ME83X



Microwave Oven

Owner's Instructions & Cooking Guide

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.



This manual is made with 100 % recycled paper.



Thank you for purchasing this Samsung product.



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safety information

USING THIS INSTRUCTION BOOKLET

You have just purchased a SAMSUNG microwave oven. Your Owner's Instructions contain valuable information on cooking with your microwave oven:

- Safety precautions
- Suitable accessories and cookware
- Useful cooking tips
- Cooking tips

LEGEND FOR SYMBOLS AND ICONS



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Hazards or unsafe practices that may result in severe personal injury or death.

Hazards or unsafe practices that may result in minor personal injury or property damage. CAUTION



IMPORTANT SAFETY INSTRUCTIONS	★ WARNING: Only allow children to use
READ CAREFULLY AND KEEP FOR	the oven without supervision when
FUTURE REFERENCE.	adequate instructions have been given
Make sure that these safety precautions are	so that the child is able to use the oven
obeyed at all times.	in a safe way and understands the
Before using the oven, confirm that the	hazards of improper use.
following instructions are followed. A WARNING (Microwave function only)	 WARNING: This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities
► WARNING: If the door or door seals	or lack of experience and knowledge
are damaged, the oven must not be	if they have been given supervision
operated until it has been repaired by a	or instruction concerning use of the
competent person.	appliance in a safe way and understand
■ WARNING: It is hazardous for anyone	the hazards involved. Children shall not
other than a competent person to carry	play with the appliance. Cleaning and
out any service or repair operation that	user maintenance shall not be made by
involves the removal of a cover which	children unless they are aged from 8
gives protection against exposure to	years and above and supervised.
microwave energy.This appliance is intended to be used in	Only use utensils that are suitable for use in microwave ovens.
household only.	When heating food in plasitic or paper containers, keep an eye on the oven due to the possibility of ignitions.

The microwave oven is int heating food and beverage food or clothing and heatin pads, slippers, sponges, of similar may lead to risk of or fire.	es. Drying of ng of warming damp cloth and		Failure to maintain the oven in a clean conditioin could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.
 If smoke is emitted, switch the appliance and keep th 	e door closed		The appliance is not intended for installing in road vehicles, caravans and similar vehicles etc.
 in order to stifle any flames WARNING: Microwave he beverages can result in de boiling, therefore care mus when handling the contain 	eating of elayed eruptive st be taken		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
	IG: The contents of feeding nd baby food jars shall be shaken and the temperature	•	or instruction concerning use of the appliance by a person responsible for their safety.
checked before consumption avoid burns.			Children should be supervised to ensure that they do not play with the appliance.
Eggs in their shell and whe eggs should not be heated ovens since they may exp after microwave heating h	d in microwave lode, even		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.
The oven should be clean and any food deposites re			WARNING: Liquids and other foods must not be heated in sealed containers since they are liable to explode;

					_
	The appliance should not be cleaned with a water jet.		*	During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.	
*	This oven should be positioned proper direction and height permitting easy access to cavity and control area.			WARNING: Accessible parts may become hot during use. Young children	01 \$
*	Before using the your oven first time, oven should be operated with the water during 10 minute and then used.				SAFETY INFORMATION
*	If the oven generates a strange noise, a burning smell, or smoke is emitted,			WARNING: Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.	FORMATIC
	unplug the power plug immediately and contact your nearest service center.		*	WARNING: The appliance and its accessible parts become hot during use.	ž
*	The microwave oven has to be positioned so that plug is accessible.			Care should be taken to avoid touching heating elements.	
	The microwave oven is intended to be used on the counter or counter top use only, the microwave oven shall not be			Children less than 8 years of age shall be kept away unless continuously supervised.	
	placed in a cabinet.		Ø	The temperature of accessible surfaces may be high when the appliance is operating.	
	(Oven function only) - Optional WARNING: When the appliance is			The door or the outer surface may get hot when the appliance is operating.	
	operated in the combination mode, children should only use the oven under adult supervision due to the temperatures generated.			Keep the appliance and its cord out of reach of children less than 8 years.	

*	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.					
	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.					
	Appliances are not intended to be operated by means of an external timer or separate remote-control system.					
This product is a Group 2 Class B ISM equipment. The definition of group 2 which contains all ISM equipment in which radio- frequency energy is intentionally generated						

and/or used in the form of electromagnetic radiation for the treatment of material, and

EDM and arc welding equipment. For Class B equipment is equipment suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

INSTALLING YOUR MICROWAVE OVEN

Place the oven on a flat level surface 85 cm above the floor. The surface should be strong enough to safety bear the weight of the oven.

1.When you install your oven, make sure there is adequate ventilation for your oven by



leaving at least 10 cm (4 inches) the side of space behind and, on the sides of the oven and 20 cm (8 inches) of space above.

- 2. Remove all packing materials inside the oven.
- **3.**Install the roller ring and turntable. Check that the turntable rotates freely. (Turntable type model only)
- **4.**This microwave oven has to be positioned so that plug is accessible.

- 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.
 For your personal safety, plug the cable into a proper AC earthed socket.
- Do not install the microwave oven in hot or damp surroundings like next to a traditional oven or radiator. The power supply specifications of the oven must be respected and any extension cable used must be of the same standard as the power cable supplied with the oven. Wipe the interior and the door seal with a damp cloth before using your microwave oven for the first time.

CLEANING YOUR MICROWAVE OVEN

The following parts of your microwave oven should be cleaned regularly to prevent grease and food particles from building up:

- Inside and outside surfaces
- Door and door seals
- Turntable and Roller rings (Turntable type model only)
- ALWAYS ensure that the door seals are clean and the door closes properly.

- 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.
- **1.**Clean the outside surfaces with a soft cloth and warm, soapy water. Rinse and dry.
- **2.**Remove any splashes or stains on the inside surfaces of oven with a soapy cloth. Rinse and dry.
- **3.**To loosen hardened food particles and remove smells, place a cup of diluted lemon juice in the oven and heat for ten minutes at maximum power.
- **4.**Wash the dishwasher-safe plate whenever necessary.
- DO NOT spill water in the vents. NEVER use any abrasive products or chemical solvents. Take particular care when cleaning the door seals to ensure that no particles:
 - Accumulate
 - Prevent the door from closing correctly

Clean the microwave oven cavity right after each use with a mild detergent solution, but let the microwave oven cool down before cleaning in order to avoid injury.

When cleaning the upper part inside the cavity, it will be convenient to turn heater downward by 45 ° and clean it. (Swing heater model only)



STORING AND REPAIRING YOUR MICROWAVE OVEN

A few simple precautions should be taken when storing or having your microwave oven serviced.

The oven must not be used if the door or door seals are damaged:

- Broken hinge
- Deteriorated seals
- Distorted or bent oven casing

Only a qualified microwave service technician should perform repair.

NEVER remove the outer casing from the oven. If the oven is faulty and needs servicing or you are in doubt about its condition:

- Unplug it from the wall socket
- Contact the nearest after-sales service centre
- If you wish to store your oven away temporarily, choose a dry, dustfree place.
 Reason : Dust and damp may adversely affect the working parts in the oven.
- This microwave oven is not intended for commercial use.
- The Light bulb should not be replaced in person for safety reasons. Please contact nearest authorised Samsung customer care, to arrange for a qualified engineer to replace the bulb.

	WARNING	۵	Â		k
\bigotimes	Only qualified staff should be allowed to modify or repair the appliance.	✓	~	~	✓
	Do not heat liquids and other food in sealed containers for microwave function.	~	~	~	~
	For your safety, do not use high-pressure water cleaners or steam jet cleaners.	~	~	~	~
	Do not install this appliance; near heater, inflammable material; in a humid, oily or dusty location, in a location exposed to direct sunlight and water or where gas may leak; on un level ground.	~	~	~	~
Ē	This appliance must be properly grounded in accordance with local and national codes.	\checkmark	~	~	~

*	Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.	~	~	~				Do not use a damaged power plug, damaged power cord or loose wall socket. When the power plug
\sum	Do not pull or excessively bend or place heavy objecton the power cord.	~		~	Í	,		or power cord is damaged, contact your nearest service centre.
*	In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power plug.	~	~	~	Í			Do not place objects on the oven, inside or on the door of the oven.
Ø	Do not touch the power plug with wet hands.	~	 Image: A start of the start of	~	Í			Do not spray volatile material such as insecticide v
\sum	Do not turn the appliance off by unplugging the power plug while an operation is in progress.	~	~	~	Í			Do not store flammable materials in the oven. Take special care when heating dishes or drinks that
→	Do not insert fingers or foreign substances, If any foreign substance such as water has entered the	\checkmark	\checkmark	\checkmark				contain alcohol as alcohol vapours may contact a hot part of the oven.
	appliance, unplug the power plug and contact your nearest service centre.						*	Keep children away from the door when opening or closing it as they may bump themselves on the door
\sum	Do not apply excessive pressure or impact to the appliance.	~	\checkmark	~				or catch their fingers in the door. WARNING: Microwave heating of beverages can Image: I
\sum	Do not place the oven over a fragile object such as a sink or glass object.	~	~					result in delayed eruptive boiling, therefore care must be taken when handling the container; To prevent this situation ALWAYS allow a standing time of at
\sum	Do not use benzene, thinner, alcohol, steam cleaner or high pressure cleaner to clean the appliance.	~	~	~	Í			least 20 seconds after the oven has been switched off so that the temperature can equalize. Stir during
	Ensure that the power voltage, frequency and current are the same as those of the product specifications.	~	~		~			heating, if necessary, and ALWAYS stir after heating. In the event of scalding, follow these FIRST AID instructions:
	Plug the power plug into the wall socket firmly. Do not use a multiple plug adapter, an extension cord or an electric transformer.	~	~	~	·			 Immerse the scalded area in cold water for at least 10 minutes. Cover with a clean, dry dressing.
2	Do not hook the power cord on a metal object, insert the power cord between the objects or behind the oven.	~	~	~	·			Do not apply any creams, oils or lotions. Do not put the tray or rack in water shortly after cooking because it may cause breakage or damage of the tray or rack.

	Do not operate the microwave oven for deep fat frying because the oil temperature cannot be controlled. This could result in a sudden boil over of	~		~	Stand at arms length from the oven when opening the door to avoid getting scalded by escaping hot air or steam.	
▲ ★	CAUTION Only use utensils that are suitable for use in microwave ovens; DO NOT use any metallic		▲ ✓	<u>∢</u>	Do not operate the microwave oven when it is empty. The microwave 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 microwave oven is started accidentally.	~
	containers, Dinnerware with gold or silver trimmings, Skewers, forks, etc. Remove wire twist ties from paper or plastic bags.				Install the oven in compliance with the clearances stated in this manual. (See installing your microwave oven.)	
	Reason: Electric arcing or sparking may occur and may damage the oven.				Take care when connecting other electrical appliances to sockets near the oven.	
	Do not use your microwave oven to dry papers or clothes.	~	✓	✓	PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESS MICROWAVE ENERGY. (MICROWAVE FUNCTION ONLY)	SIVE
*	Use shorter times for smaller amounts of food to prevent overheating and burning food.	~	✓	✓	Failure to observe the following safety precautions may result in harmful exposu microwave energy.	ure to
	Do not immerse the power cable or power plug in water and keep the power cable away from heat.	~			 (a) Under no circumstances should any attempt be made to operate the ov with the door open or to tamper with the safety interlocks (door latches) 	
	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; Also do not heat airtight or vacuum-sealed bottles, jars, containers, nuts inshells, tomatoes etc.		 ✓ 	~	 insert anything into the safety interlock holes. (b) Do NOT place any object between the oven door and front face or allow food or cleaner residues to accumulate on sealing surfaces. Ensure that door and door sealing surfaces are kept clean by wiping after use first v damp cloth and then with a soft dry cloth. (c) Do NOT operate the oven if it is damaged until it has been repaired by a 	t the vith a
	Do not cover the ventilation slots with cloth or paper. They may catch fire as hot air escapes from the oven. The oven may also overheat and switch itself off automatically, and will remain off until it cools sufficiently.	~	 ✓ 		 gualified microwave service technician trained by the manufacturer. It is particularly important that the oven door closes properly and that there damage to the: (1) door (bent) (2) door hinges (broken or loose) 	
Ø	Always use oven mitts when removing a dish from the oven to avoid unintentional burns.		✓		(3) door seals and sealing surfaces(d) The oven should not be adjusted or repaired by anyone other than a pro-	operly
*	Stir liquids halfway during heating or after heating ends and allow the liquid stand at least 20 seconds after heating to prevent eruptive boiling.		~		qualified microwave service technician trained by the manufacturer.	

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

- (a) A Dented, Scratched, or Broken Door, Handle, Out-Panel, or Control Panel.
- (b) A Broken or missing Tray, Guide Roller, Coupler, or Wire Rack.
- Use this appliance 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 appliance.
- 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 your nearest service centre or find help and information online at www.samsung.com.
- This microwave oven is supposed for heating food. It is intended for domestic home-use only. Do not heat any type of textiles or cushions filled with grains, which could cause burns and fire. The manufacturer cannot be held liable for damage caused by improper or incorrect use of the appliance.
- 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 possible result in a hazardous situation.

CORRECT DISPOSAL OF THIS PRODUCT (WASTE ELECTRICAL & ELECTRONIC EQUIPMENT)

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

oven features

OVEN



CONTROL PANEL



- 1. AUTO POWER DEFROST BUTTON
 - ON **7.** CLOCK SETTING
- 2. AUTO REHEAT/COOK SELECTION
- **3.** MICROWAVE MODE BUTTON
- 4. TIME SETTING BUTTON
- 5. STOP BUTTON

- 6. WEIGHT SELECTION
- 8. +30 s BUTTON
 - **5.** +30 S DUTTON
 - 9. START BUTTON
 - 10. ENERGY SAVE BUTTON

ACCESSORIES

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

\bigcirc	1.	Roller ring , to be placed in the centre of the oven. <u>Purpose</u> : The roller ring supports the turntable.
	2.	Turntable, to be placed on the roller ring with the centrefitting to the coupler.Purpose:The turntable serves as the main cooking surface; it can be easily removed for cleaning.

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

oven use

SETTING THE TIME

Your microwave oven has an inbuilt clock. When power is supplied, "12:00" is automatically displayed on the display.

Please set the current time. The time can be displayed in either the 12-hour or 24-hour notation. You must set the clock:

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

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

4	 To display the time in the 24-hour notation. 12-hour notation. Press the Clock button once or twice.
$\frac{h}{10 \text{ min}} = \frac{\text{min}}{1 \text{ min}}$	2. Set the hour with the h button and the minutes with the min button.
4	 When the right time is displayed, press the Clock button again to start the clock. <u>Result:</u> The time is displayed whenever you are not using the microwave oven.

COOKING/REHEATING

The following procedure explains how to cook or reheat food. ALWAYS check your cooking settings before leaving the oven unattended.

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

-	<u>//_</u>		1.	Press the Microwave button. Result: 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.
h 10 min	min 1 min	10 s	2.	Set the cooking time by pressing the 10 min , 1 min and 10 s button.
_	Start	•	3.	Press the Start button. Result: The oven light comes on and the turntable starts rotating. Cooking starts and when it has finished the oven beeps four times.

Never switch the microwave oven on when it is empty.

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 higher power level, the cooking time must be decreased.

If you select lower power level, the cooking time must be increased.

STOPPING THE COOKING

You can stop cooking at any time to check the food.

	1.	To stop temporarily; Open the door. <u>Result:</u> Cooking stops. To resume cooking, close the door and press Start again.
Stop	2.	To stop completely; Press the Stop button. Result: The cooking stops. If you wish to cancel the cooking settings, press the Stop button again.

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

ADJUSTING THE COOKING TIME

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

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

SETTING THE ENERGY SAVE MODE

The oven has an Energy save mode. This facility saves electricity when the oven is not in use.

	 Press the Energy Save button.
:D&	• To remove Energy save mode, open the door or press any button. The oven is ready for use.

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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USING THE INSTANT REHEAT/COOK FEATURES

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

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

S S Z	required nui Result:	 Instant Reheat/Cook button which you want the mber of times. 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 ${\rm Drinks}$ button once times to reheat one cups of coffee. Refer to the table on the next page.

Use only recipients that are microwave-safe.

The following table presents the various Instant Reheat Programmes, quantities and appropriate instructions.

Code/Food	Serving Size	Instructions	
1 Chilled Ready Meals	300-350 g 400-450 g	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). Stand for 3 minutes.	
2 Frozen Ready Meals	300-350 g 400-450 g	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). Stand for 4 minutes.	
3 Drinks (Coffee, Milk, Tea, Water with Room Temperature)	150 ml (1 cup) 250 ml (1 mug)	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. Stand for 1-2 minutes.	

03 OVEN USE

USING THE AUTO POWER DEFROST FEATURES

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

Use only dishes that are microwave-safe.

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

** OO Power	1.	Press the Power Defrost button. <u>Result:</u> The following indication is displayed:	
Kg 100g	2.	Select the food weight by pressing the Kg or 100 g button. It is possible to set up to a maximum of 1500 g.	
Start	3.	Press the Start button. Result: • Defrosting begins. • The oven beeps halfway through defrosting to remind you to turn the food over. • Press Start button again to finish defrosting.	

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 13 for further details.

The following table presents the Power Defrost programme, quantities and appropriate instructions.

Remove all kind of package material before defrosting. Place meat, poultry and fish on a flat ceramic plate.

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

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

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.

** OO Power	1.	Press the Power Defrost button once or more times.	
Kg 100g	2.	Set the weight by pressing the Kg or 100 g buttons the appropriate number of times (500 g in the example).	
~//\}	3.	Press the Microwave button. The microwave mode (I) : <u></u>	
h <u>min</u> 10 s	4.	Set the cooking time by pressing the 10 min , 1 min and 10 s buttons the appropriate number of times (4 minutes in the example).	

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_///	-	5.	Press the Microwave button. The microwave mode (II) : 	
h min 10 min 1 min	10 s	6.	Set the cooking time by pressing the 10 min , 1 min and 10 s buttons the appropriate number of times (5 minutes in the example).	
Start	_	7.	 Press the Start button. Result: 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. When cooking is over, the oven beeps four times. 	

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	√ X	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	1	Do not preheat for more than eight minutes.	
China and earthenware	V	Porcelain, pottery, glazed earthenware and bone china are usually suitable, unless decorated with a metal trim.	
Disposable polyester cardboard dishes	V	Some frozen foods are packaged in these dishes.	
Fast-food packaging			
Polystyrene cups containers	\checkmark	Can be used to warm food. Overheating may cause the polystyrene to melt.	
 Paper bags or newspaper 	X	May catch fire.	
Recycled paper or metal trims	X	May cause arcing.	

(continued)

	Cookware	Microwave- safe	Comments	If you have any of the prol This is normal.
GI	assware			Condensation inside t
•	Oven-to-table ware	1	Can be used, unless decorated with a metal trim.	Air flow around the doLight reflection around
•	Fine glassware	1	Can be used to warm foods or liquids. Delicate glass may break or crack if heated suddenly.	 Steam escaping from The oven does not start Is the door completely
•	Glass jars	1	Must remove the lid. Suitable for warming only.	 The food is not cooked Have you set the time
M	etal			• Is the door closed?
•	Dishes Freezer bag twist	×	May cause arcing or fire.	Have you overloaded triggered?
•	ties	^		The food is either overc
Pa	iper			Was the appropriate of the second secon
•	Plates, cups, napkins and kitchen paper	1	For short cooking times and warming. Also to absorb excess moisture.	Was an appropriate p Sparking and cracking a Have you used a dish
•	Recycled paper	×	May cause arcing.	 Have you used a disin Have you left a fork or
Pl	astic	-		Is aluminum foil too cl
•	Containers	1	Particularly if heat-resistant thermoplastic. Some other plastics may warp or discolour at high temperatures. Do not use melamine plastic.	 The oven causes interfer Slight interference mains operating. This is not televisions, radios and
•	Cling film	1	Can be used to retain moisture. Should not touch the food. Take care when removing the film as hot steam will escape.	If interference is detect solve this problem, dis The light bulb is not wor
•	Freezer bags	√ X	Only if boilable or oven-proof. Should not be airtight. Prick with a fork, if necessary.	 The light bulb should nearest authorised Sa replace the bulb.
	ax or grease- oof paper	1	Can be used to retain moisture and prevent spattering.	

: Recommended 1

troubleshooting

plems listed below try the solutions given.

- he oven.
- or and outer casing.
- I the door and outer casing.
- around the door or vents.

when you press the Start button.

closed?

at all.

- correctly and/or pressed the **Start** button?
- the electric circuit and caused a fuse to blow or a breaker to be

ooked or undercooked.

- cooking length set for the type of food?
- ower level chosen?

occur inside the oven (arcing).

- with metal trimmings?
- other metal utensil inside the oven?
- ose to the inside walls?

rence with radios or televisions.

- be observed on televisions or radios when the oven ormal. To solve this problem, install the oven away from aerials.
- ted by the oven's microprocessor, the display may be reset. To sconnect the power plug and reconnect it. Reset the time.

king.

not be replaced in person for safety reasons.Please contact msung customer care, to arrange for a qualified engineer to

05 TROUBLESHOOTING & TECHNICAL SPEC

Smoke and bad smell when initial operating.

- It's a temporary condition by new component heating. Smoke and smell will disappear completely after 10 minutes operation.
 To remove smell more quickly, please operate microwave oven with putting lemon formation or lemon juice in the cabinet.
- If the above guidelines do not enable you to solve the problem, then contact your local SAMSUNG customer service centre. Please have the following information read;
 - The model and serial numbers, normally printed on the rear of the oven
 - Your warranty details
 - A clear description of the problem

Then contact your local dealer or SAMSUNG aftersales service.

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	ME83X
Power source	230 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 Oven cavity	489 x 275 x 338 mm 330 x 211 x 324 mm
Volume	23 liter
Weight Net	12.0 kg approx



QUESTIONS OR COMMENTS

COUNTRY	CALL	OR VISIT US ONLINE AT	
AUSTRIA	0800 - SAMSUNG (0800 - 7267864)	www.samsung.com/at/support	
BELGIUM	02-201-24-18	www.samsung.com/be/support (Dutch) www.samsung.com/be_fr/support (French)	
DENMARK	70 70 19 70	www.samsung.com/dk/support	
FINLAND	030-6227 515	www.samsung.com/fi/support	
FRANCE	01 48 63 00 00	www.samsung.com/fr/support	
GERMANY	0180 6 SAMSUNG bzw. 0180 6 7267864* (*0,20 €/Anruf aus dem dt. Festnetz, aus dem Mobilfunk max. 0,60 €/Anruf)	www.samsung.com/de/support	
ITALIA	800-SAMSUNG (800.7267864)	www.samsung.com/it/support	
CYPRUS	8009 4000 only from landline, toll free		
GREECE	80111-SAMSUNG (80111 726 7864) only from land line (+30) 210 6897691 from mobile and land line	www.samsung.com/gr/support	
LUXEMBURG	261 03 710	www.samsung.com/support	
NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com/nl/support	
NORWAY	815 56480	www.samsung.com/no/support	
PORTUGAL	808 20 7267	www.samsung.com/pt/support	
SPAIN	0034902172678	www.samsung.com/es/support	
SWEDEN	0771 726 7864 (SAMSUNG)	www.samsung.com/se/support	
SWITZERLAND	0848 726 78 64 (0848-SAMSUNG)	www.samsung.com/ch/support (German) www.samsung.com/ch_fr/support (French)	
U.K	0330 SAMSUNG (7267864)	www.samsung.com/uk/support	
EIRE	0818 717100	www.samsung.com/ie/support	

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