TOSHIBA

Microwave Oven

INSTRUCTION MANUAL

Model:

ER-SS23 TH

Model:

ER-SS25 TH

English

Read these instructions carefully before using your microwave oven, and keep it carefully.

If you follow the instructions, your oven will provide you with many years of good service.

SAVE THESE INSTRUCTIONS CAREFULLY

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English

PRECAUTIONS

PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

(a) Do not attempt to operate this oven with the door open since this can result in harmful exposure to microwave energy. It is important not to break or tamper with the safety interlocks.

(b) Do not place any object between the oven front face and the door or allow cleaner residue to accumulate on sealing surfaces.

(c) WARNING: If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

ADDENDUM

If the apparatus is not maintained in a good state of cleanliness, its surface could be degraded and affect the life span of the apparatus and lead to a dangerous situation.

SPECIFICATIONS

Model:	ER-SS23 TH	ER-SS25 TH
Rated Voltage:	220V~50Hz	220V~50Hz
Power Consumption (Microwave):	1250W	1450W
Rated Output Power (Microwave):	800W	900W
Oven Capacity:	23L	25L
Turntable Diameter:	Φ 270mm	Φ 315mm
Outside Dimensions (L x W x H):	485x410x293mm	513x395x307mm
Net Weight:	Approx. 12.3 kg	Approx. 14.4 kg

IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of fire, electric shock, injury to persons or exposure to excessive microwave oven energy when using your appliance, follow basic precautions, including the following:

1. Read and follow the specific: "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY".
2. This appliance can be used by children and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are supervised.
3. Keep the appliance and its cord away from children unless they are continuously supervised.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. WARNING: Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.
6. WARNING: It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.
7. WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode.
8. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
9. Only use utensils that are suitable for use in microwave ovens.
10. If smoke is emitted, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
11. Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.
12. The contents of feeding bottles and baby food jars shall be stirred or shaken and the temperature checked before consumption, in order to avoid burns.
13. Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode, even after microwave heating has ended.
14. The oven should be cleaned regularly and any food deposits removed.
15. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.
16. Only use the temperature probe recommended for this oven. (for ovens provided with a facility to use a temperature-sensing probe.)
17. The microwave oven shall not be placed in a cabinet unless it has been tested in a cabinet.
18. This appliance is intended to be used in household and similar applications such as:
    -staff kitchen areas in shops, offices and other working environments;
    -by clients in hotels, motels and other residential type environments;
    -farm houses;
    -bed and breakfast type environments.
19. The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp cloth and similar may lead to risk of injury, ignition or fire.
20. Metallic containers for food and beverages are not allowed during microwave cooking.
21. The appliance shall not be cleaned with a steam cleaner.

22. The appliance is intended to be used freestanding.
23. The rear surface of appliances shall be placed against a wall.
24. The appliances are not intended to be operated by means of an external timer or separate remote-control system.

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

To Reduce the Risk of Injury to Persons
Grounding Installation

DANGER

Electric Shock Hazard
Touching some of the internal components can cause serious personal injury or death. Do not disassemble this appliance.

WARNING

Electric Shock Hazard
Improper use of the grounding can result in electric shock.
Do not plug into an outlet until appliance is properly installed and grounded.

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.

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood or if doubt exists as to whether the appliance is properly grounded.
If it is necessary to use an extension cord, use only a 3-wire extension cord.

1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
2. If a long cord set 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.
   3) The long 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.

CLEANING

Be sure to unplug the appliance from the power supply.

1. Clean the cavity of the oven after using with a slightly damp cloth.
2. Clean the accessories in the usual way in soapy water.
3. The door frame and seal and neighboring parts must be cleaned carefully with a damp cloth when they are dirty.
4. Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.
5. Cleaning Tip---For easier cleaning of the cavity walls that the food cooked can touch: Place half a lemon in a bowl, add 300ml (1/2 pint) water and heat on 100% microwave power for 10 minutes. Wipe the oven clean using a soft, dry cloth.

UTENSILS

CAUTION

Personal Injury Hazard

It is hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.

See the instructions on “Materials you can use in microwave oven or to be avoided in microwave oven.” There may be certain non-metallic utensils that are not safe to use for microwaving. If in doubt, you can test the utensil in question following the procedure below.

Utensil Test:

1. Fill a microwave-safe container with 1 cup of cold water (250ml) along with the utensil in question.
2. Cook on maximum power for 1 minute.
3. Carefully feel the utensil. If the empty utensil is warm, do not use it for microwave cooking.
4. Do not exceed 1 minute cooking time.

Materials you can use in microwave oven

Utensils	Remarks
Browning dish	Follow manufacturer's instructions. The bottom of browning dish must be at least 3/16 inch (5mm) above the turntable. Incorrect usage may cause the turntable to break.
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 and cups	Use for short–term cooking/warming only. Do not leave oven unattended while cooking.
Paper towels	Use to cover food for reheating and absorbing fat. Use with supervision for a short-term cooking only.
Parchment paper	Use as a cover to prevent splattering or a wrap for steaming.
Plastic	Microwave-safe only. Follow the manufacturer's instructions. 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 as a cover to prevent splattering and retain moisture.

Materials to be avoided in microwave oven

Utensils	Remarks
Aluminum 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. Metal trim may cause arcing.
Metal twist ties	May cause arcing and could cause a fire in the oven.
Paper bags	May 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 when used in the microwave oven and may split or crack.

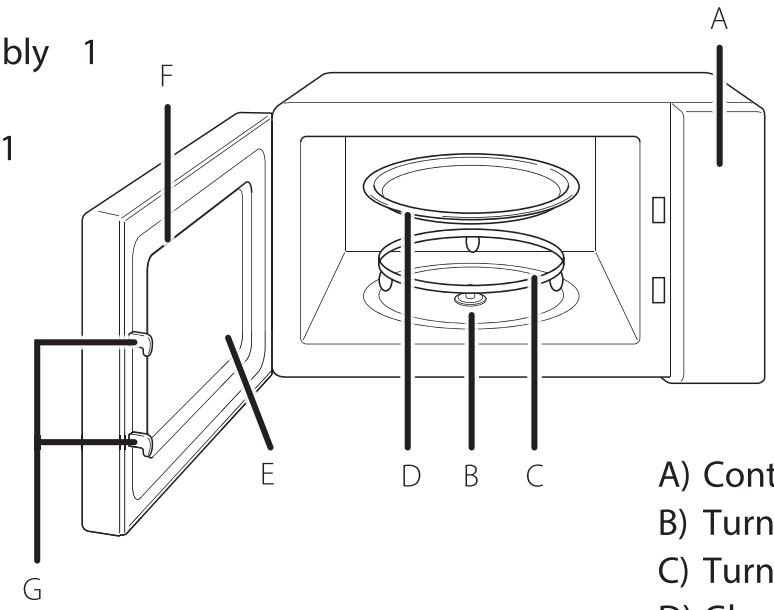
SET UP & INSTALLATION

SETTING UP YOUR OVEN

Names of Oven Parts and Accessories

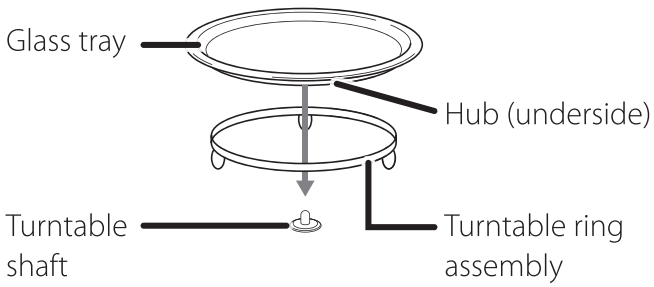
Remove the oven and all materials from the carton and oven cavity.

Your oven comes with the following accessories:
Glass tray 1
Turntable ring assembly 1
Turntable Shaft 1
Instruction Manual 1



A) Control panel
B) Turntable shaft
C) Turntable ring assembly
D) Glass tray
E) Observation window
F) Door assembly
G) Safety interlock system

Turntable Installation



a. Never place the glass tray upside down. Follow the instruction to place the glass tray on the turntable ring with correct direction. The glass tray should rotate smoothly.
b. Both glass tray and turntable ring assembly must always be used during cooking.
c. All food and containers of food are always placed on the glass tray for cooking.
d. If glass tray or turntable ring assembly cracks or breaks, contact your nearest authorized service center.

Countertop Installation

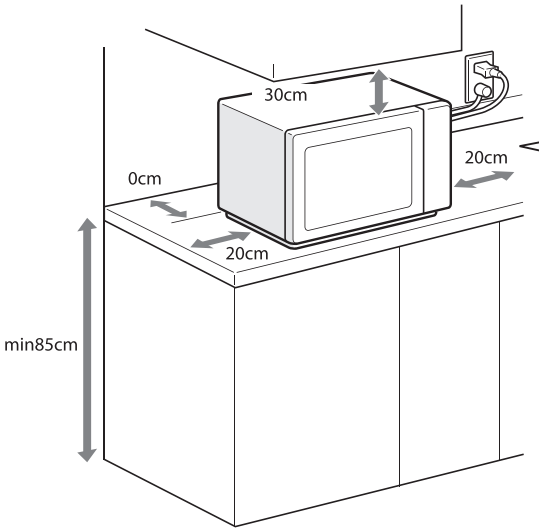
Remove all packing material and accessories. Examine the oven for any damage such as dents or broken door. Do not install if oven is damaged.

Cabinet: Remove any protective film found on the microwave oven cabinet surface.

Do not remove the light brown Mica cover that is attached to the oven cavity to protect the magnetron.

Installation

1. Select a level surface that provide enough open space for the intake and/or outlet vents.



Side	Distance (cm)
Top	30
Left	20
Right	20
Front	Open
Rear	0
Bottom	0

(1) The minimum installation height is 85cm.

(2) The rear surface of appliance shall be placed against a wall.
Leave a minimum clearance of 30cm above the oven, a minimum clearance of 20cm is required between the oven and any adjacent walls.

(3) Do not remove the legs from the bottom of the oven.

(4) Blocking the intake and/ or outlet openings can damage the oven.

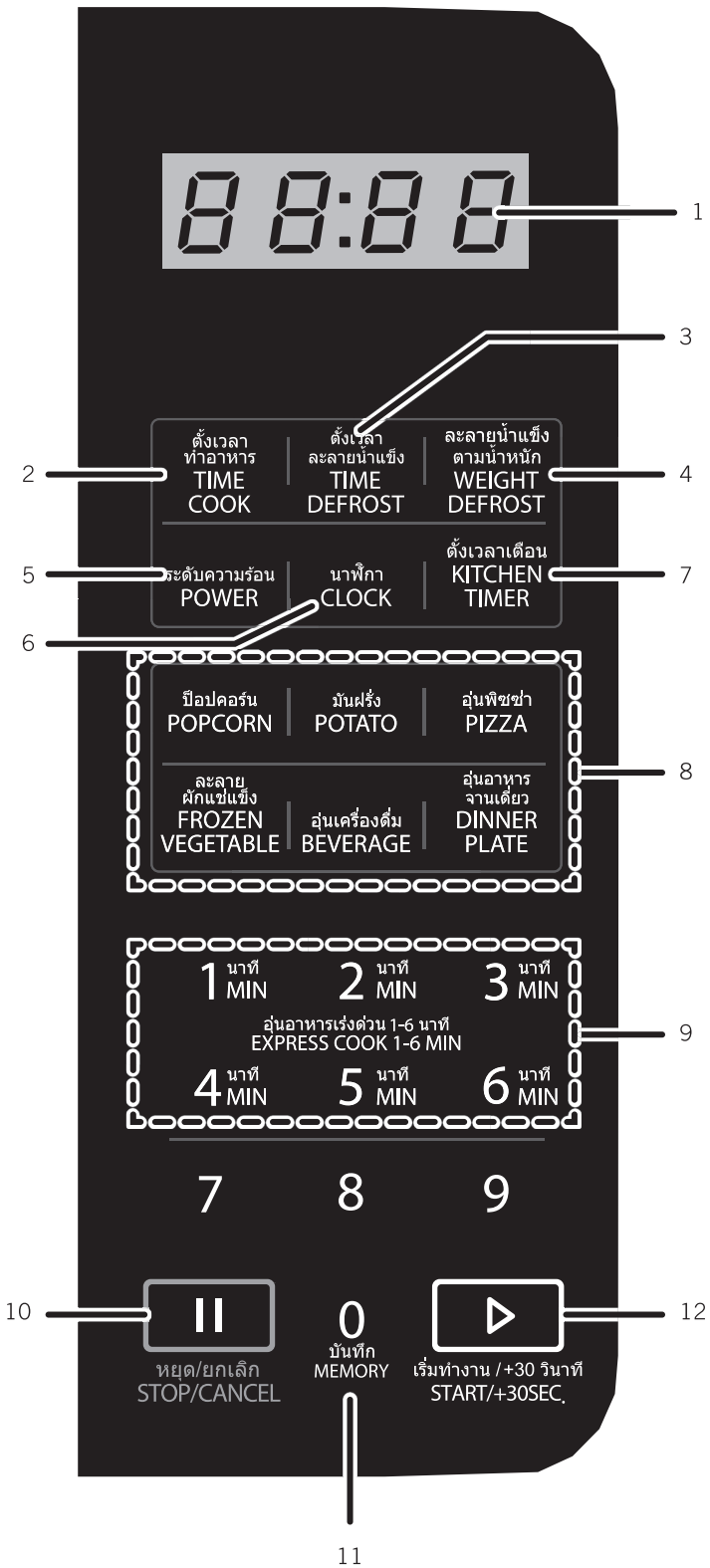
(5) Place the oven as far away from radios and TV as possible. Operation of microwave oven may cause interference to your radio or TV reception.

2. Plug your oven into a standard household outlet. Be sure the voltage and the frequency is the same as the voltage and the frequency on the rating label.

WARNING: Do not install oven over a range cooktop or other heat-producing appliance. If installed near or over a heat source, the oven could be damaged and the warranty would be void.

The accessible surface may be hot during operation.

CONTROL PANEL



1. DIGITAL DISPLAY
2. TIME COOK
   Press to set Cooking time.
3. TIME DEFROST
4. WEIGHT DEFROST
5. POWER
   Press to select Microwave power level.
6. CLOCK
   Press to set Clock.
7. KITCHEN TIMER
8. Auto Menu
   - POPCORN
   - POTATO
   - PIZZA
   - FROZEN VEGETABLE
   - BEVERAGE
   - DINNER PLATE
9. Express Cook 1-6MIN
   Press 1 to 6 to start the cooking instantly. 1 to 6 represent the cooking time in terms of minute.
10. STOP/CANCEL
11. 0/ MEMORY
    Press to set specific cooking mode memory.
12. START/+30SEC.
    For starting cooking or adding cooking time of 30sec. by every press.

English

OPERATION

MICROWAVE POWER LEVEL*

11 power levels are available. Press "**POWER**" to select Level 10. Press the digit on the Control Panel to select Level 9 to 0. When you select "PL0", there is no power, only FAN will work to remove odor in the cabinet.

Level	10	9	8	7	6	5	4	3	2	1	0
Power	100%	90%	80%	70%	60%	50%	40%	30%	20%	10%	0%
Display	PL10	PL9	PL8	PL7	PL6	PL5	PL4	PL3	PL2	PL1	PL0

* The Microwave Power Level could only be set after setting the cooking time. Please refer to **MICROWAVE COOK** for reference.

CLOCK SETTING

(1) The clock system is 12-hour system.
(2) Press "**CLOCK**", "00:00" will display.
(3) Press the number keys and enter the current time. For example, time is 12:10 now, please press "1, 2, 1, 0" in turn.
(4) Press "**CLOCK**" to finish clock setting. ":" will flash and the clock will be lighted.
(5) If the numbers input are not within the range of 1:00--12:59, the setting will be invalid until valid numbers are input.

Note: (1) In the process of clock setting, if the "**STOP/CANCEL**" button is pressed or if there is no operation within 1 minute, the oven will go back to the former setting automatically.
(2) If the clock need to be reset, please repeat step 1 to step 3.

KITCHEN TIMER

(1) Press "**KITCHEN TIMER**", the screen will display 00:00.
(2) Press the number keys and enter the timer time. (The maximum setting time is 99 minutes and 99 seconds.)
(3) Press "**START/+30SEC.**" to confirm setting.
(4) When the timer time arrives, the buzzer will ring 5 times.
If the clock has been set (12-hour system), the screen will display the current time.

Note: (1) The kitchen timer is different from 12-hour system. Kitchen Timer is for you to count down the cooking time, when the cooking is not doing by the oven.
(2) During kitchen timer, any program cannot be set.

MICROWAVE COOK

(1) Press "**TIME COOK**" once, the screen will display "00:00".
(2) Press number keys to input the cooking time. (The maximum cooking time is 99 minutes and 99 seconds.)
(3) Press "**POWER**" once, the screen will display "PL10". The default power is 100% power. Now you can press number keys to adjust the power level.
(4) Press "**START/+30SEC.**" to start cooking.

Example: To cook the food with 50% microwave power for 15 minutes.
a. Press "**TIME COOK**" once. "00:00" displays.
b. Press "1", "5", "0", "0" in order.
c. Press "**POWER**" once, then press "5" to select 50% microwave power.
d. Press "**START/+30SEC.**" to start cooking.

Note: (1) In the process of setting, if the "**STOP/CANCEL**" button is pressed or if there is no operation within 1 minute, the oven will go back to the former setting automatically.
(2) If "PL0" selected, the oven will work with fan for no power. You can use this level to remove the odor of the oven.
(3) During microwave cooking, "**POWER**" can be pressed to change the power you need. After pressing "**POWER**", the current power flashes for 3 seconds, you can press number button to change the power. The oven will work with the selected power for the rest time.

EXPRESS COOK

(1) In waiting state, instant cooking at 100% power level can be started by select a cooking time from 1 to 6 minutes by pressing number pads 1 to 6. Press "**START/+30SEC.**" to increase the cooking time. The maximum cooking time is 99 minutes and 99 seconds.

(2) In waiting state, instant cooking at 100% power level with 30 seconds' cooking time can be started by pressing "**START/+30SEC.**" Each press on the same button will increase cooking time by 30 seconds. The maximum cooking time is 99 minutes and 99 seconds.

Note: During microwave cooking and time defrost, time can be added by pressing "**START/+30SEC.**" button.

WEIGHT DEFROST FUNCTION

(1) Press "**WEIGHT DEFROST**", screen will display "dEF1".

(2) Press numerical buttons to input weight to be defrosted. Input the weight ranged between 100~2000 g.

(3) If the weight input is not within 100~2000, the input will be invalid.

(4) Press "**START/+30SEC.**" to start defrosting and the cooking time remained will be displayed.

TIME DEFROST FUNCTION

(1) Press "**TIME DEFROST**", screen will display "dEF2".

(2) Press number pads to input defrosting time. The effective time range is 00:01~99:99

(3) Press "**START/+30SEC.**" to start defrosting. The remained cooking time will be displayed.

AUTO MENU FUNCTION

• POPCORN

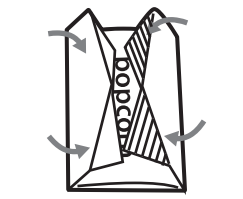
(a) Press "**POPCORN**" repeatedly until the number you wish appears in the display, "50", "100" grams will display in order.

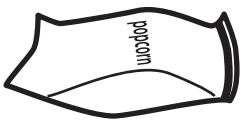
For example, press "**POPCORN**" once, "50" appears.

(b) Press "**START/+30SEC.**" to cook, buzzer sounds once. When cooking finishes, buzzer will sound five times and then turn back to waiting state.

(c) **Important Information About Microwave Popcorn Feature :**

1. When selecting 100 g of popcorn, it is suggested that you fold down a triangle on each corner of the bag before cooking. Refer to the picture at right.
2. If/When the popcorn bag expands and no longer rotates properly, please press "**STOP/CANCEL**" button once and open the oven door and adjust the bag position to ensure even cooking.





• POTATO

(a) Press "**POTATO**" repeatedly until the number you wish appears in the display, "1", "2", "3" will display in order.

"1"SET : 1 potato (approximate 230 gram)

"2"SETS: 2 potatoes (approximate 460 gram)

"3"SETS: 3 potatoes (approximate 690 gram)

For example, press "**POTATO**" once, "1" appears.

(b) Press "**START/+30SEC.**" to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

• FROZEN VEGETABLE

(a) Press "**FROZEN VEGETABLE**" repeatedly until the number you wish appears in the display, "150", "350", "500" grams will display in order.
For example, press "**FROZEN VEGETABLE**" once, "150" appears.

(b) Press "**START/+30SEC.**" to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

• BEVERAGE

(a) Press "**BEVERAGE**" repeatedly until the number you wish appears in the display, "1", "2", "3" cup will display in order. One cup is about 120ml. For example, press "BEVERAGE" once, "1" appears.

(b) Press "**START/+30SEC.**" to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

• DINNER PLATE

(a) Press "**DINNER PLATE**" repeatedly until the number you wish appears in the display, "250", "350", "500" grams will display in order.
For example, press "**DINNER PLATE**" once, "250" appears.

(b) Press "**START/+30SEC.**" to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

• PIZZA

(a) Press "**PIZZA**" repeatedly until the number you wish appears in the display, "100", "200", "400" grams will display in order.
For example, press "**PIZZA**" once, "100" appears.

(b) Press "**START/+30 SEC.**" to cook, buzzer sounds once. When cooking finishes, buzzer sounds five times and then turn back to waiting state.

MULTI-STAGE COOKING

At most 2 stages can be set for cooking. In multi-stage cooking, if one stage is defrosting, then defrosting shall be placed at the first stage automatically.

Note: Auto cooking cannot work in the multi-stage cooking.

Example: If you want to cook with 80% microwave power for 5 minutes + 60% microwave power for 10 minutes. The cooking steps are as following:

(1) Press "**TIME COOK**" once, then press "5", "0", "0" to set the cooking time;
(2) Press "**POWER**" once, then press "8" to select 80% microwave power.
(3) Press "**TIME COOK**" once, then press "1", "0", "0", "0" to set the cooking time;
(4) Press "**POWER**" once, then press "6" to select 60% microwave power.
(5) Press "**START/+30SEC.**" to start cooking.

LOCK FUNCTION FOR CHILDREN

Lock: In waiting state, press "**STOP/CANCEL**" for 3 seconds, there will be a long "beep" denoting the entering into the children-lock state; meanwhile, screen will display "[- -]".

Lock quitting: In locked state, press "**STOP/CANCEL**" for 3 seconds, there will be a long "beep" denoting that lock is released.

MEMORY FUNCTION

(1) Press "**0(Memory)**" to choose memory 1-3 procedure. The screen will display 1, 2, 3.

(2) If the procedure has been set, press "**START/+30SEC.**" to use it. If not, continue to set the procedure. Only one or two stages can be set.

(3) After finishing the setting, press "**START/+30SEC.**" once to save the procedure. If press "**START/+30SEC.**" again, it will start cooking.

Example: To set the following procedure as the second memory, that is memory 2.

To cook the food with 80% microwave power for 3 minutes and 20 seconds.

The steps are as follow:

a. In waiting state, press "**0(Memory)**" twice, stop pressing until the screen displays "2".
b. Press "**TIME COOK**" once, then press "3","2", "0" in order.
c. Press "**POWER**" once, "PL10" displays, then press "8" and "PL8" displays.
d. Press "**START/+30SEC.**" to save the setting. Buzzer sounds once and "2" displays. If you press "**START/+30SEC.**" again, the procedure will be saved as the memory 2 and operated.
e. If the electricity is not cut off, the procedure will be saved all the time. If it is, the procedure need to reset.
f. If you want to run the saved procedure, in waiting state, press "**0(Memory)**" twice, screen displays "2", then press "**START/+30SEC.**" to run.

INQUIRING FUNCTION

(1) In cooking state, press "**CLOCK**", the screen will display clock for three seconds.

(2) In the microwave cooking state, press "**POWER**" to inquire microwave power level, and the current microwave power will be displayed. After three seconds, the oven will turn back to the previous state. In multi-stage state, the inquiring way can be done by the same way as above.

COOKING END REMINDING FUNCTION

When the cooking is over, the buzzer will sound 5 "beep" to alert user the cooking is finished.

OTHER SPECIFICATIONS

(1) In standby state, if the set clock digital tube displays current time, the icon " : " would flash; otherwise, it shows "**0:00**".

(2) In setting function state, the screen displays corresponding setting.

(3) In working or pause state, the screen displays surplus cooking time.

TROUBLE SHOOTING

Normal	
Microwave oven interfering TV reception	Radio and TV reception may be interfered when microwave oven operating. It is similar to the interference of small electrical appliance, like mixer, vacuum cleaner, and electric fan. It is normal.
Dim oven light	In low power microwave cooking, oven light may become dim. It is normal.
Steam accumulating on door, hot air out of vents	In cooking, steam may come out of food. Most will get out from vents. But some may accumulate on cool place like oven door. It is normal.
Oven started accidentally with no food in.	It is forbidden to run the until without any food inside. It is very dangerous.

Trouble	Possible Cause	Remedy
Oven can not be started.	(1) Power cord not plugged in tightly.	Unplug. Then plug again after 10 seconds.
	(2) Fuse blowing or circuit breaker works.	Replace fuse or reset circuit breaker (repaired by professional personnel of our company)
	(3) Trouble with outlet.	Test outlet with other electrical appliances.
Oven does not heat.	(4) Door not closed well.	Close door well.