Microwave Oven

User manual

ME83M-B3



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IMPORTANT SAFETY INSTRUCTIONS

READ CAREFULLY AND KEEP FOR FUTURE REFERENCE.

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

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.

WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode.

WARNING: Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

This appliance is intended to be used in household only and it is not intended to be used such as:

- staff kitchen areas in shops, offices and other working environments;
- farm houses;
- by clients in hotels, motels and other residential environments;
- bed and breakfast type environments.

Only use utensils that are suitable for use in microwave ovens.

When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.

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.

If smoke is observed (emitted), switch off or unplug the appliance and keep the door closed in order to stifle any flames.

Microwave heating of beverages can result in delayed eruptive boiling, therefore care must be taken when handling the container.

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.

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.

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Safety instructions

The oven should be cleaned regularly and any food deposits removed.

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.

The microwave oven is intended to be used on the counter top (freestanding) use only, the microwave oven shall not be placed in a cabinet.

Metallic containers for food and beverages are not allowed during microwave cooking.

The care should be taken not to displace the turntable when removing containers from the appliance.

The appliance shall not be cleaned with a steam cleaner.

The appliance should not be cleaned with a water jet.

The appliance is not intended for installing in road vehicles, caravans and similar vehicles etc.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

This appliance can be used by children aged from 8 years and above 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 without supervision.

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.

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This oven should be positioned proper direction and height permitting easy access to cavity and control area.

Before using the your oven first time, oven should be operated with the water during 10 minute and then used.

If the oven generates a strange noise, a burning smell, or smoke is emitted, unplug the power plug immediately and contact your nearest service center.

The microwave oven has to be positioned so that plug is accessible.

General safety

Any modifications or repairs must be performed by qualified personnel only.
Do not heat food or liquids sealed in containers for the microwave function.
Do not use benzene, thinner, alcohol, or steam or high-pressure cleaners to clean the oven.
Do not install the oven: near a heater or flammable material; locations that are humid, oily, dusty or exposed to direct sunlight or water; or where gas may leak; or an uneven surface.
This oven must be properly grounded in accordance with local and national codes.
Regularly use a dry cloth to remove foreign substances from the power plug terminals and contacts.
Do not pull, excessively bend, or place heavy objects on the power cord.
If there is a gas leak (propane, LP, etc) ventilate immediately. Do not touch the power cord.
Do not touch the power cord with wet hands.
While the oven is operating, do not turn it off by unplugging the power cord.
Do not insert fingers or foreign substances. If foreign substances enter the oven, unplug the power cord and contact a local Samsung service centre.
Do not apply excessive pressure or impact to the oven.
Do not place the oven over fragile objects.
Ensure the power voltage, frequency, and current matches the product specifications.
Firmly plug the power plug into the wall socket. Do not use multiple plug adapters, extension cords, or electric transformers.
Do not hook the power cord on metal objects. Make sure the cord is between objects or behind the oven.
Do not use a damaged power plug, power cord, or loose wall socket. For damaged power plugs or cords, contact a local Samsung service centre.
Do not pour or directly spray water onto the oven.
Do not place objects on the oven, inside, or on the oven door.
Do not spray volatile materials such as insecticide on the oven.
Do not store flammable materials in the oven. Because alcohol vapours can contact hot parts of the oven, use caution when heating food or drinks containing alcohol.
Children may bump themselves or catch their fingers on the door. When opening/closing the door, keep children away.

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Safety instructions

Microwave warning

Microwave heating of beverages may result in delayed eruptive boiling; always use caution when handling the container. Always allow beverages to stand at least 20 seconds before handling. If necessary, stir during heating. Always stir after heating.

In the event of scalding, follow these First Aid instructions:

1. Immerse the scalded area in cold water for at least 10 minutes.
2. Cover with a clean, dry dressing.
3. Do not apply any creams, oils, or lotions.

To avoid damaging the tray or rack, do not put the tray or rack in water shortly after cooking.

Do not use the oven for deep fat frying because the oil temperature cannot be controlled. This could result in a sudden boil over of hot oils.

Microwave oven precautions

Only use microwave-safe utensils. Do not use metallic containers, gold or silver trimmed dinnerware, skewers, etc.

Remove wire twist ties. Electric arcing may occur.

Do not use the oven to dry papers or clothes.

Use shorter times for small amounts of food to prevent overheating or burning.

Keep the power cord and power plug away from water and heat sources.

To avoid the risk of explosion, do not heat eggs with shells or hard-boiled eggs.

Do not heat airtight or vacuum-sealed containers, nuts, tomatoes, etc.

Do not cover the ventilation slots with cloth or paper. This is a fire hazard. The oven may overheat and turn off automatically and will remain off until it cools sufficiently.

Always use oven mitts when removing a dish.

Stir liquids halfway during heating or after heating ends and allow the liquid stand at least 20 seconds after heating to prevent eruptive boiling.

Stand at arms length from the oven when opening the door to avoid getting scalded by escaping hot air or steam.

Do not operate the oven when it is empty. The oven will automatically shut down for 30 minutes for safety purposes. We recommend placing a glass of water inside the oven at all times to absorb microwave energy in case the oven is started accidentally.

Install the oven in compliance with the clearances in this manual. (See Installing your microwave oven.)

Use caution when connecting other electrical appliances to sockets near the oven.

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Microwave operation precautions

Failure to observe the following safety precautions may result in harmful exposure to microwave energy.

- Do not operate the oven with the door open. Do not tamper with the safety interlocks (door latches). Do not insert anything into the safety interlock holes.
- Do not place any object between the oven door and front face or allow food or cleaner residue to accumulate on sealing surfaces. Keep the door and door sealing surfaces clean by wiping with a damp cloth and then with a soft, dry cloth after each use.
- Do not operate the oven if it is damaged. Only operate after it has been repaired by a qualified technician.
  Important: the oven door must close properly. The door must not be bent; the door hinges must not be broken or loose; the door seals and sealing surfaces must not be damaged.
- All adjustments or repairs must be done by a qualified technician.

Limited warranty

Samsung will charge a repair fee for replacing an accessory or repairing a cosmetic defect if the damage to the unit or accessory was caused by the customer. Items this stipulation covers include:

- Door, handles, out-panel, or control panel that are dented, scratched, or broken.
- A broken or missing tray, guide roller, coupler, or wire rack.

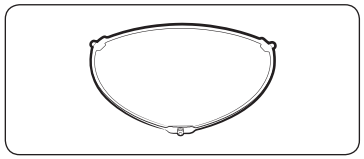
Use this oven only for its intended purpose as described in this instruction manual. Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution, and care when installing, maintaining, and operating your oven.
Because these following operating instructions cover various models, the characteristics of your microwave oven may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact a local Samsung service centre or find help and information online at www.samsung.com.
Use this oven for heating food only. It is intended for domestic use only. Do not heat any type of textiles or cushions filled with grains. The manufacturer cannot be held liable for damage caused by improper or incorrect use of the oven.
To avoid deterioration of the oven surface and hazardous situations, always keep the oven clean and well maintained.

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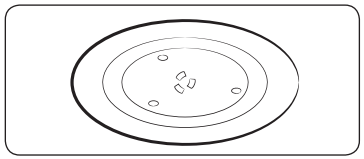
Installation

Accessories

Depending on the model that you have purchased, you are supplied with several accessories that can be used in a variety of ways.



01 **Roller ring**, to be placed in the centre of the oven.
The roller ring supports the turntable.

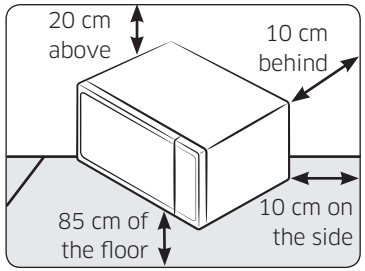


02 **Turntable**, to be placed on the roller ring with the centre fitting to the coupler.
The turntable serves as the main cooking surface; it can be easily removed for cleaning.

⚠ **CAUTION**

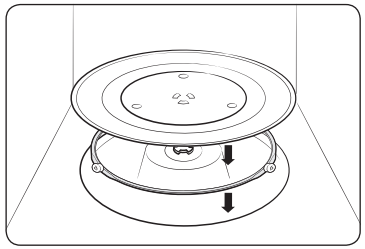
DO NOT operate the microwave oven without the roller ring and turntable.

Installation site



- Select a flat, level surface approx. 85 cm above the floor. The surface must support the weight of the oven.
- Secure room for ventilation, at least 10 cm from the rear wall and both sides, and 20 cm from above.
- Do not install the oven in hot or damp surroundings, such as next to other microwave ovens or radiators.
- Conform to the power supply specifications of this oven. Use only approved extension cables if you need to use.
- Wipe the interior and the door seal with a damp cloth before using your oven for the first time.

Turntable



Remove all packing materials inside the oven. Install the roller ring and turntable. Check that the turntable rotates freely.

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Maintenance

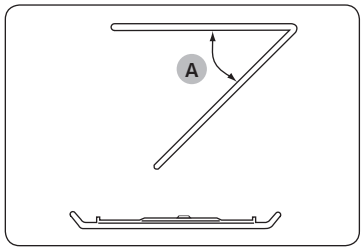
Cleaning

Clean the oven regularly to prevent impurities from building up on or inside the oven. Also pay special attention to the door, door sealing, and turntable and roller ring (applicable models only).
If the door won't open or close smoothly, first check if the door seals have built up impurities. Use a soft cloth in soapy water to clean both the inner and outer sides of the oven. Rinse and dry well.

To remove stubborn impurities with bad smells from inside the oven

1. With an empty oven, put a cup of diluted lemon juice on the centre of the turntable.
2. Heat the oven for 10 minutes at max power.
3. When the cycle is complete, wait until the oven cools down. Then, open the door and clean the cooking chamber.

To clean inside swing-heater models



To clean the upper area of the cooking chamber, lower the top heating element by 45° **(A)** as shown. This will help clean the upper area. When done, reposition the top heating element.

⚠ CAUTION

- Keep the door and door sealing clean and ensure the door opens and closes smoothly. Otherwise, the oven's lifecycle may be shortened.
- Take caution not to spill water into the oven vents.
- Do not use any abrasive or chemical substances for cleaning.
- After each use of the oven, use a mild detergent to clean the cooking chamber after waiting for the oven to cool down.

Replacement (repair)

⚠ WARNING

This oven has no user-removable parts inside. Do not try to replace or repair the oven yourself.

- If you encounter a problem with hinges, sealing, and/or the door, contact a qualified technician or a local Samsung service centre for technical assistance.
- If you want to replace the light bulb, contact a local Samsung service centre. Do not replace it yourself.
- If you encounter a problem with the outer housing of the oven, first unplug the power cord from the power source, and then contact a local Samsung service centre.

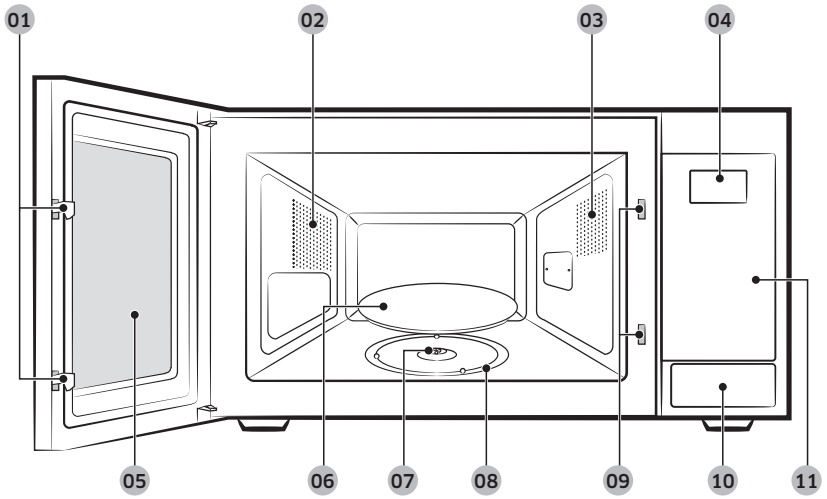
Care against an extended period of disuse

If you don't use the oven for an extended period of time, unplug the power cord and move the oven to a dry, dust-free location. Dust and moisture that builds up inside the oven may affect the performance of the oven.

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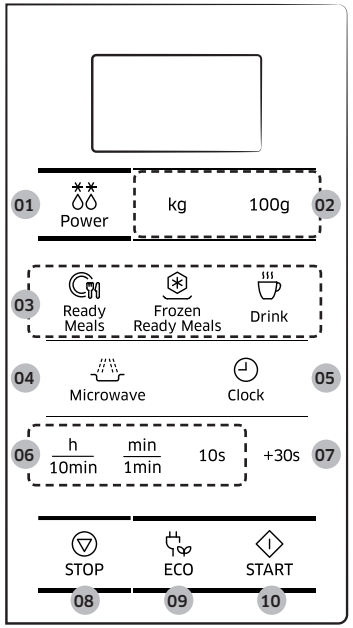
Oven features

Oven



01 Door latches
02 Ventilation holes
03 Light
04 Display
05 Door
06 Turntable
07 Coupler
08 Roller ring
09 Safety interlock holes
10 Open door push button
11 Control panel

Control panel



01 Power defrost
02 Weight selection
03 Instant reheat/cook selection
04 Microwave
05 Clock
06 Time setting
07 +30s
08 STOP
09 Energy save
10 START

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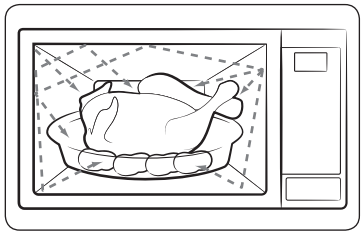
Oven use

How a microwave oven works

Microwaves are high-frequency electromagnetic waves; the energy released enables food to be cooked or reheated without changing either the form or the colour.
You can use your microwave oven to:

- Defrost
- Reheat
- Cook

Cooking principle.



1. The microwaves generated by the magnetron reflected at cavity and are distributed uniformly as the food rotates on the turntable. The food is thus cooked evenly.
2. The microwaves are absorbed by the food up to a depth of about 1 inch (2.5 cm). Cooking then continues as the heat is dissipated within the food.
3. Cooking times vary according to the container used and the properties of the food:
   - Quantity and density
   - Water content
   - Initial temperature (refrigerated or not)

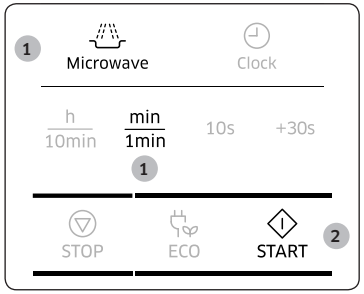
⚠ CAUTION

As the centre of the food is cooked by heat dissipation, cooking continues even when you have taken the food out of the oven. Standing times specified in recipes and in this booklet must therefore be respected to ensure:

- Even cooking of the food right to the centre.
- The same temperature throughout the food.

Checking that your oven is operating correctly

The following simple procedure enables you to check that your oven is working correctly at all times.
Open the oven door. Place a glass of water on the turntable. Then, close the door.



1. Press the **Microwave** button and set the time to 4-5 minutes by pressing the **1min** button the appropriate number of times.
2. Press the **START** button. The oven heats the water for 4 to 5 minutes. The water should then be boiling.

NOTE

The oven must be plugged into an appropriate wall socket. The turntable must be in position in the oven. If a power level other than the maximum is used, the water takes longer to boil.

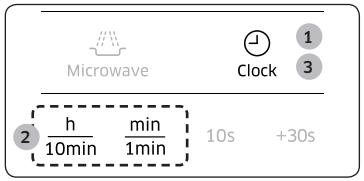
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Oven use

Setting the time

Your microwave oven has an inbuilt clock. When power is supplied, :0, 88:88 or 12:00 is automatically displayed on the display.
Please set the current time. The time can be displayed in either the 24-hour or 12-hour notation. You must set the clock:

- When you first install your microwave oven
- After a power failure



1. To display the time in the…
   24-hour notation.
   12-hour notation.
   Press the **Clock** button once or twice.
2. Set the hour with the **h** button and the minutes with the **min** button.
3. When the right time is displayed, press the **Clock** button again to start the clock. The time is displayed whenever you are not using the microwave oven.

NOTE

Do not forget to reset the clock when you switch to and from summer and winter time.

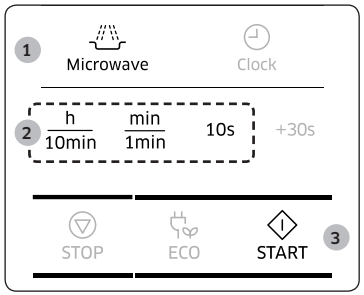
Cooking/Reheating

The following procedure explains how to cook or reheat food.

⚠ CAUTION

- ALWAYS check your cooking settings before leaving the oven unattended.
- Never switch the microwave oven on when it is empty.

First, place the food in the centre of the turntable and close the door.



1. Press the **Microwave** button.
   The 800 W (maximum cooking power) indications are displayed:
   Select the appropriate power level by pressing the **Microwave** button again until the corresponding wattage is displayed. Refer to the power level table on the next page.
2. Set the cooking time by pressing the **10min**, **1min** and **10s** buttons.
3. Press the **START** button.
   The oven light comes on and the turntable starts rotating.
   Cooking starts and when it has finished the oven beeps four times.

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Power levels

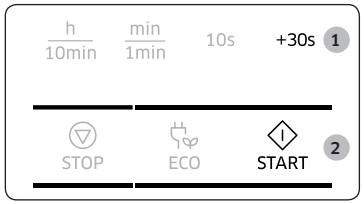
You can choose among the power levels below.

Power level	Output
HIGH	800 W
MEDIUM HIGH	600 W
MEDIUM	450 W
MEDIUM LOW	300 W
DEFROST	180 W
LOW	100 W

If you select a...	Then the cooking time must be...
Higher power level	Decreased
Lower power level	Increased

Adjusting the cooking time

You can increase the cooking time by pressing the **+30s** button once for each 30 seconds to be added.



1. Press the **+30s** button once for each 30 seconds to be added.
2. Press the **START** button.

Stopping the cooking

You can stop cooking at any time so that you can:

- Check the food
- Turn the food over or stir it
- Leave it to stand

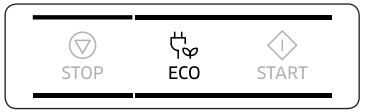
To stop the cooking...	Then...
Temporarily	• Open the door. Cooking stops. • To resume cooking, close the door again and press the **START** button.
Completely	• Press the **STOP** button once. Cooking stops. • If you wish to cancel the cooking settings, press the **STOP** button again.

NOTE

You can cancel any setting before starting cooking by simply pressing **STOP** button.

Setting the energy save mode

The oven has an energy save mode. This facility saves electricity when the oven is not in use. Normal condition is standby mode and show clock when not using.



- Press the **ECO** button. Display off.
- To remove energy save mode, open the door or press any button. The oven is ready for use.

NOTE

Auto energy saving function

If you do not select any function when appliance is in the middle of setting or operating with temporary stop condition, function is canceled and clock will be displayed after 25 minutes.
Oven Lamp will be turned off after 5 minutes with door open condition.

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Oven use

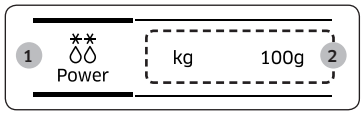
Using the Power Defrost feature

The Power Defrost features enables you to defrost meat, poultry or fish.
The defrost time and power level are set automatically. You simply select the programme and the weight.

⚠ CAUTION

Use only dishes that are microwave-safe.

First, place the frozen food in the centre of the turntable and close the door.



1. Press the **Power Defrost** button.
2. Select the food weight by pressing the **Kg** or **100g** button.
   It is possible to set up to a maximum of 1500 g.



3. Press the **START** button.
   1) Defrosting begins.
   2) The oven beeps halfway through defrosting to remind you to turn the food over.
   3) Press **START** button again to finish defrosting.

NOTE

You can also defrost food manually. To do so, select the microwave cooking/ reheating function with a power level of 180 W. Refer to the section entitled Cooking/Reheating on page 12 for further details.

The following table presents the Power Defrost programme, quantities, standing times and appropriate recommendations. Remove all kind of package material before defrosting. Place meat, poultry and fish on a flat ceramic plate.

Food	Serving size	Standing time	Instructions
Meat Poultry Fish	200-1500 g	15-60 min.	Shield the edges with aluminium foil. Turn the pieces over, when the oven beeps. This programme is suitable for meat such as steaks, chops or minced meat, chicken pieces, whole chicken or fish fillets.

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Using the Instant Reheat/Cook feature

With the Instant Reheat/Cook features, the cooking time is set automatically. You can adjust the number of servings by pressing the appropriate **Instant Reheat/Cook** button the required number of times.

⚠ CAUTION

Use only dishes that are microwave-safe.

First, place the food in the centre of the turntable and close the door.





1. Press the **Instant Reheat/Cook** button which you want the required number of times.
2. Press **START** button to start cooking. When it has finished:
   1) The oven beeps four times.
   2) The end reminder signal will beep 3 times. (once every minute)
   3) The current time is displayed again.

Example: Press the **Drinks** button once times to reheat one cups of coffee. Refer to the following table for further details.

The following table presents the various Instant Reheat/Cook Programmes, quantities, standing times and appropriate recommendations.

Food	Serving size	Standing time	Instructions
Ready Meals	300-350 g 400-450 g	3 min.	Put on a ceramic plate and cover it with microwave cling film. This programme is suitable for meals consisting of 3 components (e.g. meat with sauce, vegetables and side dish like potatoes, rice or pasta).
Frozen Ready Meals	300-350 g 400-450 g	4 min.	Take frozen ready meal and check if dish is suitable for microwave. Pierce film of ready meal. Put the frozen ready meal in the centre. This programme is suitable for frozen ready meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).
Drinks (Coffee, milk, tea, water with room temperature)	150 ml (1 cup) 250 ml (1 mug)	1-2 min.	Pour into a ceramic cup and reheat uncovered. Place cup (150 ml) or mug (250 ml) in the centre of turntable. Stir carefully before and after standing time.

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Oven use

Multistage cooking

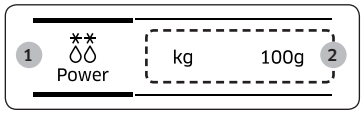
Your microwave oven can be programmed to cook food up to three stages.

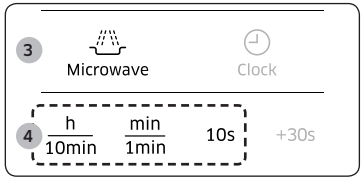
Example: You wish to defrost food and cook it without having to reset the oven after each stage. You can thus defrost and cook a 500 g fish in three stages:

- Defrosting
- Cook I
- Cook II

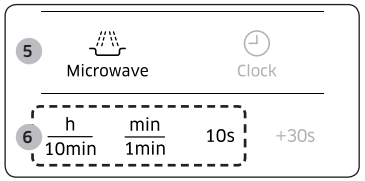
NOTE

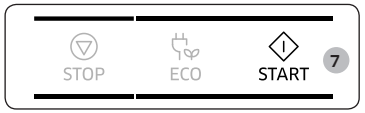
You can set between two and three stages in multistage cooking. If you set three stage, the first stage must be defrosting. Don't press **START** button until you've set the final stage.





1. Press the **Power Defrost** button once or more times.
2. Set the weight by pressing the **Kg** or **100g** buttons the appropriate number of times (500 g in the example).
3. Press the **Microwave** button.
   The microwave mode (I) :
   ; if necessary, set the power level by pressing the **Microwave** button again one or more times. (600 W in the example)
4. Set the cooking time by pressing the **10min**, **1min** and **10s** buttons the appropiate number of times (4 minutes in the example).





5. Press the **Microwave** button.
   The microwave mode (II) :
   ; if necessary, set the power level by pressing the **Microwave** button again one or more times. (450 W in the example)
6. Set the cooking time by pressing the **10min**, **1min** and **10s** buttons the appropriate number of times (5 minutes in the example).
7. Press the **START** button.
   1) The three modes [defrosting and cooking (I, II)] are selected on after. According to the defrosting mode that you have chosen, the oven may beep half way through defrosting to remind you to turn the food over.
   2) When cooking is over, the oven beeps four times.

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Switching the beeper off

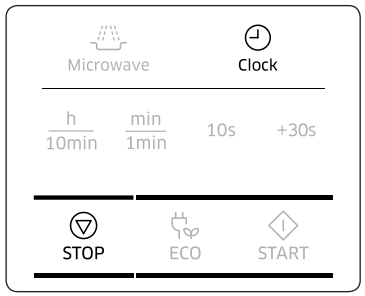
You can switch the beeper off whenever you want.



- Press the **STOP** and **START** buttons at the same time.
  - The display shows "**OFF**".
  - The oven will not beep each time you press any button.
- To switch the beeper back on, press the **STOP** and **START** buttons again at the same time.
  - The display shows "**On**".
  - The oven will not beep each time you press any button.

Safety-locking your microwave oven

Your microwave oven is fitted with a special Child Safety programme, which enables the oven to be locked so that children or anyone unfamiliar with it cannot operate it accidentally.
The oven can be locked at any time.



- Press the **STOP** and **Clock** buttons at the same time.
  - The oven is locked (no functions can be selected).
  - The display shows "**L**".
- To unlock the oven, press the **STOP** and **Clock** buttons again at the same time.
  - The oven can be used normally.

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Cookware guide

To cook food in the microwave oven, the microwaves must be able to penetrate the food, without being reflected or absorbed by the dish used.
Care must therefore be taken when choosing the cookware. If the cookware is marked microwave-safe, you do not need to worry.
The following table lists various types of cookware and indicates whether and how they should be used in a microwave oven.

Cookware	Microwave-safe	Comments
Aluminum foil	✓✗	Can be used in small quantities to protect areas against overcooking. Arcing can occur if the foil is too close to the oven wall or if too much foil is used.
Browning plate	✓	Do not preheat for more than 8 minutes.
China and earthenware	✓	Porcelain, pottery, glazed earthenware and bone china are usually suitable, unless decorated with a metal trim.
Disposable polyester cardboard dishes	✓	Some frozen foods are packaged in these dishes.
Fast-food packaging		
• Polystyrene cups containers	✓	Can be used to warm food. Overheating may cause the polystyrene to melt.
• Paper bags or newspaper	✗	May catch fire.
• Recycled paper or metal trims	✗	May cause arcing.
Glassware		
• Oven-to-tableware	✓	Can be used, unless decorated with a metal trim.
• Fine glassware	✓	Can be used to warm foods or liquids. Delicate glass may break or crack if heated suddenly.
• Glass jars	✓	Must remove the lid. Suitable for warming only.
Metal		
• Dishes	✗	May cause arcing or fire.
• Freezer bag twist ties	✗	
Paper		
• Plates, cups, napkins and kitchen paper	✓	For short cooking times and warming. Also to absorb excess moisture.
• Recycled paper	✗	May cause arcing.
Plastic		
• Containers	✓	Particularly if heat-resistant thermoplastic. Some other plastics may warp or discolour at high temperatures. Do not use Melamine plastic.
• Cling film	✓	Can be used to retain moisture. Should not touch the food. Take care when removing the film as hot steam will escape.
• Freezer bags	✓✗	Only if boilable or oven-proof. Should not be airtight. Prick with a fork, if necessary.
Wax or grease-proof paper	✓	Can be used to retain moisture and prevent spattering.

✓ : Recommended ✓✗ : Use caution ✗ : Unsafe

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Troubleshooting

Troubleshooting

If you have any of the problems listed below try the solutions given.

Problem	Cause	Action
General		
The buttons cannot be pressed properly.	Foreign matter may be caught between the buttons.	Remove the foreign matter and try again.
	For touch models: Moisture is on the exterior.	Wipe the moisture from the exterior.
	Child lock is activated.	Deactivate Child lock.
The time is not displayed.	The Eco (power-saving) function is set.	Turn off the Eco function.
The oven does not work.	Power is not supplied.	Make sure power is supplied.
	The door is open.	Close the door and try again.
	The door open safety mechanisms are covered in foreign matter.	Remove the foreign matter and try again.
The oven stops while in operation.	The user has opened the door to turn food over.	After turning over the food, press the **START** button again to start operation.
The power turns off during operation.	The oven has been cooking for an extended period of time.	After cooking for an extended period of time, let the oven cool.
	The cooling fan is not working.	Listen for the sound of the cooling fan.
	Trying to operate the oven without food inside.	Put food in the oven.
	There is not sufficient ventilation space for the oven.	There are intake/exhaust outlets on the front and rear of the oven for ventilation. Keep the gaps specified in the product installation guide.
	Several power plugs are being used in the same socket.	Designate only one socket to be used for the oven.
There is a popping sound during operation, and the oven doesn't work.	Cooking sealed food or using a container with a lid may causes popping sounds.	Do not use sealed containers as they may burst during cooking due to expansion of the contents.
The oven exterior is too hot during operation.	There is not sufficient ventilation space for the oven.	There are intake/exhaust outlets on the front and rear of the oven for ventilation. Keep the gaps specified in the product installation guide.
	Objects are on top of the oven.	Remove all objects on the top of the oven.

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Troubleshooting

Problem	Cause	Action
The door cannot be opened properly.	Food residue is stuck between the door and oven interior.	Clean the oven and then open the door.
Heating including the Warm function does not work properly.	The oven may not work, too much food is being cooked, or improper cookware is being used.	Put one cup of water in a microwave-safe container and run the microwave for 1-2 minutes to check whether the water is heated. Reduce the amount of food and start the function again. Use a cooking container with a flat bottom.
The thaw function does not work.	Too much food is being cooked.	Reduce the amount of food and start the function again.
The interior light is dim or does not turn on.	The door has been left open for a long time.	The interior light may automatically turn off when the Eco function operates. Close and reopen the door or press the **STOP** button.
	The interior light is covered by foreign matter.	Clean the inside of the oven and check again.
A beeping sound occurs during cooking.	If the Auto Cook function is being used, this beeping sound means it's time to turn over the food during thawing.	After turning over the food, press the **START** button again to restart operation.
The oven is not level.	The oven is installed on an uneven surface.	Make sure the oven is installed on flat, stable surface.

Problem	Cause	Action
There are sparks during cooking.	Metal containers are used during the oven/thawing functions.	Do not use metal containers.
When power is connected, the oven immediately starts to work.	The door is not properly closed.	Close the door and check again.
There is electricity coming from the oven.	The power or power socket is not properly grounded.	Make sure the power and power socket are properly grounded.
1. Water drips. **2.** Steam emits through a door crack. **3.** Water remains in the oven.	There may be water or steam in some cases depending on the food. This is not an oven malfunction.	Let the oven cool and then wipe with a dry dish towel.
	There is not sufficient ventilation space for the oven.	Keep the ventilation space specified in the product installation guide.
The brightness inside the oven varies.	Brightness changes depending on power output changes according to function.	Power output changes during cooking are not malfunctions. This is not an oven malfunction.
Cooking is finished, but the cooling fan is still running.	To ventilate the oven, the cooling fan continues to run for about 3 minutes after cooking is complete.	This is not an oven malfunction.

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Problem	Cause	Action
Turntable		
While turning, the turntable comes out of place or stops turning.	There is no roller ring, or the roller ring is not properly in place.	Install the roller ring and then try again.
The turn table drags while turning.	The roller ring is not properly in place, there is too much food, or the container is too large and touches the inside of the microwave.	Adjust the amount of food and do not use containers that are too large.
The turn table rattles while turning and is noisy.	Food residue is stuck to the bottom of the oven.	Remove any food residue stuck to the bottom of the oven.

Information code

Code	Description	Action
SE	Control buttons are pressed over 10 seconds.	Clean the keys and check if there is water on the surface around key. If it occurs again, turn off the microwave oven over 30 seconds and try setting again. If it appears again, call your local SAMSUNG Customer Care Centre.
E-12	Cooking sensor is needed to check.	Press the **STOP** button and operate again. If it occurs again, turn off the microwave oven over 30 seconds and try setting again.If it appears again, call your local SAMSUNG Customer Care Centre.

NOTE

For any codes not listed above, or if the suggested solution does not solve the problem, contact your local SAMSUNG Customer Care Centre.

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Technical specifications

SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

Model		ME83M-B3
Power source		240 V ~ 50 Hz
Power consumption	Microwave	1150 W
Output power		100 W / 800 W (IEC-705)
Operating frequency		2450 MHz
Magnetron		OM75S(31)
Cooling method		Cooling fan motor
Dimensions (W x H x D)	Outside	489 x 275 x 339 mm
	Oven cavity	330 x 211 x 324 mm
Volume		23 liter
Weight	Net	12.0 kg approx

Memo

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Memo

Memo

SAMSUNG

Please be advised that the Samsung warranty does NOT cover service calls to explain product operation, correct improper installation, or perform normal cleaning or maintenance.

QUESTIONS OR COMMENTS?

COUNTRY / LOCATION	CALL	OR VISIT US ONLINE AT
AUSTRALIA	1300 362 603	www.samsung.com/au/support
NEW ZEALAND	0800 726 786	www.samsung.com/nz/support
CHINA	400-810-5858	www.samsung.com/cn/support
HONG KONG	3698 4698	www.samsung.com/hk/support (Chinese) www.samsung.com/hk_en/support (English)
INDIA	1800 40 SAMSUNG (1800 40 7267864) (Toll-Free) 1800 5 SAMSUNG (1800 5 7267864) (Toll-Free)	www.samsung.com/in/support
BANGLADESH	09612300300 08000300300 (Toll free)	www.samsung.com/support
INDONESIA	021-5699-7777 0800-112-8888 (All Product, Toll Free)	www.samsung.com/id/support
JAPAN	0120-363-905	www.galaxymobile.jp/jp/support
MALAYSIA	1800-88-9999 +603-7713 7420 (Overseas contact)	www.samsung.com/my/support
PHILIPPINES	1-800-10-726-7864 [PLDT Toll Free] 1-800-8-726-7864 [Globe Landline and Mobile] 02-422-2111 [Standard Landline]	www.samsung.com/ph/support
SINGAPORE	1800 7267864 | 1800-SAMSUNG	www.samsung.com/sg/support
THAILAND	0-2689-3232 1800-29-3232 (Toll free)	www.samsung.com/th/support
TAIWAN	0800-32-9999	www.samsung.com/tw/support
VIETNAM	1800 588 889	www.samsung.com/vn/support
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MACAU	0800 333	www.samsung.com/hk/support (Chinese) www.samsung.com/hk_en/support (English)
SRI LANKA	011 SAMSUNG (011 7267864)	www.samsung.com/support
CAMBODIA	+855-23-993232 1800-20-3232 (Toll free)	www.samsung.com/th/support
LAOS	+856-214-17333	www.samsung.com/th/support
NEPAL	16600172667 (Toll Free for NTC Only) 9801572667 (Toll Free for Ncell users)	www.samsung.com/support

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