

MICROWAVE OVEN



MODEL: TSK-M1601ME

User Manual

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Tsann Kuen (Zhangzhou) Enterprise Co., Ltd.

**Tsann Kuen Industrial Park, Longchi Development District,
Zhangzhou, Fujian 363000, P.R.China**

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- a. Do not attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
- b. Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- c. Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the: (1) door (bent), (2) hinges and latches (broken or loosened), (3) door seals and sealing surfaces.
- d. The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed including the following:

WARNING – To reduce the risk of burns, electric shock, fire, injury to persons, or exposure to excessive microwave energy:

1. Read all instructions before using the appliance.
2. Read and follow the specific “PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY ” found on page 2
3. This appliance must be grounded. Connect only to properly grounded outlet. See “GROUNDING INSTRUCTIONS ” found on page 4.
4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs with / without shells and sealed containers – for example, closed glass jars – are able to explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in the manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
9. This appliance should be serviced only by qualified service personnel.

Contact nearest authorized service facility for examination, repair or adjustment.

10. Do not cover or block any openings on the appliance.
11. Do not store this appliance outdoors. Do not use this product near water – for example ,near a kitchen sink, in a wet basement or near a swimming pool or similar locations.
12. Do not immerse cord or plug in water.
13. Keep cord away from heated surfaces.
14. Do not let cord hang over edge of table or counter.
15. See surface door cleaning instructions on page 16.
16. To reduce the risk of fire in the oven cavity:
 - a. Do not overcook food. Carefully attend appliance when paper, plastic or other combustible materials are placed inside the oven to facilitate cooking.
 - b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.
 - c. If materials inside the oven ignite, keep oven door closed, turn oven off and disconnect the power cord or shut off power at the fuse or circuit breaker panel.
 - d. Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils or food in the cavity when not in use.
17. Liquids such as water, coffee or tea are able to be overheated beyond the boiling point without appearing to be boiling. Visible bubbling or boiling when the container is removed from the microwave oven is not always present.
THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID.

SAVE THESE INSTRUCTIONS

For Household Use Only

ADDITIONAL IMPORTANT SAFETY INSTRUCTIONS

1. Oversize foods or oversize metal utensils should not be inserted in a microwave oven as they may create a fire or risk of electric shock.
2. Do not clean with metal scouring pads.
3. Do not store any materials other than manufacturer ' s recommended accessories in this oven when not in use.
- 4.a) A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- b) Longer cord sets or extension cords are available and may be used if care is exercised in their use.
- c) If a long cord or extension cord is used:

- 1) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance;
- 2) The extension cord must be a grounding-type 3-wire cord; and
- 3) The longer cord should be arranged so that it will not drape over the counter top or tabletop where it can be pulled on by children or tripped over unintentionally.

WARNING:

TO REDUCE THE RISK OF INJURY TO PERSONS:

1. Liquids such as water, coffee or tea are able to be overheated beyond the boiling point without appearing to be boiling.
2. Do not use narrow necked containers to boil or reheat liquids.
3. To reduce the risk of injury, stir the liquid several times before heating.
4. The liquid may splash out during or after heating or when adding ingredients (instant coffee, etc) resulting in possible harm or injury to persons.
5. After heating, allow the container to stand in microwave oven for at least 40 seconds before removing the container.
6. Do not heat water and oil, or a fat together which may cause a violent eruption.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

WARNING – Improper use of the grounding can result in a risk of electric shock.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood, or if doubt exist as to whether the appliance is properly grounded.

- Do not use an extension cord. If the power supply cord is too short, have a qualified electrician or service man install an outlet near the appliance.

Testing Containers and Utensils

Some non-metallic containers and utensils become extremely hot when used in a microwave oven. To avoid risk of scalding, use the following procedure to determine if a container or utensil is safe for microwave use:

1. Fill a microwave-safe container with 1 cup (250 ml) of cold water. Place it in the microwave oven along with the container or utensil in question.
2. Turn the oven on maximum power for 1 minute. Do not exceed 1 minute cooking time.

3. Carefully feel the container. If the empty container is warm, do not use it for microwave cooking.

Materials You Can Use in a Microwave Oven

Cooking Accessories (not included with Microwave)	Remarks
Dinnerware	Microwave-safe only. Follow manufacturer ' s instructions. Do not use cracked or chipped dishes.
Glass jars	Always remove lid. Use only to heat food until just warm. Most glass jars are not heat resistant and may break.
Glassware	Heat-resistant oven glassware only. Make sure there is no metallic trim. Do not use cracked or chipped dishes.
Oven cooking bags	Follow manufacturer ' s instructions. Do not close with metal tie. Make slits to allow steam to escape.
Paper plates	Use microwave-safe plates only for short-term cooking/warming only. Do not leave oven unattended while cooking.
Paper towels	Use microwave-safe paper towels only to cover food for reheating and absorbing fat. Use with supervision for short-term cooking only.
Parchment	Use as a cover to prevent splattering or a wrap paper for steaming.
Plastic containers	Use microwave-safe containers only. Follow the manufacturer ' s instructions. Containers should be labeled "Microwave-Safe." Some plastic containers soften as the food inside gets hot. "Boiling bags " and tightly closed plastic bags should be slit, pierced, or vented as directed by package.
Plastic wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Wax paper	Use a cover to prevent splattering and to help retain moisture.

Materials to Avoid in a Microwave Oven

Cooking Accessories (not included with Microwave)	Remarks
Aluminum pan or tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-trimmed utensils	Metal shields the food from microwave energy and may cause arcing.

Metal twist ties	May cause arcing and could cause a fire in the oven.
Plastic foam	Plastic foam may melt or contaminate the liquid inside when exposed to high temperature.
Wood	Wood will dry out and may split. Avoid using wooden containers or utensils in the oven.

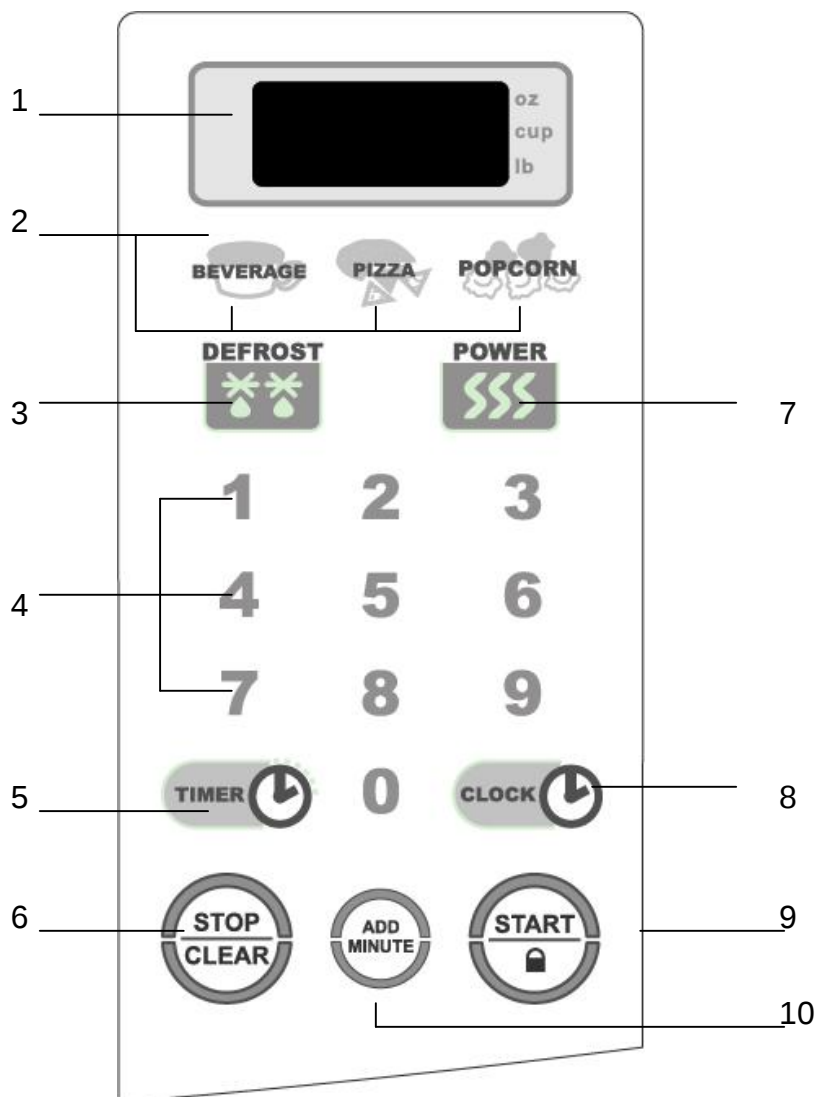
How Your Microwave Oven Works

The microwave oven has an electronic tube called a magnetron that produces microwaves, very short radio waves. The microwaves then pass through a wave-guide and into the oven cavity. The microwaves penetrate the food and cause water molecules within the food to vibrate extremely rapidly. This vibration causes considerable friction or heat between the water molecules resulting in a rapid rise in temperature. This type of heating is very efficient and the cooking time is therefore shorter than in a conventional oven. The rate of heating depends on the moisture content, shape, volume and amount of food present. Metallic materials totally reflect microwaves. Non-metallic materials such as glass, paper and plastics are partially transparent to microwaves. Microwaves do not directly heat the oven walls and most cooking utensils because they do not absorb microwave energy. However, they frequently get very warm through being in direct contact with hot food.

GETTING TO KNOW YOUR MICROWAVE OVEN TSK-M1602ME

Model	TSK-M1601ME
Power Supply	120VAC, 60Hz
Power Consumption	950W
Microwave Output	600W
Frequency	2450MHz
Input Current	10A
Volume	17L

Control Panel:



1. **DISPLAY**—Indicates the time of day, cooking time settings and cooking functions.
2. **BEVERAGE&PIZZA&POPCORN**—Allows you to cook beverage, pizza& popcorn without having to select cooking times and power levels.
3. **DEFROST**—Is an accurate defrosting method for frozen meat, poultry and fish up to 3 lb.
4. **NUMBER PADS**—Allows you to enter cooking time, power level, quantities and weights.
5. **TIMER**—Allows you to set time, not a cooking time.
6. **STOP/CLEAR**—Allows you to “Stop” the Microwave Oven or “Clear” entries.
7. **POWER**—Allows you to set the power level.
8. **CLOCK**—Allows you to enter the time of day.
9. **START**—Allows you to “Start” all entries (except the popcorn, beverage, pizza, defrost and clock which start automatically) and to turn Child Lock “On” or “ off”.
10. **ADD MINUTE**—Allows you to cook from 1 minute to 10 minutes.

BEFORE USING FOR THE FIRST TIME

1. Read all instructions in this manual carefully.
2. Carefully unpack your Microwave Oven and remove all packaging materials.
3. Place your Microwave Oven on a level surface such as a countertop or table. Be sure the sides, back and top of the Microwave Oven are at least four inches away from any walls,

cabinets or objects on the counter or table.

4. Remove all stickers from the Microwave Oven except the rating label located on the back.
5. Wash Glass Turntable and Turntable Roller Rest in warm, soapy water. Rinse and dry thoroughly before placing in the Microwave Oven.
6. Remove any dust that may have accumulated during packaging. Simply wipe the Microwave Oven exterior with a clean, damp cloth.
7. Do not use abrasive cleansers.
8. Do not put the Microwave Oven, cord or plug in water.
9. When you are ready to use the Microwave Oven, plug the cord into a 120V AC outlet.
10. To avoid scratching, marring or discoloration, do not store anything on top of the Microwave Oven during operation.

CAUTION: Always wear protective, insulated Microwave Oven mitts on hands when touching hot Microwave Oven or hot dishes and food or when inserting or removing baking dish and food.

CAUTION: Allow at least 1" air space between the top of the container and the upper heating elements. Never use metal bake ware and aluminum inside of Microwave Oven.

USING YOUR MICROWAVE OVEN

CLOCK SETTING

Press **CLOCK** pad, and the numeral of hour will flicker

Input the hour you need by pressing the button from 0 to 9

The valid numerals of hour are 1 ~ 12

After setting the hour, press **C L O C K** pad to affirm, and then enter the minute setting, the numeral of minute will flicker

Input the minute you need by pressing the button from 0 to 9

The valid numerals of minute are 0 ~ 59

After setting the minute, press **C L O C K** pad to affirm, and the **CLOCK** setting is finished.

MICROWAVE POWER LEVELS

At first, input the time you need using the number pads

Then select the microwave power levels by the times you press **P O W E R** pad

Your microwave oven has 10 cooking power levels to let you cook and heat a wide variety of foods. Refer to the table below for suggestions:

Microwave Power Level Table

Power Level	Use
1 time	100 % microwave power
2 time	90 % microwave power
3 time	80 % microwave power
4 time	70 % microwave power

5 time	6 0 % microwave power
6 time	5 0 % microwave power
7 time	4 0 % microwave power
8time	3 0 % microwave power
9 time	2 0 % microwave power
10 time	1 0 % microwave power

After setting the microwave power levels, press **S T A R T** with the door closed
You can add the heating time by pressing **A D D M I N U T E** pad during the oven operating,
and each time you press it will add 1 minute.

TIMER SETTING

Press **TIMER** pad to setting timer

Select the time you need by press the number pad 0 ~ 9

The method is same as the microwave power levels.

After setting, press **S T A R T** pad

DEFROST SETTING

Press **D E F R O S T** pad many times to select the serving levels of the frozen foods.

Press **S T A R T** pad to operate

AUTOCOOK SETTING (B E V E R A G E & P I Z Z A & P O P C O R N)

Select the appropriate food according to the food pad, and then press the right times until the weight you need is showing on the display.

Press **S T A R T** pad to operate

MAINTENANCE

Cleaning and Care

Routine cleaning will enhance the performance and reliability of your Microwave Oven.

Clean the oven on a weekly basis or more often if needed.

To ensure safe and efficient operation, be sure to keep the inner door, door seal, hinges and latches clean and free of food residue.

- ² Wipe spills and splatters from the interior after each use to avoid arcing.
- ² Clean all oven surfaces with soft, lint-free cloths and a mild, non-abrasive detergent.
- ² Wash the turntable roller ring by hand.
- ² The glass turntable may be washed in the dishwasher.