



MERCATOR

NAVIGATING SUCCESS

Commercial Microwave Oven

Instruction Manual



MM1000D



MM1000M

MODELS: MM1000D / MM1000M

***PLEASE READ THE MANUAL THOROUGHLY PRIOR TO
EQUIPMENT SET-UP, OPERATION, AND MAINTENANCE.***

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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 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 closes properly and that there is no damage to the:
 - 1. DOOR (bent)
 - 2. HINGES AND LATCHES (broken or loosened)
 - 3. DOOR SEALS AND SEALING SURFACE
- (d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

ADDENDUM

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

SPECIFICATIONS

Model:	MMI000M
Rated Voltage:	120VAC I 60Hz
Rated Input Power(Microwave):	1500W
Rated Output Power(Microwave):	1000W
Oven Capacity:	1.0 Cu. Ft.
External Dimensions (WxHxD):	20.1"W x 16.5"H x 12.2"D
Net Weight:	Approx. 32.4 Lbs

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SAFETY

1. The oven must be on a leveled surface.
2. Set the cooking time appropriate for your popcorn bag size to reduce the risk of burning or fire.
3. The oven has several built-in safety switches to ensure that the power remains off when the door is open. Do not tamper with these switches.
4. Do not operate the microwave oven empty. Operating the oven with no food or food that is extremely low in moisture can cause fire, charring or sparking.
5. Do not heat baby bottles or baby food in the microwave oven. Uneven heating may occur and could cause physical injury.
6. Do not heat narrow-necked containers, such as syrup bottles.
7. Do not attempt to deep-fry in your microwave oven.
8. Do not attempt home canning in this microwave oven, as it is impossible to be sure all contents of the jar have reached boiling temperature.
9. To prevent delayed eruptive boiling of hot liquids and beverages or scalding yourself, stir liquid before placing the container in the oven and again halfway through cooking time. Let stand in the oven for a short time and stir again before removing the container.
10. Use caution when cooking food in the microwave oven to prevent burning due to overcooking.
11. Children should not use the microwave oven without adult supervision.
12. Failure to keep the oven clean may cause deterioration that can shorten the appliance's lifespan and create a potential safety hazard.

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 all instructions before using the appliance.
2. Read and follow the specific: **"PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY"**.
3. As with most cooking appliances, close supervision is necessary to reduce the risk of a fire in the oven cavity.

If materials inside the oven ignite:

1. Keep the oven door closed.
2. Turn the oven off, and unplug the appliance.
3. Disconnect the power cord, shut off power at the fuse or circuit breaker panel.
4. Do not overcook food. Closely supervise the appliance when using paper, plastic, or other combustible materials inside the oven.
5. Do not use the oven cavity for storage purposes. Do not store combustible items such as bread, cookies, paper products, etc. inside the oven.
6. Remove wire twist-ties and metal handles from paper or plastic containers/bags before placing them in the oven.
7. This oven must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS".
8. Install or locate this oven only in accordance with the installation instructions provided.

Important Safety Instructions Warning Continued

9. Do not heat items such as whole eggs, or water with oil or fat, as they may explode.
10. Use this appliance only for its intended uses as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This oven is specifically designed to heat or cook food. It is not designed for industrial or laboratory use.
11. **HOT CONTENTS CAN CAUSE SEVERE BURNS. DO NOT ALLOW CHILDREN TO USE THE MICROWAVE.** Use caution when removing hot items.
12. Do not operate this oven if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped.
13. This appliance should be serviced only by qualified service technicians. Contact the nearest authorized service facility for examination, repair or adjustment.
14. Do not cover or block any vents on the oven.
15. Do not store or use this appliance outdoors.
16. Do not use this oven near water, for example, near a kitchen sink, in a wet basement, near a swimming pool, or similar locations.
17. Do not immerse cord or plug in water.
18. Keep cord away from heated surfaces.
19. Do not let cord hang over edge of table or counter.
20. When cleaning door and oven surfaces use only mild, nonabrasive soaps or detergents applied with a sponge or soft cloth.
21. 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.**
 - (i) Do not overheat the liquid.
 - (ii) Stir the liquid both before and halfway through heating it.
 - (iii) Do not use straight-sided containers with narrow necks.
 - (iv) After heating, allow the container to stand in the microwave oven for a short time before removing the container.
 - (v) Use extreme care when inserting a spoon or other utensil into the container

SAVE THESE INSTRUCTIONS

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.



Three-pronged
(grounding) plug

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 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 service technician if you do not fully understand the grounding instructions or are unsure whether the appliance is properly grounded. If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-pronged grounding plug, and a 3-slot receptacle that will accept the plug on the appliance.

1. A short power-supply cord is provided to reduce the risk of entanglement or tripping.
2. If a longer cord or extension cord is used, take care to avoid entanglement or tripping hazards.
3. If an extension cord is used:
 - 1) The marked electrical rating of the cord or extension cord must be at least equal to or greater than the electrical rating of the appliance.
 - 2) The extension cord must be a grounding-type 3-wire cord.
 - 3) The longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.

UTENSILS

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.

CAUTION

Personal Injury Hazard: Tightly-closed containers could explode. Closed containers should be opened and plastic pouches should be pierced before cooking

MATERIALS YOU CAN USE IN MICROWAVE OVEN

Utensils Remarks:	
Aluminum foil	Shielding only. Small smooth pieces can be used to cover thin parts of meat or poultry to prevent overcooking. Arcing can occur if foil is too close to oven walls. The foil should be at least 1 inch (2.5cm) away from oven walls.
Browning Dish	Follow manufacturer's instructions.
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 & 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 on the package.
Plastic Wrap	Microwave-safe only. Use to cover food during cooking to retain moisture. Do not allow plastic wrap to touch food.
Thermometers	Microwave-safe only (meat and candy thermometers).
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.

CLEANING INSTRUCTIONS

Always keep the oven clean

1. Cleaning the glass viewing window, the inner door panel and oven front face.

For best performance and to maintain the high degree of safety, the inner door panel and oven front face should be free of food or grease build-up. Wipe these parts with a mild detergent, rinse and wipe dry. Never use abrasive powders or pads.

2. Cleaning the control panel and plastic parts.

Do not apply a detergent or an alkaline liquid spray to the control panel and plastic parts, as this may cause damage.

Use a dry cloth (not a soaked cloth) to clean these parts.

3. Cleaning the oven interior

After use be sure to clean up spilled liquids, spattered oil and food debris as quickly as possible. If the oven is used when dirty, efficiency drops and the dirt gets stuck on the oven surface and may cause bad odors. Clean the interior with a cloth soaked in luke-warm water with a mild detergent dissolved in it, then rinse the soap off with a damp cloth.

CAUTION

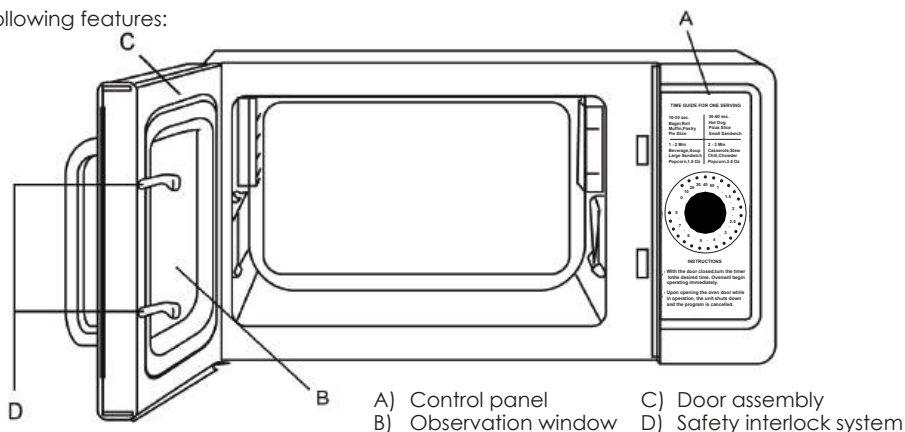
Do not wipe plastic and painted sections of the oven with bleach, thinners or other cleaning agents, as this may cause these parts to dissolve or change shape.

MODEL: MM1000M

SETTING UP YOUR OVEN

Names of Oven Parts and Accessories

Remove the oven and all materials from the carton and oven cavity. Your oven has the following features:



OPERATION: Control Panel and Features

Cooking Guide:

Bagel, Roll, Muffin, Pastry, Pie Slice

10-30Sec.

Hot Dog, Pizza Slice, Small Sandwich

30-60 Sec

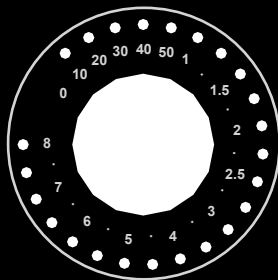
Beverage, Soup, Large Sandwich, Popcorn
(1.5 Oz) **1-2 Min.**

Casserole, Stew, Chili, Chowder Popcorn
(3.5 Oz) **2-3 Min.**

TIME GUIDE FOR ONE SERVING

10-30 sec. Bagel, Roll Muffin, Pastry Pie Slice	30-60 sec. Hot Dog Pizza Slice Small Sandwich
--	--

1 - 2 Min Beverage, Soup Large Sandwich Popcorn, 1.5 Oz	2 - 3 Min Casserole, Stew Chili, Chowder Popcorn, 3.5 Oz
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INSTRUCTIONS

- With the door closed, turn the timer to the desired time. Oven will begin operating immediately.
- Upon opening the oven door while in operation, the unit shuts down and the program is canceled.

OPERATION INSTRUCTIONS

1. Waiting State Instructions

When the microwave oven is electrified, the buzzer will sound once and enter into waiting state.

- (1) When electrified for the first time, the program goes into waiting state directly.
- (2) After cooking is finished, the program goes into waiting state.
- (3) If you open the oven door during the cooking process, the program will automatically return to waiting state.

2. Microwave Cooking

- (1) In waiting state, turn "  " directly to choose the cooking time. Cooking time will start immediately. The time setting will range from 0:10 to 8:00. The corresponding indicator light will illuminate when the time is set. The default microwave power is 100%.

- (2) When cooking finished, the buzzer will sound five times and the oven will return to waiting state. During the cooking process, if the door is opened, the program will immediately return to waiting state and the cooking cycle will be canceled.

Note: the time may be adjusted in the following increments:

Adjustment Time:	
0-1 minute	10 Seconds
1-3 minutes	15 Seconds
3-8 minutes	30 Seconds

3. End of Cycle Alert

When cooking ends, the buzzer will sound five times to signal that the cooking cycle is complete.

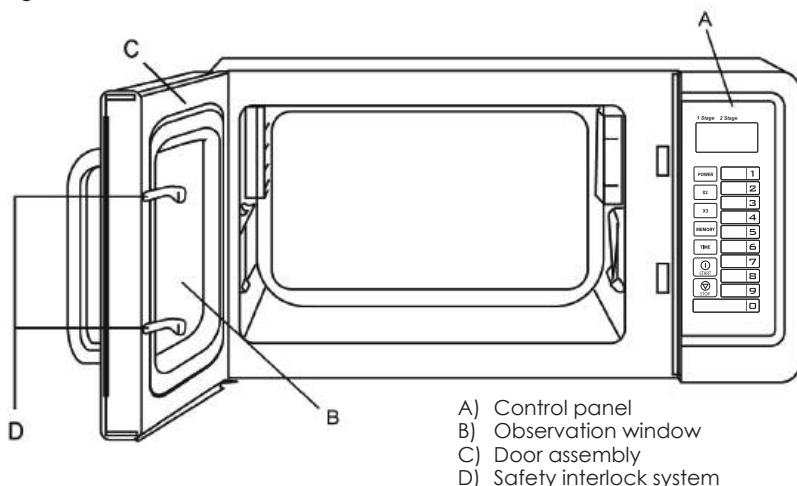
4. Other Specifications

- (1) There will be an audible tone each time the knob is turned.
- (2) There will be no tone if the knob is turned without pausing.
- (3) The oven lamp will stay lit when the oven door is open and power is connected.

SETTING UP YOUR OVEN

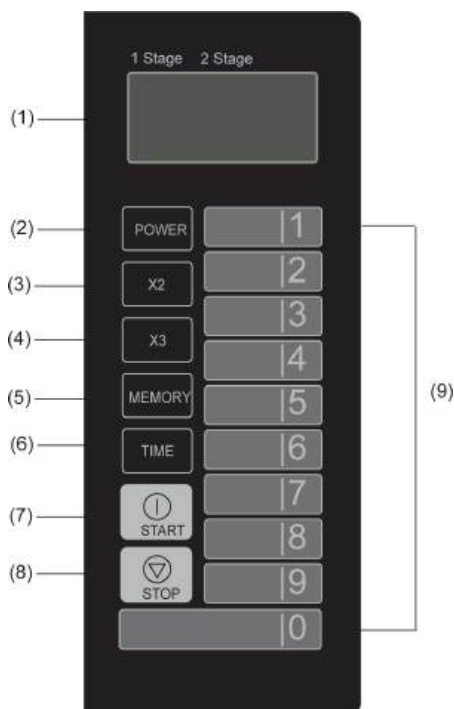
Names of Oven Parts and Accessories

Remove the oven and all materials from the carton and oven cavity. Your oven has the following features:



OPERATION: Control Panel and Features

- (1) LED display-Cooking time, power level, function indicator are displayed.
- (2) Power Key- Choose the power level.
- (3) X2 Key-Select to cook double quantities. Cooking time will increase 2X.
- (4) X3 Key-Select to cook triple quantities. Cooking time will increase 3X.
- (5) Memory Key-For entering the desired power output and cooking time.
- (6) Time Key-For choosing the desired cooking time.
- (7) Start Key-For start of programmed cooking.
- (8) Stop Key-For canceling setting process or to stop cooking before cooking is completed.
- (9) Number Key-For entering power and cooking time.



OPERATING INSTRUCTIONS

The buzzer will sound once and "0:00" will display when the oven is plugged in for the first time.

1. Microwave Cooking

- 1) In waiting state, press "POWER", "PL10" displays.
- 2) Press number keys between 0-9 to choose power level.
For example, to select 60% power, press "6", "PL6" displays. The default power is PL10 if this step is skipped.
- 3) Press "TIME", "0:00" displays.
- 4) Press number keys 0-9 to input the cooking time.
The maximum time is 30 minutes between PL10 to PL7.
The maximum time is 60 minutes between PL6 to PL0.
- 5) Press "START" to start cooking. Note:
 - a. If the setting power is PL10, skip steps 1 and 2, and start with step 3.
 - b. If the "STOP" key is pressed or no operation is performed after one minute, the setting will canceled.

11 POWER LEVELS ARE AVAILABLE

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

2. Speed Cooking

- 1) In waiting state, press the "TIME" key, "0:00" displays.
Press number keys 0-9 to input the cooking time. The default power is 100%. The maximum time is 30 minutes. After setting the time, press "START" to start cooking.
- 2) In waiting state, press "START" to cook for 30 seconds at 100% power. Press "START" again to increase the cooking time by 30 second increments up to a maximum cooking time of 30 minutes.

Note:

- a. During cooking, including multi-stage cooking, press "START" to increase the cooking time.
The power level will not change.
- b. When using the memory function, press "START" to increase the time.

3. Multi-Stage Cooking

A maximum of two stages can be set. The buzzer will ring once after each stage ends and the next stage begins.

Note: The memory function cannot be set as one of the stages.

Multi-Stage Cooking Example: if you want to cook food at 70% power for 5 minutes, then cook at 50% power for 7 minutes, the steps are as follows:

- (1) In waiting state, press "POWER" once, "PL10" displays.
- (2) Press "7" to choose 70% power and "PL7" displays.
- (3) Press "TIME", "0:00" displays.
- (4) Press "5", "0", "0" to input the cooking time.
- (5) Press "POWER" once.
- (6) Press "5" to choose 50% power and "PL5" displays.
- (7) Press "TIME", "0:00" displays.
- (8) Press "7", "0", "0" to input the cooking time.
- (9) Press "START" to start cooking.

Note: to cook at 100% power, press "TIME" directly and then press number keys to input the cooking time and hit start.

4. Memory Function

- (1) The microwave can be programmed using the number keys (0-9), which allows you to set and save the cooking power and time in one or two stages.
- (2) To program a key for **single stage cooking**:
 - a. Press "Memory", then press the number key you wish to assign to the saved program.
 - b. Press "Power", then press the number key correlating to the power level you desire (reference power level table on page 11).
 - c. Press "Time", then input the cooking time using the number keys.
 - d. Press "Memory" again to save the program
 - e. To use the program, simply press the programmed number key selected in step a. To interrupt the cooking program, select "Stop".
- (3) To program a key for **multi-stage cooking**, follow steps a. through c. above for the first stage, then repeat steps b. through c. for the second stage. Press "Memory" to save the multi-stage cooking program. To use the multi-stage cooking program, press the programmed number key selected in step a. To interrupt the cooking program, select "Stop".

Note: (1) If the microwave is unplugged or you lose electrical service, the saved programs will not be erased. (2) To reprogram a key, follow the instructions again to reset the key and save the program.

5. Multi-Quantity Function

- (1) In waiting state, press "X2" , "2" will display.
- (2) Press the number keys from 0 to 9 associated with the saved Memory program to begin cooking. The cooking time of the saved program will increase by two (X2) or three times (X3).

Note: If "X2" or "X3" is selected and the time exceeds the maximum cook time allowed, the microwave will not start and the buzzer will sound once.

6. Child-Lock Function

Lock: To lock the microwave keys, in waiting state, press "STOP" for 3 seconds. A long "beep" indicates that the microwave is locked and the screen will display "L _ _ _".

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

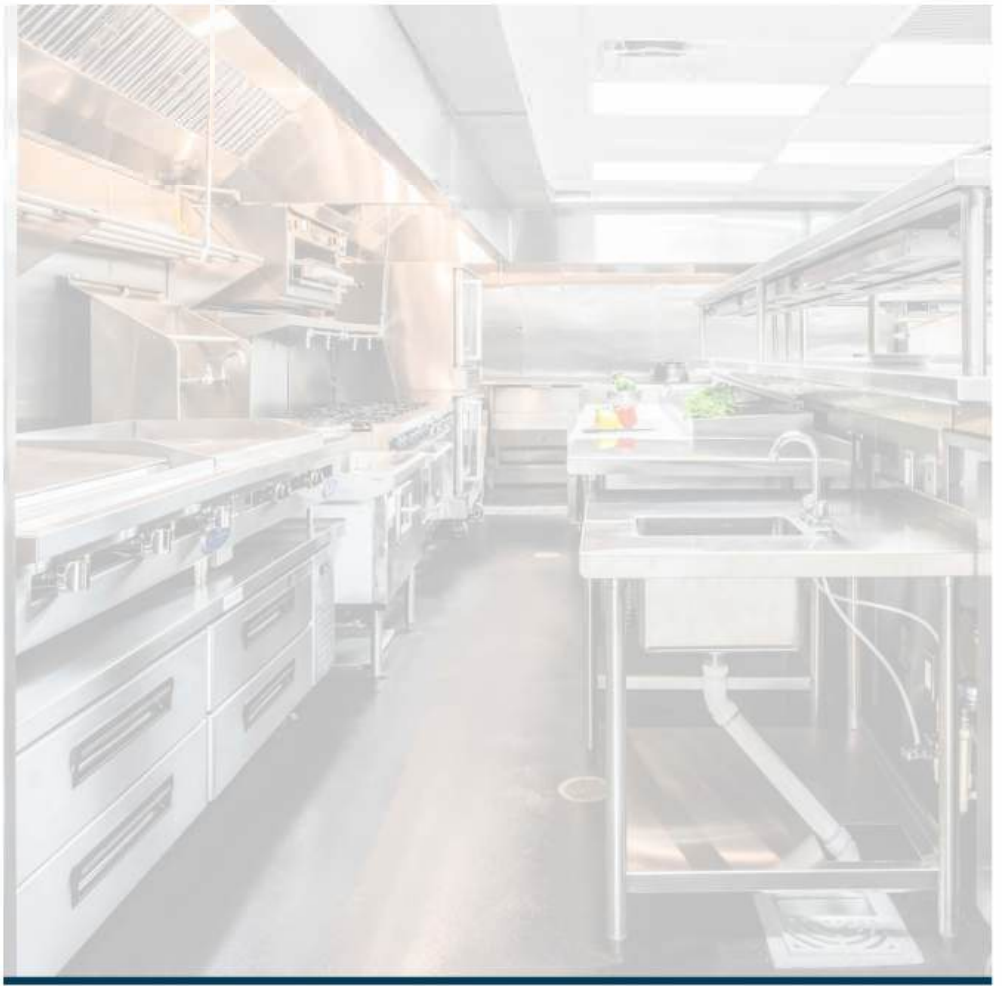
7. Check Function

- 1) To view the power level during cooking, press "POWER". The current power level will be displayed for 3 seconds.
- 2) Memory check: to check a programmed number key, the oven door must be open. Press the number key. If a single stage program is saved, the power level will display for 3 seconds and then the cooking time will display for 3 seconds. If a two-stage program is saved, the power level of the first stage will display for 3 seconds, and the cooking time will display for 3 seconds. Then the power level and time of second stage will then display.

8. End of Cycle Alert

When the cooking cycle is completed, the microwave will beep five times.

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