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## Instruction Manual

## RS-2G

Stock No: 193-8685

## Microwave leakage detector

EN



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.

This meter is a high quality safety product that uses an advanced sensor for measuring radiation levels around a microwave oven. The highly sensitive sensor can detect even low volumes of radiation. Excessive levels of radiation leaking from the door and casing seal of a Microwave is hazardous, therefore this meter plays a very important part in workplace and home safety. If radiation levels are above a safe level of  $5.0\text{mW}/\text{cm}^2$ , the warning lamp will flash red and a beeping sound will occur.

## 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