



Model No.: : TM-195

### **Product Description**

- RF range: 38mV to 20V/M
- Frequency range: 50MHz to 3.5GHz.
- Sensors: Triple Axis (X, Y, Z)
- Manual data memory (Max & AVG) records.
- Calibration factor, Alarm and Clock settings.

### **Specification :**

Display type: Liquid-crystal (LCD), 4-1/2 digits maximum reading 19999.

- Measurement method: Digital, triaxial measurement.
- Directional characteristic: Isotropic, triaxial.
- Measurement range selection: one continuous range.
- Display resolution: 0. 1mV/m, 0.1 $\mu$ A/m, 0.001 $\mu$ W/m<sup>2</sup>, 0.001 $\mu$ W/cm<sup>2</sup>
- Setting time: typically 1.5s (0 to 90% measurement value.)
- Sample rate: 1.5 times per second.

- Audible alarm: Buzzer.
- Units: mV/m, V/m,  $\mu$ A/m, mA/m,  $\mu$ W/m<sup>2</sup>, mW/m<sup>2</sup>,  $\mu$ W/cm<sup>2</sup>
- Display value: Instantaneous measured value, maximum value, average value, or maximum average value.
- Alarm function: adjustable threshold with ON / OFF
- Calibration factor CAL: adjustable
- Manual data memory and read storage:200 data sets.
- Batteries: 9V NEDA 1604, IEC 6F22 or JIS 006P
- Battery life: Approximate 15 hours.
- Auto power off: Default time 15 minutes. Adjustable threshold 0~99 minutes.
- Operating temperature range: 0°C to + 50°C
- Operating humidity range: 25% to 75 % RH
- Storage temperatures range: -10°C to +60°C
- Storage humidity range: 0% to 80% RH
- Dimensions: 60(L)\*60(W)\*195(H) mm.
- Weight (including battery): Approx.200g.
- Accessories: User's manual, 9V battery, Carrying case.

TM-195 is designed for measuring and monitoring Radio Frequency(RF) electromagnetic field strength and capable of measuring the frequency range of 50MHz~3.5GHz. It's ideal for the applications of:

- RF power measurement for transmitters.
- High frequency(RF)electromagnetic wave field strength measurement.
- Mobile phone base station antenna radiation power density measurement.
- Spy camera, wireless bug finder.
- Wireless communication (CW, TDMA, GSM, DECT) applications.
- Wireless LAN (Wi-Fi) detection, installation.

- Cellular /Cordless phone radiation safety level.
- Microwave oven leakage detection.
- Personal living environment EMF safety.