

# EMF TESTER

Model : EMF-827

ISO-9001, CE, IEC1010

## 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.
- \* Separate probe, easy operation & remote measurement.
- \* 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.



**Lutron**

**LUTRON ELECTRONIC**

***The Art of Measurement***

*with separate probe*

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### SPECIFICATIONS

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.
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 * 1 micro Tesla = 10 milli Gauss
Range( 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.
Probe Structure	Separate probe with handle.
Number of Axes	Single axis.
Accuracy (23 5 蛭)	$\pm (4 \% + 3 d)$ - 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 9V battery. 006P, MN1604 ( PP3 ) or equivalent.
Power Current	Approx. DC 2 mA.
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	215 g/0.48 LB (including battery).
Dimension	<i>Main instrument :</i> 163 x 68 x 24 mm (6.4 x 2.7 x 0.9 inch). <i>Probe :</i> 175 x 45 x 22 mm (6.9 x 1.8 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.*

\* Appearance and specifications listed in this brochure are subject to change without notice. 403-EMF827

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