

# MICROWAVE OVEN LEAKAGE METERS

## MICROWAVE OVEN LEAKAGE METER



Has Sound

Here's a unit which will give you not only accurate digital readings of the amount of leakage from microwave ovens, but it also provides an audible "beeping" alarm and red flashing light when it senses microwaves above the 5 mW/cm<sup>2</sup> danger threshold! Ergonomically designed to fit comfortably in your hand, it is so easy to use: just press the ON button, then press and hold the auto range ZERO button to adjust to zero before each use. Then check the seal of the operating oven door. Sensitivity down to 0.01 mW/cm<sup>2</sup> at 2450 MHz, it will read all the way up to a roasting 9.99 mW/cm<sup>2</sup> in hundredths of mW/cm<sup>2</sup>. Battery operates for more than 12 months under normal use. Never needs re-calibration. Excellent reliability and high precision instrument. Complete with carry case to keep your unit in perfect condition.

And as a bonus, this unit can be used to measure radiated power from other wireless devices using the 2450 MHz analog frequency (good from 2350 to 2550 MHz). Has nice carry case and backlit display. Uses one 9V battery (not included) or can be powered by optional external AC/DC9V adapter. One year wty and ±1dB accuracy. This is the unit we recommend if you need more information about your oven leakage. CE compliant.

**Microwave Oven Leakage Meter (Cat. #R138) ..... \$34.95**



## 2.45 GHZ METER FOR MICROWAVE OVENS

*High Precision, Professional Quality*

This meter is specially designed for measuring or monitoring RF emissions from microwave ovens reliably. Calibrated specifically for the 2.45 GHz frequency range used by ovens.

Measurement range **0 to 1.999 mW/cm<sup>2</sup>** with 0.001 resolution. Built in audible alarm at 1 mW/cm<sup>2</sup>. Best of all, the sensor is located 5 cm (2 inches) from the top of the unit so it completely takes the guesswork out of where to position the meter. Simply touch the top of the meter to the oven door/seal/window and make accurate, repeatable readings. Includes Peak Hold feature to capture the highest reading.

**Will also measure analog 2.45 GHz (±50 MHz) frequencies from other sources.**

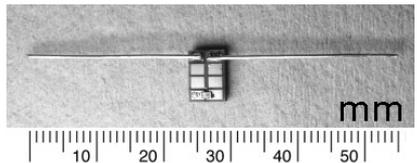
Has residual sensitivity from 30 MHz to 3 GHz so other frequencies can be detected, but for reference only. Requires 1 9V battery. 1 year wty. 2dB accuracy.

**2.45 GHz Meter for Microwave Ovens (Cat. #R109) ..... \$109.95**

## MICROWAVE DETECTOR MODULE

*Miniaturized Detector for 2.45 GHz*

Microwave ovens leak radiation. Most power seems to leak from the oven door, or vents on the side, but some also leaks *through the window*. Place this detector outside of your microwave while it's running and move it around the find the maximum radiation leakage areas. A red LED will light up when >1mW of power at 2.45GHz is detected and will get brighter as the power level increases. The detector also lights up close to your 802.11b/g Wireless LAN router antennas and flickers as the router transmits and receives. Only about 2 inches long, uses no batteries... it is powered by the microwave energy in the air!



**Microwave Detector Module (Cat. #R118) ..... \$18.00**

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