

Circuit description:

Microwave oven connects to the power, when the door is closed, the interlock system work, and the electronic control system get power. It controls the power inverter work and provides the power to Magnetron, then magnetron will work and produce 2450MHZ microwave to cavity of microwave oven.

At the same time, electronic control system will control the cavity lamp, turntable motor and cooling fan motor and convection motor according program.

Fuse: over current protection.

Resistance, capacitor, and inductance: Work together to perform the filter function.

Control circuit: including interlock system and controlling relay to control the power of the high voltage transformer, fan motor, turntable motor and so on.

High voltage Transformer circuit: to raise the voltage from 120V to around 2500V.

High voltage diode, high voltage capacitor: work together to perform the rectification circuit.

Magnetron: generate microwave energy.