Microwave Oven INSTRUCTION MANUAL

MODEL: EC034AL7

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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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 allows 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.

Specifications

Model	EC034AL7-S00A00
Rated Voltage	120 V~ 60 Hz
Rated Input Power (Microwave):	1500 W
Rated Output Power (Microwave):	1000 W
Rated Input Power (Grill):	1100 W
Rated Input Power (Convection):	1800 W

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should 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 5.
- 4. Install or locate this appliance only in accordance with the provided installation instructions
- 5. Some products such as whole eggs 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, near a swimming pool, or similar location.
- 12. Do not immerse cord or plug in water.
- 13. Keep cord away from heated surface.
- 14. Do not let cord hang over edge of table or counter.
- 15. When cleaning surfaces of door and oven that comes together on closing the door, use only mild, nonabrasive soaps, or detergent applied with a sponge or soft cloth.
- 16. To reduce the risk of fire in the oven cavity:
 - 1). Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
 - 2). Remove wire twist-ties from paper or plastic bag before placing bag in oven.
 - 3). If material inside of 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.
 - 4). 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 LIQUID SUDDENLY BOILING OVER WHEN THE CONTAINER IS DISTURBED OR A UTENSIL IS INSERTED INTO THE LIQUID. To reduce the risk of injury to persons:

- 1) Do not overheat the liquid.
- 2) Stir the liquid both before and halfway through heating it.
- 3) Do not use straight-sided containers with narrow necks.
- 4) After heating, allow the container to stand in the microwave oven for a short time before removing the container.
- 5) Use extreme care when inserting a spoon or other utensil into the container.
- 18. Oversized food or oversized metal utensils should not be inserted in a microwave/ toaster oven as they may create a fire or risk of electric shock.
- 19. Do not clean with metal scouring pads. Pieces can burn off the pad and touch electrical parts involving a risk of electric shock.
- 20. Do not use paper products when appliance is operated in the toaster mode.
- 21. Do not store any materials, other than manufacturer's recommended accessories, in this oven when not in use.
- 22. Do not cover racks or any other part of the oven with metal foil. This will cause overheating of the oven.

SAVE THESE INSTRUCTIONS

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 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 that has a 3-blade grounded plug, and 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord shall be equal to or greater than the electrical rating of the appliance.

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.

- 1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
- Longer cord sets or extension cords are available and may be used if care is exercised in their use.
- 3. 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.
 - 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.

RADIO INTERFERENCE

- Operation of the microwave oven may cause interference to your radio, TV or similar equipment.
- 2. When there is interference, it may be reduced or eliminated by taking the following measures:
 - 1) Clean door and sealing surface of the oven
 - 2) Reorient the receiving antenna of radio or television.
 - 3) Relocate the microwave oven with respect to the receiver.
 - 4) Move the microwave oven away from the receiver.
 - Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

This device complies with part 18 of the FCC Rules.

UTENSILS

CAUTION - Personal Injury Hazard

Tightly-closed utensils could explode. Closed containers should be opened and plastic pouches should be pierced before cooking.

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.
- 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.

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.

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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.
- 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 neighbouring 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.

UTENSILSCAUTION

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:

- 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.	
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

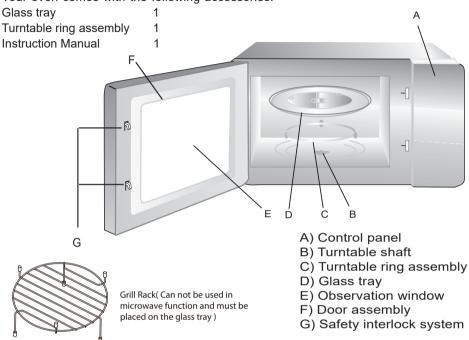
Utensils	Remarks
Aluminum tray	May cause arcing. Transfer food into microwave-safe dish.
Food carton with metal handle	May cause arcing. Transfer food into microwave-safe dish.
Metal or metal-	Metal shields the food from microwave energy. Metal trim may
trimmed utensils	cause arcing.
Metal twist ties	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.

SETTING UP YOUR OVEN

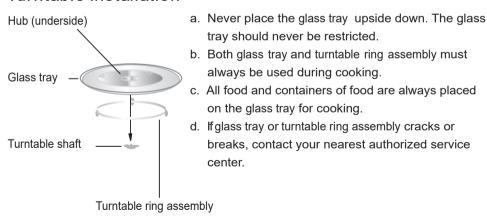
Names of Oven Parts and Accessories

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

Your oven comes with the following accessories:



Turntable Installation



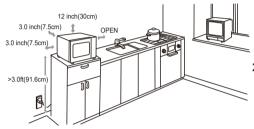
Countertop Installation

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

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



A minimum clearance of 3.0 inches (7.5cm) is required between the oven and any adjacent walls. One side must be open. The minimum installation height is 3.0ft(91.6cm).

- (1) Leave a minimum clearance of 12 inches (30cm) above the oven.
- (2) Do not remove the legs from the bottom of the oven.

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



OPERATION INSTRUCTION

This microwave oven uses modern electronic control to adjust cooking parameters to meet your needs better for cooking.

1.Clock Setting

When the microwave oven is electrified, the oven will display "00:00", buzzer will ring once.

- (1) Press "CLOCK ". "00:00" displays.
- (2) Press number keys to set the time, the input time should be within 01:00-12:59.
- (3) Press "CLOCK" to finish clock setting.

Note: (1) In the process of clock setting, if the "CLOCK" button is not pressed and if there is no operation within 1 minute, the oven will return to the former setting.

2. Kitchen Timer

- (1) Press "TIMER" once, the screen will display 00:00.
- (2) Press number keys to set the time(The maximum cooking time is 99:99)
- (3) Press "START/+30SEC./CONFIRM" to confirm setting.

3. Grill Function

- (1) In waiting state, press "Bake", "G" will display.
- (2) Press "START/+30SEC./CONFIRM" to confirm.
- (3) Press number keys to enter cooking time. The maximum time value is "99:99".
- (4) Press "START/+30SEC./CONFIRM" to start cooking.

Note: When half of the time has passed, the buzzer will sound to remind you to turn the food over. If no operation, the oven will continue working.

4. Microwave Cooking

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

- (1) Press "MICRO." repeatedly to set the power level.11 power levels are available.
- (2) Press "START/+30SEC./CONFIRM" to confirm.
- (3) Press number keys to enter cooking time. The maximum time value is "99:99".
- (4) Press "START/+30SEC./CONFIRM" to start cooking.

Example: to cook the food with PL5 for 15 minutes

- a.Press "MICRO." repeatedly to set the power level for PL05.
- b.Press "START/+30SEC./CONFIRM" to confirm.
- c.Press "1". "5". "0". "0" in order.
- d.Press "START/+30SEC./CONFIRM" to start cooking.

5. Combination

- (1) In waiting state,press "Combi." repeatedly to choose the mode,
 - "C-1,C-2" will display in order.
- (2) Press "START/+30SEC./CONFIRM" to confirm.
- (3) Press number keys to enter cooking time. The maximum time value is "99:99".
- (4) Press "START/+30SEC./CONFIRM" to start cooking.

6. Convection Cooking without Preheat Function

- (1) Press "Conv." once and then "100°F" will display.
- (2) Press "Conv." repeatedly to set temperature. "100°F~425°F" are available,
- (3) Press "START/+30SEC./CONFIRM" to confirm the temperature.
- (4) Press number keys to enter cooking time. The maximum time value is "99:99".
- (5) Press "START/+30SEC./CONFIRM" to start cooking.

7. Convection Cooking with Preheat Function

- (1) Press "Conv." once and then "100°F" will display.
- (2) Press "Conv." repeatedly to set temperature. "100°F~425°F" are available,
- (3) Press "START/+30SEC./CONFIRM" to confirm the temperature.
- (4) Press "START/+30SEC./CONFIRM" again to enter preheating setting.
- (5) When preheating is completed, the oven will beep twice. Open the door and place food in the oven.
- (6) Close the oven door.
- (7) Press number keys to enter cooking time. The maximum time value is "99:99".
- (8) Press "START/+30SEC./CONFIRM" to start cooking.

8. Defrost by Weight

- (1) Press "Pro Defrost" once, and then the screen will display "dEF1".
- (2) Press "START/+30SEC./CONFIRM" to confirm.
- (3) Press number keys to enter the weight of food. The range of weight is 4 to 70 Oz.
- (4) Press "START/+30SEC./CONFIRM" to start defrosting.

Note: During defrosting, the buzzer will sound to remind you to turn the food over.

If no operation, the oven will continue working.

9. Defrost by Time

- (1) Press "Pro Defrost" twice, and then the screen will display "dEF2".
- (2) Press "START/+30SEC./CONFIRM" to confirm.
- (3) Press number keys to set the time. The maximum time value is "99:99".
- (4) Press "START/+30SEC./CONFIRM" to start defrosting.

Note: (1)When half of the time has passed, the buzzer will sound to remind you to turn the food over. If no operation, the oven will continue working.

(2) The default power level is P30, it cannot be changed.

10. Multi-Stage Cooking

Notes: (1) Two cooking stages can be set in multi-stage cooking.

- (2) If you set defrost function, it will work automatically in the first stage.
- (3) Kitchen Timer, auto menu, speed cooking, preheat cannot be set as one of the multi-stage.

Example: defrost food for 5 minutes and then cook with 80% microwave power for 7 minutes

- (1) Press "Pro Defrost" twice and then the screen will display "dEF2".
- (2) Press "START/+30SEC./CONFIRM" to confirm.
- (3) Press "5", "0", "0" to set the desired defrost time of 5 minutes.
- (4) Press "MICRO." repeatedly to choose the power level for PL8.
- (5) Press "START/+30SEC./CONFIRM" to confirm.
- (6) press "7", "0", "0" to set the cooking time for 7 minutes.
- (7) Press "START/+30SEC./CONFIRM" to start cooking.

11. Speed Cooking

(2) In waiting state, pressing number keys 1 to 6 or "START/+30SEC./CONFIRM" to let you quickly start cooking with PL10 power level, Then you can press "START/+30SEC./CONFIRM" to increase the cooking time. The maximum time value is "99:99".

12.Lock-out Function for Children

Lock: In waiting state, press "STOP/CLEAR" for 3 seconds, there will be a long "beep" denoting entering into the children-lock state and the lock indicator will light.screen will display current time or 0:00.

Lock quitting: In locked state, press "STOP/CLEAR" for 3 seconds, there will be a long "beep" denoting that the lock is released, and the lock indicator will disapear.

13.ECO Function

To enter ECO mode:

In waiting state, press "Stop/Clear" The screen will turn off.

To cancel ECO mode:

In ECO mode, press any keys ,open and close the door will cancel it.

14. Inquiring Function

1) During cooking state, press "CLOCK" to check the current time.

15.Silent mode

To enter the silent mode In waiting state, press Sound On/OFF Lock 3s pad once, the screen will display "oFF" for 3 seconds.

To exit the silent mode In waiting and slient mode, press Sound On/OFF Lock 3s pad once, the screen will display "on" for 3 seconds.

16.Easy Popcorn

- (1) In waiting state, press "Easy Popcorn" once, "3.0Oz" will display.
- $\label{eq:condition} \mbox{(2) Press "Easy Popcorn" repeatedly to choose the weight. "3.00z" and "3.50z" are available.}$
- (5) Press "START/+30SEC./CONFIRM" to start cooking.

17.Reheat

- (1) In waiting state, press "Reheat" once, "5.00z" will display.
- (2) Press "Reheat" repeatedly to choose the weight. "50z,90z,120z,160z, 210z" are available.
- (3) Press "START/+30SEC./CONFIRM" to start cooking.

18.Air Fry

- (1) Press "Air Fry" once, H01 will display.
- (2) Press Air Fry repeatedly or press number keys to choose the air fry menus.
- (3) Press "START/+30SEC./CONFIRM" to start cooking.

The menu chart

Menu	Display	Weight	Temperature
Frozen French Fries Frozen croquettes Frozen Squid Frozen Onion rings Frozen chicken nuggets Frozen Escalope Frozen Shrimps Vegetable Fresh Chicken wings	H-1 H-2 H-3 H-4 H-5 H-6 H-7 H-8 H-9	110z 140z 100z 100z 120z 140z 90z 110z 180z	425°F without preheat

19.Auto Menu

- (1) In waiting state, press "Auto Menu" once , A01 will display.
- (2) Press "Auto Menu" repeatedly to choose the auto menus.
- (3) Press "START/+30SEC./CONFIRM" to confirm.
- (4) Press "Auto Menu" repeatedly to choose the weight.
- (5) Press "START/+30SEC./CONFIRM" to start cooking.

A01	8.00Oz	8.00Oz	
Pizza	14.00Oz	14.00Oz	400°F
	1	1	
A02 Potato	2	2	P100
. otato	3	3	
	8.00 Oz	8.00 Oz	
A03 Meat	12.00 Oz	12.00 Oz	P80
mout	16.00 Oz	16.00 Oz	
	8.00 Oz	8.00 Oz	
A04 Fish	12.00 Oz	12.00 Oz	P80
1.0	16.00 Oz	16.00 Oz	
	4.00 Oz	4.00 Oz	
A05 Vegetable	8.00 Oz	8.00 Oz	P100
	16.00 Oz	16.00 Oz	
400	1	1	
A06 Beverage	2	2	P100
	3	3	
A07 Pasta	1.75Oz	1.75Oz	P80
	3.5Oz	3.50z	1 00
A08 Cake			325°F (with preheat)

A09 Chicken	16.00OZ	16.00OZ	
	24.00OZ	24.00OZ	
	32.00OZ	32.00OZ	P100/
	40.00OZ	40.00OZ	400°F
	48.00OZ	48.00OZ	

Check your problem by using the chart below and try the solutions for each problem. If the microwave oven still does not work properly, contact the nearest authorized service center.

TROUBLE	POSSIBLE CAUSE	POSSIBLE REMEDY
Oven will not start	a. Electrical cord for oven is not plugged in.b. Door is open.c. Wrong operation is set or not confirmed.	a. Plug into the outlet. b.Close the door and try again. c.Press"Start/+30Sec./Confirm" or check instructions.
Arcing or sparking	a. Materials to be avoided in microwave oven were used.b. The oven is operated when empty.c. Spilled food remains in the cavity.	a. Use microwave-safe cookware only. b.Do not operate with oven empty. c. Clean cavity with wet towel.
Unevenly cooked foods	 a. Materials to be avoided in microwave oven were used. b. Food is not defrosted completely. c. Cooking time, power level is not suitable. d. Food is not turned or stirred. 	a. Use microwave-safe cookware only. b. Completely defrost food. c. Use correct cooking time, power level. d. Turn or stir food.
Overcooked foods	Cooking time, power level is not suitable.	Use correct cooking time, power level.
Undercooked foods	 a. Materials to be avoided in microwave oven were used. b. Food is not defrosted completely. c. Oven ventilation ports are restricted. d. Cooking time, power level is not suitable. 	a. Use microwave-safe cookware only. b. Completely defrost food. c.Check to see that oven ventilation ports are not restricted. d. Use correct cooking time, power level.
Improper defrosting	a. Materials to be avoided in microwave oven were used.b. Cooking time, power level is not suitable.c. Food is not turned or stirred.	a. Use microwave-safe cookware only. b. Use correct cooking time, power level. c. Turn or stir food.