



# Microwave Leak Detector

FAI DETMICRO

Microwave ovens may leak harmful radiation. Leakage occurs around the door, hinges, and seals.

The FAIDETMICRO microwave leakage detector will detect such leakages. It can also be used on mobile phones and other devices using electromagnetic fields.

- No battery required
- Compact and easy-to-use
- Easy read display

## Specifications



**Range:** 3MHz-3GHz (0-10mW/cm<sup>2</sup>)

**Green zone:** UNDER 5mW/cm<sup>2</sup> (Safe)

**Red zone:** OVER 5mW/cm<sup>2</sup> (Danger)

**mW frequency:** 2450 MHz nominal

**Working temperature:** 0°C to 40°C

**Case material:** ABS

**Size:** 45 x 100 x 22mm

**Weight:** 38g

## Instructions



1. Place a cup of water into the microwave oven.
2. Set timer for one minute.
3. Start oven.
4. Hold the FAIDETMICRO in front of the oven door.
5. Move the meter around the door seal.
6. Look at the meter face to see if the meter is indicating any microwave leakage.
7. The meter needle will be in the green zone for small amounts of leakage or in the red zone when large amounts of leakage are detected.
8. The green zone means it is safe to continue using the oven.
9. The red zone means it is unsafe to continue use of the oven and warrants repair as soon as possible.

## For mobile phones and other devices:

Switch the device to be measured on. Move the back side of the detector close to it. Refer to steps 6 - 9 above.

**NOTE:** The FAIDETMICRO is only a warning device and is not suitable for laboratory or scientific work.

**CAUTION:** Do not place this meter into the microwave oven at any time.



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