Three-Axis RF Field Strength Meter

TM-195 50MHz to 3.5GHz Frequency Range
TM-196 10MHz to 8GHz Frequency Range

Features

- For isotropic measurements of electromagnetic fields.
- Non-directional (isotropic) measurement with three-channel measurement sensor.
- High dynamic range due to three- channel digital results processing.
- Configurable alarm threshold and memory function.
- Easy to use.
- NO diectional electric fied measurement and high sensitivity.
- Low baltery indication.
- Over load (OL) indicaion.
- Auto power off :

  Default time 15 minutes. Adjustable threshold 0~99 minutes.

Specifications

Models	TM-195	TM-196
Sensor type	electrical field (E).	
Frequency range	50MHz ~3.5GHz	10MHz~8GHz
Specified measurement range	CW signal (f >50MHz) : 38mV/m~11.00 V/m, 53.0uA/m~29.28mA/m , 0.1μW/m² ~323.3mW/m², 0.001μW/cm²~32.33 μW/cm²	CW signal (f >50MHz) : 50mV/m~11.00 V/m, 53.0μA/m~28.64mA/m, 1μW/m²~309.3μW/m², 0μW/cm² ~30.93μW/cm²
Dynamic range	Approx. 75dB	
Absolute error at 1V/m and 2.45GHz	± 1.0 dB @ 23°C ± 3°C, 25%~75%RH	
Display type	4½” LCD maximum reading 19999.	
Measurement units	mV/m, V/m, μA/m, mA/m, μW/m², mW/m²,μW/cm²	
Display resolution	0.1mV/m, 0.1μA/m, 0.01μW/m², 0.001μW/cm²	0.1 mV/m, 0.01V/m, 0.1μA/m, 0.001 mA/m, 0.001μW/m²,0.01 mW/m², 0.001μW/cm²
Manual data memory	200 data	
Alarm function	Adjustable threshold with ON/OFF	
Calibration factor CAL	Adjustable	
Sample rate	3 times per second	
Battery life	15 hours	Approximate 3 hours
Batteries	9V NEDA 1604, IEC 6F 22 or JIS 006P	
Dimensions	60x60x195mm (LxWxH)	370x80x80mm (LxWxH)
Weight (including battery)	Approx. 200g	Approx. 400g
Accessories	User’s manual, 9V battery, Carrying case.	