

# MICRO WAVE LEAKAGE DETECTOR

Model : EMF-810

ISO-9001, CE, IEC1010



**Lutron**

LUTRON ELECTRONIC

*The Art of Measurement*

# MICRO WAVE LEAKAGE DETECTOR

Model : EMF-810

FEATURES	
* This meter is specially designed for measuring or monitoring electromagnetic field value for the micro-wave frequency precisely.	
* Useful equipment to detect the leakage of micro wave oven.	
* Build in alarm setting, when the measuring value $> 1 \text{ mW/cm}^2$ , the buzzer will sound to remind that the measured device's micro wave EMF value (leakage value) is larger than the safety level.	
* The meter have been calibrated precisely on the frequency value 2.45 GHz.	
* Peak hold function to latch the max. measuring value.	
* Powered by 006P 9V battery and DC 9V adapter.	
* Except to measure the micro wave's EMF value, the detector also can measure the radio EMF value of hospital equipment, radar, radiation work, TV antenna, Radio station, welding equipment, baking- equipment, television, computer, factory, laboratory, and other environment...etc for reference.	

SPECIFICATIONS	
Display	LCD size : 40 mm x 25 mm. Digit size : 12 mm x 6 mm.
Measurement Unit	$\text{mW/cm}^2$
Operating Frequency Range	2.45 GHz $\pm$ 50 MHz <i>* Beyond the 2.45 GHz <math>\pm</math> 50 MHz, other frequency's EMF value between 30 MHz to 3 GHz also can be measured, but for reference only.</i>
Measurement Range	0 to 1.999 $\text{mW/cm}^2$
Accuracy	$<$ Accuracy tested under 2.45 GHz $\pm$ 50 MHz and <i>* measurement level is 0.1 <math>\text{mW/cm}^2</math>.</i>
Peak Hold	To latch the max. measuring value.
Alarm Setting	If reading value $> 1 \text{ mW/cm}^2$ approximately, the buzzer will sound.
Sensor Space Length	50 mm.
Over Indicator	Display shows " OL ".
Power Current	Approx. DC 1.86 mA.
Weight	202 g/ 0.445 LB.
Dimension	152 x 69 x 36.3 mm. (6.0 x 2.7 x 1.4 inch).
Standard Accessory	Operation Manual..... 1 PC.
Optional Accessory	Soft carrying case, CA-52A.

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