

# **ELECTROSMOG HIGH FREQUENCY RF FIELD STRENGTH METER 50MHz to 3500MHz WITH TRIPLE AXIS SENSORS**



## **TM-195**

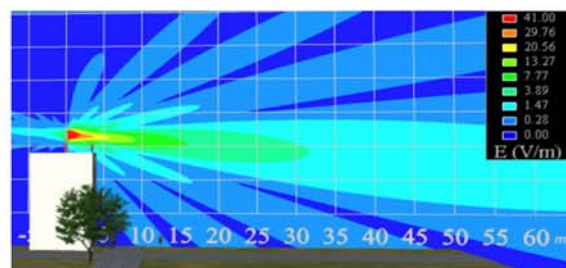


### **Introduction:**

The TM-195 electrosmog power meter is designed for measuring and monitoring High Frequency and Radio Frequency RF. It is capable of measuring the frequency range of 50MHz to 3500MHz with triple axis X,Y,Z isotropic sensors. The measurement can be displayed in W/m<sup>2</sup>,  $\mu$ W/cm<sup>2</sup>, mA/m or V/m with a range of 38mV/m to 20V/m. It is ideal for measurement of Wifi or WiMax, bluetooth, cellular phone 1G/2G/3G/4G, DECT phone, base station antenna, radio/television emitters, microwaves ovens, spy camera, micro-emitter, personal living environment EMF safety, etc... Measurements are displayed on a LCD monitor for instantaneous measured value, maximum value or average value, with data hold and alarm functions. It is equally possible to record up to 200 measurements.

### **Features:**

Sensors : isotropic triaxial X,Y,Z.  
Electromagnetic field RF units : W/m<sup>2</sup>,  $\mu$ W/cm<sup>2</sup>, V/m, mA/m.  
Range : 0,038V/m to 20,0 V/m. 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>.  
Display : 4-1/2 digits, LCD.  
Display value : instantaneous, maximum, average, maximum average values.  
Simple rate : 1,5 times per seconde.  
Alarm function : buzzer with adjustable threshold with on/off.  
Data hold : on/off.  
Data memory : up to 200 measurements.  
Auto power off : adjustable 0 to 99 mn.  
Calibration factor : adjustable.  
Battery life : approximate 15 hours.  
Operation temperature : 0°C to +50°C  
Storage temperature : -10°C to +60°C



### **Hardware & Electrical specifications:**

Dimensions device : 60 x 60 x 195mm. Weight : 250g.  
Dimensions package : 235 x 128 x 75mm. poids : 475g.  
With 1 alkaline battery 9,0V type 6F22 (include).

### **Item includes:**

Tester.  
Alkaline battery 9,0V type 6F22.  
Carrying case.  
User manual in English and French.

