

# Microwave Leakage Meter Instruction Manual

According to a survey done by professional service associates, 56% of microwave ovens used for more than 2 years can possibly leak levels of radiation 10% higher than the safety standard of  $5\text{mW}/\text{cm}^2$  regulated by the FDA and EPA. It will be vulnerable and uncomfortable for people if the microwave radiation exposure level exceeds  $5\text{mW}/\text{cm}^2$ .

Microwave radiation is odorless and invisible. Its leakage can be caused by slamming the oven door, leaving food particles in the hinges or seals, and moving the oven around etc. How to keep people from this danger and find out the emergency immediately, we suggest to use our new model of LCD digital readout microwave leakage meter for the household security.

The meter is a high quality consumer product with the most newly developed technology that utilizes an advanced sensor for detecting the microwave leaking from the microwave oven. The highly sensitive sensor can detect the microwave accurately, even at a low volume the injury of the radiation of microwave. The smart decision to adopt this meter is a very important part for the home safety. Before using it, please take a few minutes to read this operation.

## 1. Features:

- LCD Digital readout.
- Leakage volume in dangerous zone will sound "beeping" and a red lamp flashing
- Low leakage volume display for warning
- Human factor engineering design is suitable for the operation of both hands
- Battery operates for more than 1 years
- High sensitivity to the microwave

## 2. Specifications

- Calibrated at 2450MHz
- Range: 0- 9.99  $\text{mW}/\text{cm}^2$
- Warning value:  $5.0 \text{mW}/\text{cm}^2$
- Power source: 9V battery
- Battery life: 1 year minimum for routine checking once a month

## 3. How to measure the microwave leaking from microwave oven?

- First, install a standard 9V battery.
  - Power on the meter.
  - To activate the meter, just press the power on button. Then press and hold the light /zero button to adjust to zero.
  - To keep two inches from the door seals or the front glass of microwave oven. The values will display on LCD.
- If you press the MAX key, the maximum will hold in the LCD.
- Then you may begin to take your readings, if you want to close the meter, press the "⏻" button again.