

Is Microwave heating safe for the food processing ?

One of the most common question that arises when the [microwave heaters application in food](#) desired irrespective of whether it's household or Industrial use. Human tendency is to fear from the electromagnetic radiations, which has always been in the scan of scientist and its effect on human body. There is fear that the electromagnetic radiation that cause bad effect on the human body and brain when it radiates from Mobile towers, how will it be safe if it's used for processing food has aroused to public interest.

But the scientist and researches has always favored the this technology and always declared the food processed by Microwave heating is safe for consumption can be stored for longer period of time as Microwaves only collides with the molecules with in food and energizes them as soon as molecules get excited the total electromagnetic radiation is changed in the form of heat, hence it can never make food radioactive of contaminate.

As the Microwaves utilizes low frequency electromagnetic energy (frequency range round 300-3000 Mhz) has "next to zero capacity to break solid compound bonds"

Thus, there is not any substantiated proof it causes undue chemical reaction that can happen in food and making it poisons or radioactive that can harm human health when consumed.

The larger part of examination proposes microwave cooking is exactly as nutritious as different systems and may have a few profits.

All in all, on the grounds that you can process food significantly all the more quickly, maintenance of vitamins is higher. Furthermore supplement maintenance, particularly for the water solvent vitamins B and C, is superior to other cooking systems, for example, bubbling where the water dissolvable vitamins are regularly tossed out with the water.

Indeed, microwave heating has been utilized to enhance extraction of supplements from foods. Work at CSIRO has demonstrated better bio-accessibility of hostile to oxidants in microwave heated foods.

The utilization of [microwave heating system](#) gives an advantageous approach to defrost, cook or reheat foods these days. Numerous studies have been led to survey the security and conceivable supplement misfortune connected with microwave cooking. The best accessible confirmation upholds that the utilization of microwave cooking brought about foods with wellbeing and supplement quality like those cooked by ordinary systems.

Indeed KERONE as organization has constantly included in assembling microwave heaters that could be utilized for far reaching food processing commercial enterprises for their differed need with the assistance of its batch and continuous type of Microwave heating/drying system.