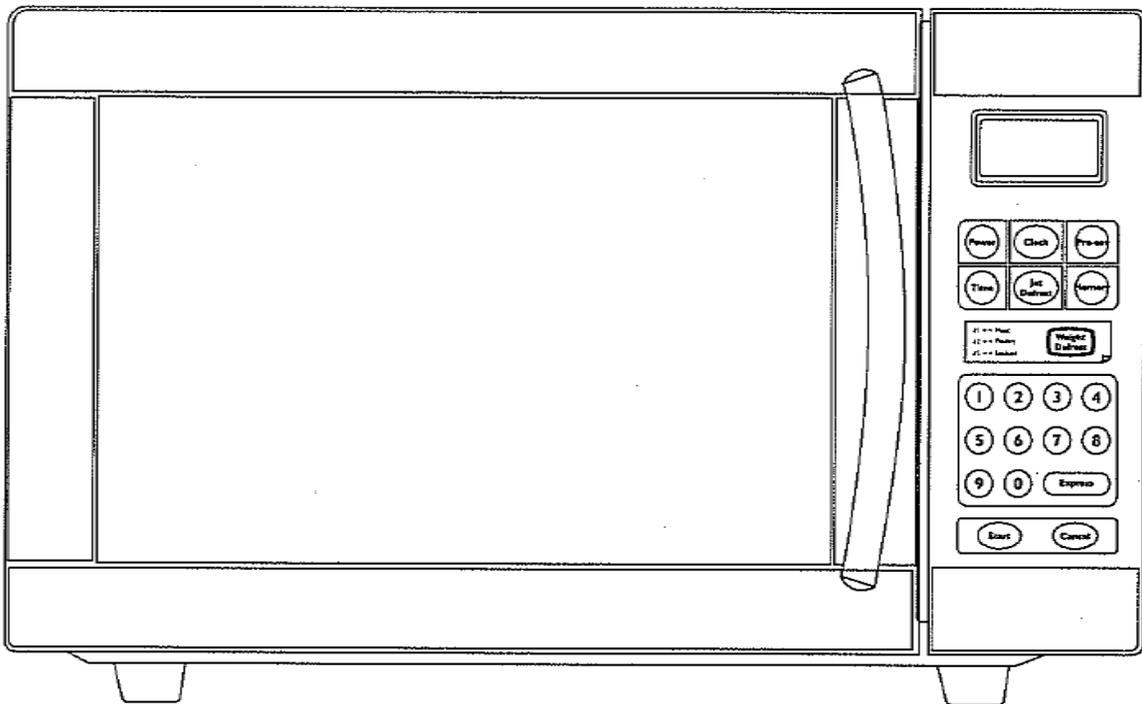




## Microwave Oven

This owner's guide book is for the following 900 watts microwave oven model:

### EM-S667S



Please read these instructions carefully before installing and operating the oven  
Record in the space below the SERIAL NO. found on the nameplate on your oven and retain  
this information for future reference.

SERIAL NO.

## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

1. 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.
2. Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
3. Do not operate the oven if it is damaged. It is important that the oven door close properly and that there is no damage to the
  - a. Door (bent),
  - b. Hinges and latches (broken or loosened),
  - c. Door seals and sealing surfaces.
4. The oven should not be adjusted or repaired by anyone except SANYO service personnel.

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## SPECIFICATIONS

<b>Power Consumption:</b>	<b>230V~240V, 50Hz, 1500W(Microwave)</b>
<b>Rated microwave power output:</b>	<b>900W</b>
<b>Operation Frequency:</b>	<b>2450MHz</b>
<b>Outside Dimensions:</b>	<b>305mm(H)x525mm(W)x478mm(D)</b>
<b>Oven Cavity Dimensions:</b>	<b>219mm(H)x350mm(W)x384(D)</b>
<b>Oven Capacity:</b>	<b>30Litres</b>
<b>Cooking Uniformity:</b>	<b>Turntable System {314mm}</b>
<b>Net Weight:</b>	<b>Approx. 17.9kg</b>

## BEFORE YOU CALL FOR SERVICE

If the oven fails to operate:

1. Check to ensure that the oven is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds, and plug it in again securely.
2. Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.
3. Check to ensure that the control panel is programmed correctly and the timer is set.
4. Check to ensure that the door is securely closed engaging the door safety lock system. Otherwise, the microwave energy will not flow into the oven.

IF NONE OF THE ABOVE RECTIFY THE SITUATION, THEN CONTACT A QUALIFIED TECHNICIAN.  
DO NOT TRY TO ADJUST OR REPAIR THE OVEN YOURSELF.

## INSTALLATION

1. Make sure that all the packing materials are removed from the inside of the door.
2. **WARNING:** Check the oven for any damage, such as misaligned or bent door, damaged door seals and sealing surface, broken or loose door hinges and latches and dents inside the cavity or on the door. If there is any damage, do not operate the oven and contact a SANYO service personnel.
3. This microwave oven must be placed on a flat, stable surface to hold its weight and the heaviest food likely to be cooked in the oven.
4. Do not place the oven where heat, moisture, or high humidity are generated, or near combustible materials.
5. For correct operation, the oven must have sufficient airflow. Allow 20cm of space above the oven, 10cm at back and 5cm at both sides. Do not cover or block any openings on the appliance. Do not remove the feet.
6. Do not operate the oven without the glass tray, roller support, and shaft in their proper positions.
7. Make sure that the power supply cord is undamaged and does not run under the oven or over any hot or sharp surface.

8. The socket must be readily accessible so that it can be easily unplugged in an emergency.
9. Do not use the oven outdoors,

## GROUNDING INSTRUCTIONS

This appliance must be grounded. This oven is equipped with a cord having a grounding wire with a grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded. In the event of an electrical short circuit, grounding reduces risk of electric shock by providing an escape wire for the electric current. It is recommended that a separate circuit serving only the oven be provided. Using a higher voltage is dangerous and may result in a fire or other accident causing oven damage.

**WARNING** Improper use of the grounding plug can result in a risk of electric shock.

### Note

1. If you have any questions about the grounding or electrical instruction, consult a qualified electrician or service person.
2. Neither the manufacture nor the dealer can accept any liability for damage to the oven or personal injury resulting from failure to observe the electrical connection procedures.

The wires in this cable main are coloured in accordance with the following code:

**Green and Yellow = EARTH**

**Blue = NEUTRAL**

**Brown = LIVE**

## RADIO INTERFERENCE

Operation of the microwave oven can cause interference to your radio, TV, or similar equipment. When there is interference, it may be reduced or eliminated by taking the following measure:

1. Clean door and sealing surface of the oven
2. Reorient the receiving antenna of the radio or television.
3. Relocate the microwave oven with respect to the receiver.
4. Move the microwave oven away from the receiver.
5. Plug the microwave oven into a different outlet so that the microwave oven and receiver are on different electrical circuits.

## 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. Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapours 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.
3. Do not operate the oven when empty.
  4. Do not operate this appliance if it has damaged cord or plug, if it is not working properly or if it has been damaged or dropped. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or similarly qualified person in order to avoid hazard.
  5. **WARNING:** only allow children or an infirm persons to use the oven under supervision and 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.
  6. To reduce the risk of fire in the oven cavity:
    - a. When heating food in plastic or paper containers, check the oven frequently to the possibility of ignition.
    - b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.
    - c. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
    - d. Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils or food in the cavity when not in use.
  7. **WARNING:** liquid or other food must not be heated in sealed containers since they are liable to explode.
  8. Microwave heating of beverages can result in delayed eruptive boiling, therefore care has to be taken when handling the container.
  9. Do not fry food in the oven. Hot oil can damage oven parts and utensils and even result in skin burns.
  10. 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.
  11. Pierce foods with heavy skins such as potatoes, whole squashes, apples and chestnuts before cooking.
  12. The contents of feeding bottles and baby jars should be stirred or shaken and the temperature should be checked before serving in order to avoid burns.
  13. Cooking utensils may become hot because of heat transferred from the heated food. Potholders may be needed to handle the utensil.
  14. Utensils should be checked to ensure that they are suitable for use in a microwave oven.
  15. **WARNING:** It is hazardous for anyone other than a trained person to carry out any service or repair operation which involve the removal of any cover which gives protection against exposure to microwave energy

## MICROWAVE COOKING PRINCIPLES

1. Arrange food carefully. Place thickest areas towards the outside of the dish
2. Watch cooking time. Cook for the shortest amount of time indicated and add more as needed. Food severely overcooked can smoke or ignite.
3. Cover foods while cooking. Covers prevent spattering and help foods to cook evenly.
4. Turn foods over once during microwaving to speed cooking of such foods as chicken and hamburgers. Large items like roasts must be turned over at least once.

- Rearrange foods such as meatballs halfway through cooking both from top to bottom and from the centre of the dish to the outside.

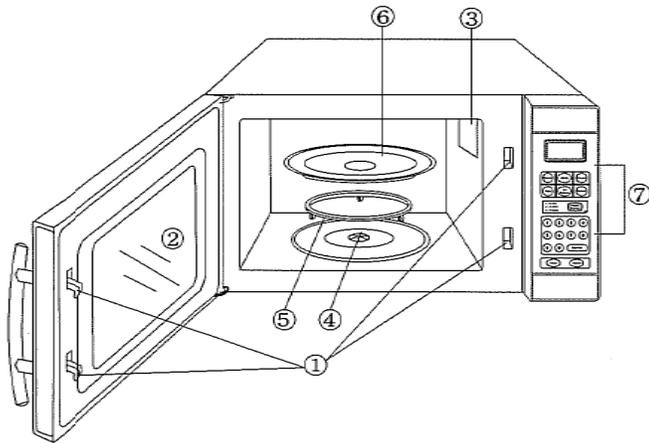
## UTENSILS GUIDE

- The ideal material for a microwave utensil is transparent to microwaves, it allows energy to pass through the container and heat the food.
- Microwave cannot penetrate metal, so metal utensils or dishes with metallic trim should not be used.
- Do not use recycled paper products when microwave cooking, as they may contain small metal fragments which may cause sparks and/or fires.
- Round/oval dishes rather than square/oblong ones are recommend, as food in corners tends to overcook.

The list below is a general guide to help you select the correct utensils.

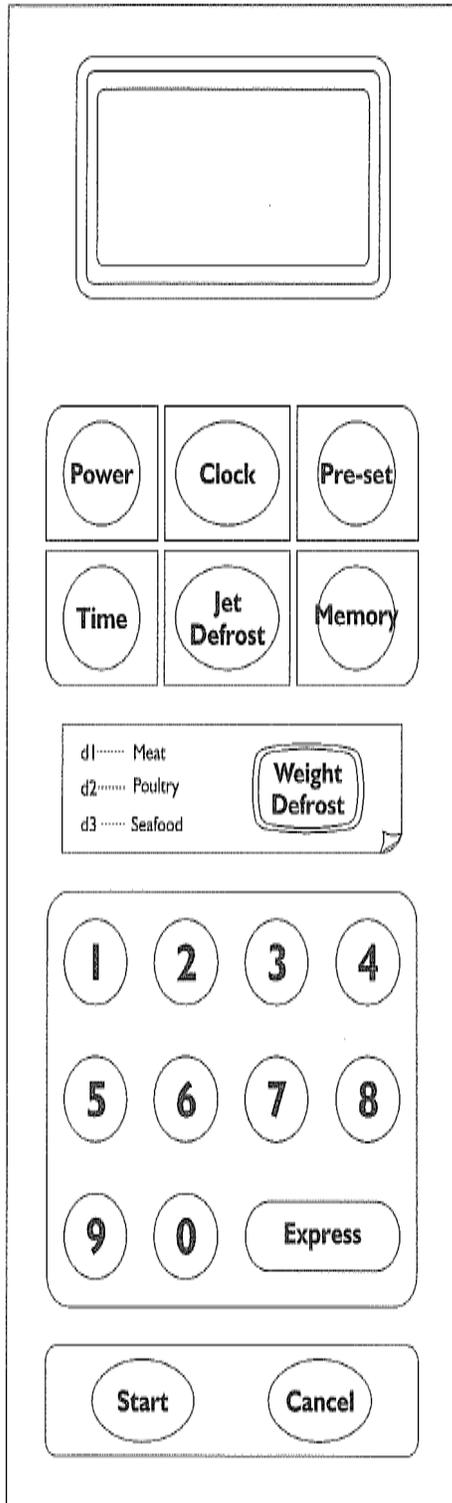
COOKWARE	MICROWAVE
Heat-resistant Glass	Yes
Non Heat-resistant Glass	No
Heat-Resistant ceramics	Yes
Microwave-safe Plastic Dish	Yes
Kitchen paper	Yes
Metal tray	No
Metal rack	No
Aluminium foil & Foil Containers	No

## PART NAMES



- 1 Door Safety Lock System
- 2 Oven Window
- 3 Oven Air Vent
- 4 Shaft
- 5 Roller Ring
- 6 Glass Tray
- 7 Control Panel

## CONTROL PANEL



### DISPLAY

Cooking time, power, action indicators, and clock time are displayed

### NUMBER PADS

Touch to enter clock time, set power level, and indicate food weight.

### POWER

Press this button once and then use the number button to set a cooking power level other than full power.

### TIME

Press the TIME button once and then use the number buttons to set cooking time up to 99min. 99sec

### WEIGHT DEFROST

Automatically sets proper defrosting cycle once you have entered the weight of the food to be thawed.

### JET DEFROST

Customize defrosting time for food outside the categories or exceeding the maximum allowable weight by weight defrost.

### EXPRESS

To start the oven quickly at full power, you can press this button a number of times to indicate cooking time.

### PRE-SET

Delay start control allows you to put food into the oven and program it to start cooking at a later time.

### MEMORY

Use this button to set a multistage cooking program.

### CLOCK

Use to set the time of day or recall the time of day. The time of day will be displayed at all times except when the oven is operating. In the event of a power failure or if the oven is unplugged, the clock will have to be reset.

### CANCEL

Touch to clear current setting or reset the system.

### START

Touch to start a cooking or defrosting program.

# HOW TO SET THE OVEN CONTROLS

Each time a button is touched, a beep will sound to acknowledge the touch.

## **SETTING THE CLOCK**

To enter the oven clock time,

1. Touch CLOCK button.
2. Touch CANCEL button.
3. Use the number pads to enter time. You must touch at least 3 numbers to set the clock (one for hour, and two for minutes).
4. Touch CLOCK button again to confirm

### **NOTE:**

This is a 12-hour clock. Default setting is 1:01 when the oven is plugged in.

You can check the clock the clock time when cooking is in progress by touching the CLOCK button.

## **SETTING COOKING TIME AND POWER**

1. Touch TIME pad.
2. Use the number pads to set a cooking time.

You can set a cooking time from one second to 99 minutes and 99 seconds. If you are setting time greater than one minute, you must enter numbers for both minutes and seconds. For example, to set 20 minutes, enter 2,0,0,0.

3. If you want to set a power level other than 100% power, touch POWER,
4. Use the number pads to enter the power level. You can set the power level from 1 to 9. (Please check the following table).
5. Touch START to start cooking.

You can skip steps 3-4 if you are to cook with full power.

## **SINGLE DIGITS TO REPRESENT POWER LEVEL**

Press Number Pad	Power Level
9	90% of total
8	80%
7	70%

6	60%
5	50%
4	40%
3	30%
2	20%
1	10%

## **MULTI-STAGE COOKING**

Some recipes may require setting a multi-stage program involving defrosting, and different power levels. The following example shows the steps in setting up such a program.

1. Touch CANCEL button to reset the system.
2. Input jet-defrost program.
3. Touch MEMORY button.
4. Input microwave-cooking program.
5. Touch MEMORY button again.
6. Input another microwave cooking program with probably lower power level setting.
7. Touch START button.

### **NOTE**

Logically, JET DEFROST or WEIGHT DEFROST must proceed any cooking function in a multistage cooking program. The respective lights will come on to indicate which stage the oven is operating in. After total time has elapsed, 3 beep sound.

## **PRE-SET COOKING**

You can put food in the oven, and program the oven to start up in a later time within the oven's clock cycle (12 hours).

Suppose you want to set the oven to start-up at 2 o'clock.

1. Place food in the oven
2. Touch PRE-SET button.

3. Touch number buttons 2,0,0.
4. Set a cooking program.
5. Touch START button.

**EXPRESS COOKING**

With express cooking, you touch the EXPRESS button a number of times to state cooking time and the oven will work at full power level.

<b>Touch Once</b>	<b>15 seconds</b>
Touch Twice	30 seconds
Touch 3 Times	1 minute
Touch 4 Times	2 minutes

Suppose you want to set the oven to microwave for 1 minute at 100% power level.

1. Touch the EXPRESS button 3 times, "1:00" will appear in the display.
2. Touch START button.

**WEIGHT DEFROST**

Automatically sets proper defrosting cycle once you have entered the weight of the food to be thawed. Maximum allowable weight for each category is shown below.

<b>FOOD CATEGORY</b>	<b>MAXIMUM WEIGHT</b>	<b>DISPLAY</b>
<b>Meat</b>	2300g	d1
<b>Poultry</b>	4000g	d2
<b>Seafood</b>	900g	d3

Suppose you want to defrost 600g shrimp.

1. Touch WEIGHT DEFROST buttons 3 times "d3" will appear in the display.
2. Touch number buttons 6,0,0.
3. Touch START button.

**NOTE**

During defrosting, two beeps will sound to remind you to open the oven door and rearrange or turn over the food for better defrosting performance.

The oven will not start if you happen to enter weight in excess of the maximum recommended.

For exceeding these maximum weights, use the JET DEFROST program.

To serve as a reminder, after a cooking or defrosting function has completed, the oven makes beeps every two minutes until the door is opened or the CANCEL button is touched.

**JET DEFROST**

JET DEFROST lets you customize defrosting time, you can use it to defrost food not covered, or if weight exceeds the maximum allowable by weight defrost.

Suppose you want to set the oven to JET DEFROST for 5 minutes and 30 seconds.

1. Touch JET DEFROST button.
2. Touch number buttons 5,3,0.
3. Touch START button.

**SETTING TIMER**

To use the timer feature, do the following,

1. Touch TIME button.
2. Use number buttons to input needed time.
3. Touch POWER button.
4. Touch number button 0.
5. Touch START button.

**NOTE:**

This additional feature is used for timing things done outside the oven. Three beeps will sound at the end of the elapsed time. The oven light and cooling fan will turn on while the time is counting down, but there is no microwave present.

**SAFETY LOCK**

The safety lock prevents unsupervised operation by little children. To set, press and hold number pads 5 and 7 at the same time, a beep sounds and LOCK indicator lights. To cancel, press and hold number pads 5 and 7 at the same time, a beep sounds and LOCK indicator goes off

NOTE: You can not operate the oven while the child lock is set.

### **TO STOP THE OVEN DURING OPERATION**

Open the door.

You can restart the oven by closing the door and touching START button.

NOTE:

Oven stops operating the moment when the door is opened.

## **CLEANING AND CARE**

1. Turn off the oven and remove the power plug from the wall socket before cleaning.
2. Keep the inside of the oven clean. When food splatters or spilled liquids adhere to oven walls, wipe with a damp cloth. Mild detergent may be used if the oven gets very dirty. Avoid the use of spray and other harsh cleaners as they may stain, streak or dull the door surface.
3. The outside surfaces should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation opening.
4. Wipe the door and window on both sides, the door seals and adjacent parts frequently with a damp cloth to remove any spills or spatters. Do not use abrasive cleaner.
5. Do not allow the control panel to become wet. Clean with a soft, damp cloth. When cleaning the control panel, leave the oven door open to prevent oven from accidentally turning on.
6. If steam accumulates inside or around the outside of the oven door, wipe with soft cloth. This may occur when the microwave oven is operated under high humidity conditions. This is normal.
7. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.
8. The roller ring and oven floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent. The roller ring may be washed in mild sudsy water or dishwasher. When removing the roller ring from cavity floor for cleaning, be sure to replace in the proper position.
9. Remove odours from your oven by combining a cup of water with the juice and skin of one lemon in a deep microwaveable bowl, microwave for 5 minutes. Wipe thoroughly and dry with a soft cloth.
10. When it becomes necessary to replace the oven light, please consult a dealer to have it replaced.