

# MICRO WAVE LEAKAGE DETECTOR

Model : EMF-810

ISO-9001, CE, IEC1010



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**Lutron**

LUTRON ELECTRONIC

*The Art of Measurement*

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| 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.<br>Digit size : 12 mm x 6 mm.  |
| Measurement Unit          | $\text{mW/cm}^2$   |
| Operating Frequency Range | 2.45 GHz $\pm$ 50 MHz<br><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<br><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.<br>(6.0 x 2.7 x 1.4 inch).   |
| Standard Accessory        | Operation Manual..... 1 PC.  |
| Optional Accessory        | Soft carrying case, CA-52A.  |