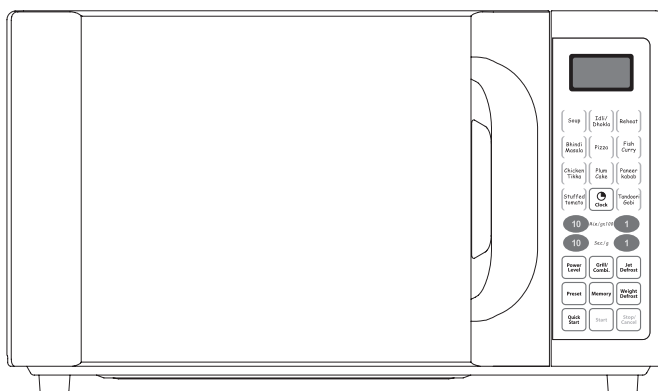


# IFB

## MODEL: 20PG2S



## Microwave Oven Owner's Manual

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 particularly 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 properly qualified service personnel.

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## IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliance 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 vapors in this appliance. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
3. Do not operate the oven when empty.
4. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
5. **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.
6. To reduce the risk of fire in the oven cavity:
  - a. When heating food in plastic or paper container, keep an eye on the oven due 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 beverage 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 microwave oven.
15. **WARNING:** It is hazardous for anyone other than a trained person to carry out any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy.
16. Group 2 ISM equipment: group 2 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 spark erosion equipment. e.g. Domestic microwave ovens are mentioned inside this scope under Annex A. 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 purpose.

## SPECIFICATIONS\*

Power Consumption	230V~50Hz, 1200W(Microwave) 230V, 1000W(Grill)
Rated Microwave Power Output:	800W
Operation Frequency:	2450MHz
Outside Dimensions:	262mm(H)×452mm(W)×365mm(D)
Oven Cavity Dimensions:	210mm(H)×315mm(W)×314mm(D)
Oven Capacity:	20 Litres
Cooking Uniformity:	Turntable System{ Φ 245mm}
Net Weight:	Approx.12.5 kg

\*The data quoted above may be further updated or confirmed.

## 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 RECTIFIES 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 qualified 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 feet.
6. Do not operate the oven without 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 high 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 instructions, consult a qualified electrician or service person.

2. Neither the manufacturer 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 colored 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 measures:

1. Clean door and sealing surface of the oven.
2. Reorient the receiving antenna of radio or

television.

3. Relocate the microwave oven with respect to the receiver.
4. Move the microwave oven away from the receiver.
5. Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

## MICROWAVE COOKING PRINCIPLES

1. Arrange food carefully. Place thickest areas towards outside of 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.

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

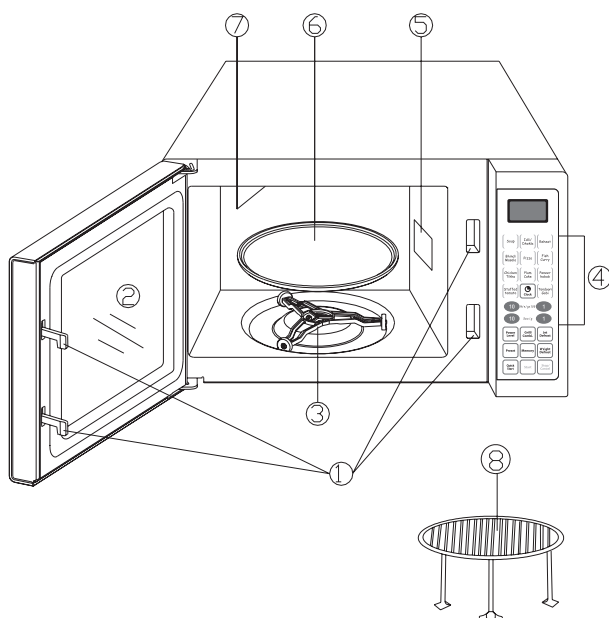
## UTENSILS GUIDE

1. The ideal material for a microwave utensil is transparent to microwave, it allows energy to pass through the container and heat the food.
2. Microwave cannot penetrate metal, so metal utensils or dishes with metallic trim should not be used.
3. Do not use recycled paper products when microwave cooking, as they may contain small metal fragments which may cause sparks and/or fires.
4. Round /oval dishes rather than square/oblong ones are recommend, as food in corners tends to overcook.
5. Narrow strips of aluminum foil may be used to prevent overcooking of exposed areas. But be careful don't use too much and keep a distance of 1 inch (2.54cm) between foil and cavity.

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

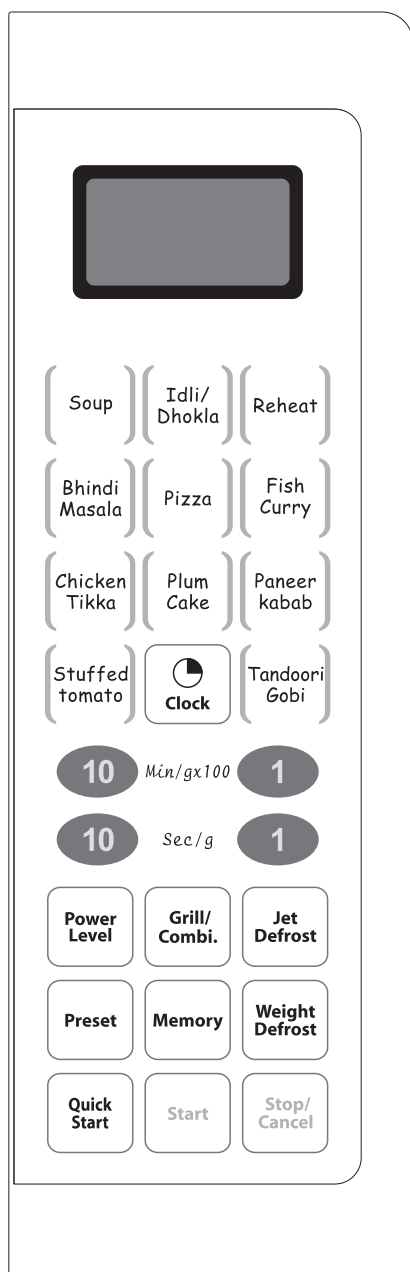
COOKWARE	MICROWAVE	GRILL	COMBINATION
Heat-Resistant Glass	Yes	Yes	Yes
Non Heat-Resistant Glass	No	No	No
Heat-Resistant Ceramics	Yes	Yes	Yes
Microwave-Safe Plastic Dish	Yes	No	No
Kitchen Paper	Yes	No	No
Metal Tray	No	Yes	No
Metal Rack	No	Yes	No
Aluminum Foil & Foil Containers	No	Yes	No

## PART NAMES



1. Door Safety Lock System
2. Oven Window
3. Roller Ring
4. Control Panel
5. Wave guide
6. Glass Tray
7. Grill Heater
8. Metal Rack

## CONTROL PANEL



### ● MENU ACTION SCREEN

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

### ● NUMBER PADS

Touch to set clock, cooking time or enter food weight.

### ● QUICK COOK BUTTONS

Instant settings to cook popular foods.

### ● CLOCK

Touch to set the digital clock.

### ● POWER LEVEL

Used to set a microwave-cooking program.

### ● GRILL/COMBI.

Press up to three times to choose a cooking mode.

### ● WEIGHT DEFROST

Programmed defrosting based on the weight of the foods to be defrosted.

### ● JET DEFROST

Quick defrost function that alternates defrost and stand times to quickly and effectively defrost foods.

### ● PRESET

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

### ● MEMORY

Used for setting a multistage cooking program

### ● START

Touch to start

### ● QUICK START

Touch to start cooking or start the oven quickly.

### ● STOP/CANCEL

- Touch to clear entry before setting a cooking program.
- Touch once to temporarily stop cooking or twice to cancel cooking.
- Touch and hold to set child lock.




# 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 digital clock time, touch the CLOCK button once and then press the number pads to set the time of day.




**For example:** to set the time of 6: 35 (A.M or P.M).

STEP 1	STEP 2	STEP 3
 <p>Touch clock pad</p>	 <p>Touch number pads to set the clock time. Press- 1min - 6times 10sec - 3times 1sec - 5times</p>	 <p>Touch CLOCK button again to confirm</p>

## MICROWAVE COOKING

To cook with microwave, time and power level should be set. The longest cooking time to be set by touching the number pads is 99 min. 99 sec.

**For example:** To cook for 5 minutes at 60% of microwave power.

STEP 1	STEP 2	STEP 3
 <p>Touch Power pad a number of times to set power level</p>	 <p>Touch number pads to set cooking time. Press- 1min- 5times</p>	 <p>Touch START button.</p>

**Note:** during cooking, press POWER to show the cooking power level for 3 sec.

## -----POWER LEVEL-----


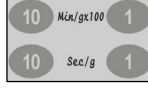

By pressing the POWER LEVEL a number of times, you are selecting one of the following microwave power levels:

Press	Power Level	Description
Once	100% of total	High
Twice	80%	M. High
Thrice	60%	Medium
4 times	40%	M. Low
5 times	20%	Low
6 times	0%	Zero

## GRILL COOKING

Grill cooking is particularly useful for thin slices of meat, steaks, chops, kebabs, sausages of piece of chicken. It is also suitable for hot sandwiches and au gratin dishes.

Suppose you want to grill for 12 minutes.

STEP 1	STEP 2	STEP 3
 <p>Touch Grill/COMB. Pad once</p>	 <p>Touch number pads to set cooking time. Press- 10min-once 1min-2 times</p>	 <p>Touch START pad</p>

## COMBINATION COOKING

Combination 1:

The longest cooking time to be set by touching the number pads is 99 min. 99 sec."

36% time for microwave cooking, 64% for grill cooking. Recommended for fish, potatoes or au gratin.


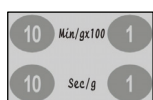

Combination 2:

55% time for microwave cooking, 45% for grill cooking. Use for puddings omelets, baked potatoes and poultry.


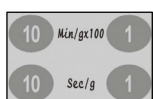

**For example:** To set the oven to COMBINATION cooking for 25 minutes.



### COMBINATION 1

STEP 1	STEP 2	STEP 3
 Touch Grill/COMB. pad twice	 set cooking time	 Touch start pad

### COMBINATION 2

STEP 1	STEP 2	STEP 3
 Touch Grill/COMB. pad thrice	 set cooking time	 Touch start pad

### AUTO COOK

For food or the following cooking mode, it is not necessary to program the duration and the cooking power. It is sufficient to indicate the type of food that you wish to cook as well as the weight of this food. In order to do this, press the individual icon pad of the food you are going to cook, the first of a number of preset weight parameters will appear, choose the one that's equivalent to the weight of food you have placed into the oven. The oven begins cooking once the START button is engaged.

*For example: To bake certain amount of potato.*

1. Place Bhindi Masala in the oven
2. Press Bhindi Masala a number of times to select weight.
3. Press START button.

## Auto Cook Menu

List	Food/cooking mode	Cookware to be used	Instructions	Information
1	Soup (each 200ml)	microwave proof bowl	Add boiled vegetable puree along with the seasonings & vegetable stock in a bowl and cook.	<p>Please note:</p> <p>For some food, at the middle of cooking time, beeps can be heard to remind you to open the door and check its doneness and turn food over to obtain uniform cooking; but be careful to handle with care of very hot food in the oven. To resume cooking, just close the door, &amp; press start the oven will cook for the remaining time.</p>
2	Idli/dhokla	Microwave proof idli maker/microwave proof flat dish for dhokla	Follow the manufactures instructions while using idli maker.	
3	Reheat	Microwave proof plastic cookware or borosil/pyrex	Useful for reheating food such as rice, vegetables, curries etc. Stirring and rotating foods as they reheat help to distribute the heat more evenly.	
4	Bhindi Masala (each 230g)	Microwave proof bowl	Blenderise curds with garam masala,tumeric powder,red chilli powder,chopped green chillies and Marinade bhindis after slitting them for 10 minutes. Mix oil and marinated bhindis and cook.	
5	Pizza	Borosil tray (heat resistant)	Use this programme for reheating pizza.	
6	Fish curry	Microwave proof bowl.	Maharashtran style: Marinade fish with red chilli powder,ginger garlic paste,tumeric powder ,green chillies and salt for ½ hour. Add oil in a dish and put marinated fish and cook with coconut milk.	
7	Chicken tikka	Borosil tray	Marinade the chicken before cooking.	
8	Plum cake	Microwave proof bowl.	Cake baked in microwave mode will not be brown, hence add caramelized sugar in the batter for colour .	
9	Paneer Kabab	Borosil tray	Coat paneer pieces with paneer kebab masala and cook using this programme.	
10	Stuffed tomato	Borosil tray	Cut the head of the tomatoes and scoop out the pulp inside. Mix the pulp with chopped onion, coriander, grated cheese, bread crumbs and fill in the tomatoes. Top the tomatoes with a bit of cheese and cook.	
11	Tandoori Gobi	Borosil tray	Marinade cauliflower florets with ½ cup hung curds, ginger garlic paste, lemon juice, chilli powder, garam masala, oil & salt as per taste. Cook cauliflower florets using this programme.	


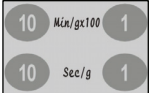

## DEFROST BY WEIGHT

The oven allows the defrosting of meat, poultry, and seafood. The time and the defrosting power are adjusted automatically once the weight of food is programmed.

The maximum allowable weight for each category is shown below.

FOOD CATEGORY	MAXIMUM WEIGHT	DISPLAY
Meat	2300g	d1
Poultry	4000g	d2
Seafood	900g	d3

*For example: To defrost 600g shrimp.*  
Place food to be defrosted in the oven.


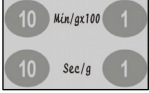

STEP 1	STEP 2	STEP 3
 <p>Touch <b>WEI.</b> DEF. pad 3 times. "d3" appears in the display</p>	 <p>Touch number pad 1 min. 6 times to enter weight 600g</p>	 <p>Touch start pad.</p>

**Note:** press number pad 10 min/×100g to enter weight in 1kg increment, 1 min/×100g for 100g increment, 10 sec/g for 10g increment, 1 sec/g for 1g increment.

## JET DEFROST

For foods exceeding the defrosting recommended maximum weight, use JET DEFROST program. You need to input defrosting time.

*For example: To set the oven to JET DEFROST for 5 minutes.*

STEP 1	STEP 2	STEP 3
 <p>Touch <b>JET DEFROST</b> pad</p>	 <p>Touch number pad to enter defrosting time</p>	 <p>Touch start pad.</p>



## MULTI-STAGE COOKING

The oven can be programmed to do several consecutive functions.

Suppose you want to set the following cooking program:

- ① JET DEFROST;
- ② Microwave cooking;
- ③ Grill cooking.

### STEPS:

1. If necessary, touch STOP/CANCEL pad once to reset the oven.
2. Input JET DEFROST program.
3. Press  pad.
4. Input microwave cooking program.
5. Touch  pad.
6. Input grill cooking program.
7. Touch START pad.

### Note:


DEFROST or WEIGHT DEFROST should be included only when it is set foremost 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, 4 beeps sound.

## DELAY START

Delay start function allows the oven to start up in a later time. Suppose now the clock running at 11:10 and you want the oven to start cooking at 11:30.

### STEPS:

1. Touch  pad.
2. Set a cooking program
3. Use the number pads to enter the time 11:30 when it should start.
4. Touch START pad.

**Note:** Make sure that the food is placed into the oven in advance before any cooking starts.

## QUICK START

This feature allows you to start the oven quickly. Just touch



a number of times to set time, the oven Cooks immediately at full power.

## CHILD LOCK

Use to prevent unsupervised operation of the oven by little children. The CHILD LOCK indicator will show up on display screen, and the oven cannot be operated while the CHILD LOCK is set.

To set the CHILD LOCK:



Press and hold the  pad for 3 seconds, a beep sounds and LOCK indicator lights.

To cancel the CHILD LOCK: Press and hold the



button for 3 seconds until lock indicator on display goes off.

## SPECIAL FEATURE

### AUTO REMINDER

After a cooking or defrosting program has completed, the oven will automatically continue to sound beeps every two minutes until the oven door is opened or the STOP/CANCEL button is pressed.

## 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 openings.
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 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 a soft cloth. This may occur when the microwave oven is operated under high humidity condition. And it 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 odors 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.
11. 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.
12. Please do not dispose this appliance into the domestic rubbish bin, it should be disposed to the particular disposal center provided by the municipalities.