

# MICROWAVE LEAKAGE METER



## INSTRUCTION MANUAL

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## MICROWAVE LEAKAGE METER

According to a survey conducted by professionals, 56% of microwave ovens that have been in use for more than 2 years can leak a level of radiation that is 10% higher than the safety standard of  $5\text{mW}/\text{cm}^2$ , a standard which is set by the FDA and EPA.

Microwave radiation is odourless and invisible. Leakage can be caused by slamming the door, leaving food particles in the hinges or seals and moving the oven.

This meter is a high quality consumer product with the newest technology that utilises an advanced sensor for detecting microwave leakage. The sensor can detect the microwave levels accurately, even if the microwave leakage is low.

The Microwave Leakage Meter is simple to operate.

Firstly, a standard 9V battery will need to be installed.

To activate the meter, press the 'Power On' button. Then, press and hold the light/zero button to adjust to zero.

A reading can now be taken. If you wish to switch off the meter, press the power button again.

### FEATURES:

- LCD Digital read out.
- There will be a 'beeping' sound and a red light will flash when leakage volume is in a dangerous zone.
- There will be a sound display as a warning for low leakage.
- Can be used by both left and right hands due to design.
- Battery life is 1+ years.
- Will not need recalibration.
- High sensitivity to the microwave.
- Excellent reliability and high precision level.

### SPECIFICATIONS:

- Calibrated at 2450MHz
- Range:  $0-9.99\text{mW}/\text{cm}^2$
- Warning values:  $5.0\text{W}/\text{cm}^2$
- Accuracy: 1db +-
- Power source: 9V battery
- Battery life: 1 year minimum

### HOW TO MEASURE MICROWAVE LEAKAGE:

- Turn on meter.
- Hold two inches from the door/front glass.
- The values will be displayed on the LCD.
- To display and hold the maximum on the LCD, press the MAX key.