

ELECTROMAGNETIC FIELD TESTER
EMF METER

Model : EMF-823

ISO-9001, CE, IEC1010



20 micro Tesla
200 micro Tesla
2,000 micro Tesla

200 milli Gauss
2,000 milli Gauss
20,000 milli Gauss



LUTRON ELECTRONIC

The Art of Measurement

EMF TESTER (ELECTROMAGNETIC FIELD TESTER)

Model : EMF-823

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.
- * Wide measuring ranges, 20/200/2,000 micro Tesla, 200/2,000/20,000 milli Gauss.
- * The EMF tester is a cost effective, hand-held instrument designed and calibrated to measure electromagnetic field radiation at different bandwidths down to 50 Hz/60 Hz.

APPLICATIONS

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

SPECIFICATIONS

Display	13 mm (0.5") LCD, 3 1/2 digits. Max. indication 199.9.
Range(Tesla)	20 micro Tesla x 0.01 micro Tesla 200 micro Tesla x 0.1 micro Tesla 2,000 micro Tesla x 1 micro Tesla <i>* 1 micro Tesla = 10 milli-Gauss</i>
Range(milli-Gauss)	200 milli Gauss x 0.1 milli Gauss 2,000 milli Gauss x 1 milli Gauss 20,000 milli Gauss x 10 milli Gauss
Band width	30 Hz to 300 Hz.
Number of Axes	Single axis.
Accuracy (23 5 蚓)	$\pm (4 \% + 3 d)$ - 20 micro Tesla/200 milli Gauss range. $\pm (5 \% + 3 d)$ - 200 micro Tesla/2,000 milli Gauss range. $\pm (10 \% + 5 d)$ - 2,000 micro Tesla/20,000 milli Gauss range. <i>* Spec. accuracy tested under 50 Hz or 60 Hz.</i>
Over-input	Display shows " 1 " .
Sampling Time	Approx. 0.4 second.
Battery	DC 9 V battery (006P, 6F22).
Operating Temperature	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	215 g/0.48 LB (including battery).
Dimension	H.W.D. - 163 x 68 x 24 mm (6.4 x 2.7 x 0.9 inch).
Accessories Included	Operation Manual..... 1 PC.

CAUTION OF ELECTROMAGNETIC FIELD EXPOSURE

- * *Claims by some scientists that long term exposure to electromagnetic field may be the cause of childhood leukemia & other forms of cancer.*
- * *Complete answers to any of these and related questions are not currently available. At the present time the most common practice is to avoid excess exposure over long period of time.*
- * *"Prudent Avoidance" as stated by the Environmental Protection Agency(EPA) U. S. A. is recommended.*