

MICRO WAVE LEAKAGE DETECTOR

Model : EMF-810

ISO-9001, CE, IEC1010

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Lutron

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The Art of Measurement

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FEATURE

- * 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.

ELECTRICAL SPECIFICATIONS ($23 \pm 5 \text{ }^\circ\text{C}$)

Display	LCD size : 40 mm x 25 mm. Digit size : 12 mm x 6 mm.
Measurement Unit	mW/cm^2
Operating Frequency Range	2.45 GHz \pm 50 MHz * Beyond the 2.45 GHz \pm 50 MHz, other frequency's EMF value between 30 MHz to 3 GHz also can be measured, but for reference only.
Measurement Range	0 to 1.999 mW/cm^2
Accuracy	$<$ Accuracy tested under 2.45 GHz \pm 50 MHz and * measurement level is 0.1 mW/cm^2 .
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.

EMF-810+0710

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