 2000mG, 0.02 to 200 μ T	50 to 2000V/m.	0.02 μ W/m ² to 554mW/m ²
Resolution:	0.01/0.1/1 mG or 0.01/0.1/1 μ T	1 V/m	0.01 μ W / m ² , 0.1 μ A/ m, 0.1mV/m, 0.001 μ W/cm ² , 1dB
Frequency:	50/60 Hz	50/60 Hz	50MHz to 3.5GHz
Accuracy:	\pm (15%+100dgt)	\pm (7%+50dgt)	\pm 2dB at 2.45GHz