200/2,000/20,000 mG, 20/200/2,000 Tesla
LCD with green color backlight

EMF TESTER

Model : EMF-832 *ISO-9001, CE, IEC1010*

Lutron

LUTRON ELECTRONIC

The Art of Measurement

EMF TESTER

Model : EMF-832

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.
* Three EMF measuring ranges, 20 micro Tesla/200 micro Tesla /2000 micro Tesla and 200 mG/2000 mG/20000 mG.
* 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.
* Microprocessor circuit assures high accuracy and provides special functions and features.
* Records Maximum, Minimum readings with Recall.
* LCD dspaly is with the backlight installation.
* Auto power Off or manual power Off.
* Data hold.
* Operates from 006P DC 9V battery.
* Heavy duty & compact housing case.

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.

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) USA is recommended.

GENERAL SPECIFICATIONS

Display	LCD size : 48.8 mm x 25.3 mm. LCD is with the backlight installation.
Circuit	Custom one-chip of microprocessor LSI circuit.
Measurement	EMF (Electromagnetic field radiation)
EMF Band width	30 Hz to 300 Hz.
Axes no. of EMF	Single axis.
EMF Range /Resolution	***micro 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 ***mili-Gauss :*** 200 mG x 0.1 mG 2,000 mG x 1 mG 20,000 mG x 10 mG * mG : mili-Gauss * 1 micro Tesla = 10 milli-Gauss
Over-input	Display shows ' − − − − .
Sampling Time	Approx. 1 second.
Battery	DC 9 V battery (006P, 6F22).
Power Current	Approx. DC 5 mA. ** Back light Off.*
Operating Temperature	0 to 50 ℃.
Operating Humidity	Less than 80% R.H.
Dimension	152 x 69 x 36.3 mm (6.0 x 2.7 x 1.4 inch).
Weight	216 g/0.48 LB.
Accessories Included	Operation Manual..... 1 PC.
Optional Accessories	* Soft carrying case, CA-52A * AC to DC 9V power adapter.

ELECTRICAL SPECIFICATIONS

Range	Resolution
20 micro Tesla	0.01 micro Tesla
200 micro Tesla	0.1 micro Tesla
2,000 micro Tesla	1 micro Tesla
200 mG	0.1 mG
2,000 mG	1 mG
20,000 mG	10 mG

** mG : milli-Gauss*

** 1 micro Tesla = 10 milli-Gauss*

Range	Accuracy
20 micro Tesla	± (4 % + 3 d)
200 micro Tesla	± (5 % + 3 d)
2,000 micro Tesla	± (10 % + 5 d)
200 mG	± (4 % + 3 d)
2,000 mG	± (5 % + 3 d)
20,000 mG	± (10 % + 80 mG)

* Appearance and specifications listed in this brochure are subject to change without notice.