

ELECTRO MAGNETIC FIELD TESTER

EMF-523

RADIO-FREQUENCY ELECTROMAGNETIC FIELD STRENGTH METER



- Back light
- Buzzer On/Off
- Over Range Display
- Low Battery Indication
- Auto Power Off

FEATURES :

- ✓ 4½ DIGIT
- ✓ 19999 COUNT
- ✓ DIGITAL, TRIAXLE MEASUREMENT
- ✓ DATA HOLD
- ✓ MAX / AVG RECORD
- ✓ AUTO POWER OFF : DEFAULT TIME 15 MIN ADJUSTABLE THRESHOLD 0~99 MIN.
- ✓ CONFIGURABLE ALARM THRESHOLD AND MEMORY FUNCTION
- ✓ EASY & SAFE TO USE
- ✓ THREE AXIS MEASUREMENT SENSOR
- ✓ SPY CAMERA & WIRELESS BUG FINDER
- ✓ MANUAL DATA MEMORY STORING
- ✓ CLOCK LCD DISPLAY

FREQUENCY RANGE : 0MHz~3.5GHz

SPECIFIED MEASUREMENT :

- CW SIGNAL (F>50MHz)
- 0.01 V/m~20 V/m
- 0.1 mA/m~532.6 mA/m, 1.1μW/m<sup>2</sup>~1000mW/m<sup>2</sup>

DYNAMIC RANGE : Typically 75dB

ABSOLUTE ERROR : 1V/m and 2.45 GHz : ±1.0dB

GENERAL SPECIFICATION

DISPLAY RESOLUTION : 0.1mV/m, 0.1μA/m, 0.1μW/m<sup>2</sup>, 0.001 μW/cm<sup>2</sup>

SETTING TIME : Typically 1.5s (0 to 90% measurement value)

SAMPLE RATE : 3 Times per second

UNITS : mV/m, V/m, μA/m, mA/m, μW/m<sup>2</sup>, mW/m<sup>2</sup>, μW/cm<sup>2</sup>

FREQUENCY RESPONSE

- Sensor taking into account the typical CAL factor :  
± 2.4dB (50MHz to 1.9 GHz)  
± 1.0 dB (1.9 GHz to 3.5 GHz)
- Isotropy deviation : Typically ±1.0 dB (f2.45 GHz)
- Overload Limit : 32μW/cm<sup>2</sup> (11.00V/m)
- Overload Limit : (0 to 50°) : ± 0.2 dB

POWER : 9V (6F22) x 1

|             |                                          |
|-------------|------------------------------------------|
| Dimension   | : H195x W60 x D60 mm                     |
| Weight      | : Approx 200 gms.                        |
| Accessories | : Soft Carry Case, User Manual & Battery |
| Qty         | : 40 Pcs. in a Box                       |