

# PROFESSIONAL MICROWAVE OVEN LEAKAGE DETECTOR

## WHAT IS MICROWAVE RADIATION?

Microwave radiation is the energy that causes the water molecules in food to vibrate rapidly. It is this rapid vibration that produces heat which, in turn, cooks the food. However, it can also penetrate through living tissue which is why exposure to microwave radiation is harmful to your health. Microwave radiation is difficult to detect because it is both invisible and odorless. When a microwave oven is turned on, microwave radiation is present. Microwave radiation disappears once you turn the oven off, but until then, you may be exposing yourself and your family to dangerous levels of radiation.

## WHAT CAUSES MICROWAVE OVENS TO LEAK?

Slamming the oven door, dirt or food particles caught in the door seals and hinges, or basic wear and tear all cause the oven door to slightly separate from the oven enclosure. Once this happens, invisible, but highly dangerous microwave radiation leaks through the small space and this can cause irreversible damage and injury to you and your family.

FACT: An Independent survey conducted among the Professional Service Associates, a group of microwave repair servicemen, indicated that over 56% of microwave ovens two years or older leaked levels of radiation 10% higher than the safety standards set by the FDA. More often than not, a simple adjustment was all that was needed to stop the leakage.

## WHAT CAN MICROWAVE RADIATION DO TO YOU?

The FDA has established microwave radiation exposure levels greater than 5mw/cm2 to be dangerous. Independent studies have revealed levels much lower can cause:

- \* Cataracts
- \* Skin Cancer
- \* Dizziness and Headaches
- \* Blood Disorders
- \* Increased Stress
- \* Birth Defects in Pregnant Women
- \* Central Nervous System Damage
- \* Temporary Sterility in Men
- \* Cardiovascular Problems
- \* Interference with Some Pacemakers

**COMPLETE DIRECTIONS INSIDE AND ON THE BACK OF THE DETECTO CARD™ FOR YOUR CONVENIENCE  
KEEP OUT OF REACH OF CHILDREN**

IF YOU HAVE ANY QUESTIONS OR COMMENTS PLEASE CALL (800) 427-0550 OR VISIT US ON THE INTERNET AT:  
[WWW.PROLABINC.COM](http://WWW.PROLABINC.COM)



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