



TM-196 3 - Axis RF Field Strength Meter



TM-196 is designed for measuring and monitoring Radio Frequency(RF) electromagnetic field strength and capable of measuring the frequency range of 10Mz~8GHz. 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.

Measurement ranges	38mv to 11v/m
Display	3-3/4 digits maximum reading 3999
Frequency range	10MHz ~ 8GHz
Measurement units	mV/m , V/m , μ A/m , mA/m , μ W/m ² , mW/m ² , μ W/cm ²
Display resolution	0.1mV/m, 0.1 μ A/m, 0.001 μ W/m ² , 0.001 μ W/cm ²
Manual data memory	Read storage: 200 data sets.
Alarm function	Adjustable threshold with ON/ OFF
Memory Recall	Records Maximum & AVG
Calibration factor CAL	adjustable
Sampling Time	2.5 times per second.
Operating Temperature and Humidity	0 to 50°C (32°F to 122°F). Max. 80% RH.
Power Supply	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)*1
Battery life	approx. 5 hrs.
Weight	approx. 180g
Size:	380(L)*80(W)*77(H) mm.
Accessories:	Instruction manual and hard carrying case