

Data Sheet

EMF 1394

RS-232 ElectroMagnetic Field Tester (EMF Tester)

1. FEATURES

- ◆ The EMF tester is designed to provide user a quick, reliable and easy way to measure electromagnetic field radiation levels around power lines, home appliances and industrial devices.
- ◆ The EMF tester is a cost effective, hand-held instrument designed and calibrated to measure electromagnetic field radiation at different bandwidths down to 50Hz/60Hz.
- ◆ Display micro Tesla & milli Gauss in the same tester.
- ◆ Data hold function.
- ◆ RS-232 Optical interface.
- ◆ 999 Datalogging capacity.

2. APPLICATIONS

- ◆ This EMF tester is specifically designed to determine the magnitude of electromagnetic filed radiation generated by power lines, computer's monitor, TV sets, video machinery and many other similar devices.

3. SPECIFICATIONS

Display	3-1/2 digits. Max. indication 1999
Range	20/200/2000 milli Gauss 2/20/200 micro Tesla
Resolution	0.01/0.1/1 milli Gauss 0.001/0.01/0.1 micro Tesla
Number of Axis	Triple axis
Band Width	30 Hz to 2000 Hz
Accuracy	20mG/2μT ± (3% + 30d) ±(3%+3d) at 50Hz or 60HZ ±(5%+3d) at 40Hz to 200HZ -3dB at 30Hz to 2000HZ
Over-Input	Display shows "OL"
Datalogger	999 reading
Sampling Time	Approx. 0.5 second
Battery	6 pcs size AAA (Alkaline Battery)
Battery Life	Approx. 100 hours
Operating Temp and Humidity	0 to 40°C (32 to 104°F) below 80%RH
Storage Temp and Humidity	-10 to 60°C below 70%RH
Weight	Approx. 165g
Dimension	154x72x35 mm
Accessories Included	Operation Manual, 6 pcs size AAA (Alkaline Battery), Software for windows, RS-232 Cable.

