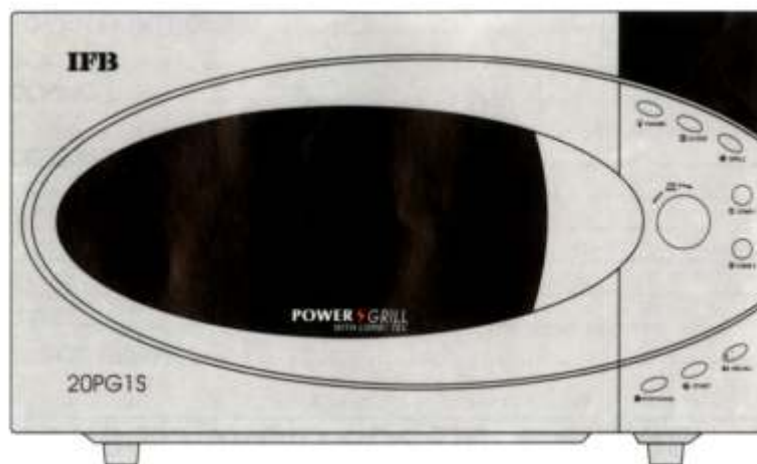


IFB

MODEL: 20PG1S



MICROWAVE OVEN OWNER'S MANUAL

Please read these instructions carefully before installing and operating the oven. Keep them for further reference.

Record in the space below the SERIAL NO. found on the nameplate on your oven and retain this information for future reference.

SERIAL NO.

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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.
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.

SPECIFICATION

Power Consumption:	230V~50Hz, 1200W(Microwave) 230V, 1000W(Grill)
Rated Microwave Power Output:	800W
Operation Frequency:	2450MHz
Outside Dimensions:	295mm(H)x458mm(W)x370mm(D)
Oven Cavity Dimensions:	206mm(H)x300mm(W)x302mm(D)
Oven Capacity:	20Litres
Cooking Uniformity:	Turntable System(Φ 270mm)
Net Weight:	Approx.15.1kg

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.

Notes:

If you have any questions about the grounding or electrical instructions, consult a qualified electrician or service person.

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

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

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 handle 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 squash, 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.

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

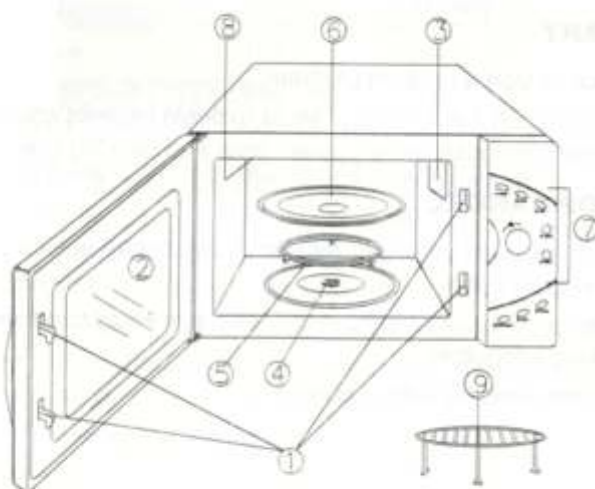
1. The ideal material for a microwave utensil is transparent to microwave, it allows energy to pass through the container and heat the food.
2. Microwave can not penetrate metal, so metal utensils or dishes with metallic trim should not be used.
3. Do not use recycled paper products when microwave cooking, 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.

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.

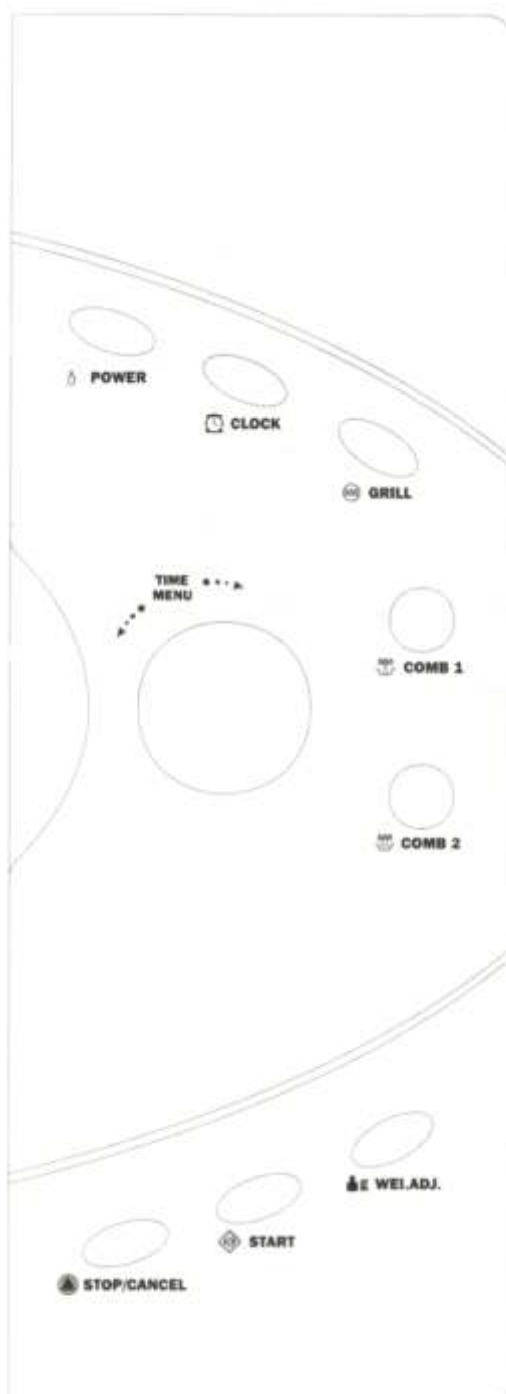
Cookware	Microwave	Grill	Combination Cooking
Heat-Resistant Glass	Yes	Yes	Yes
Non Heat-Resistant Glass	No	No	No
Heat-Resistant Ceramics	Yes	Yes	Yes
Microwave-Safe Plastic Dish	Yes	No	No
Kitchen Paper	Yes	No	No
Metal Tray	No	Yes	No
Metal Rack	No	Yes	No
Aluminum Foil & Foil Containers	No	Yes	No

PART NAMES



- ① Door Safety Lock System
- ② Oven Window
- ③ Oven Air Vent
- ④ Shaft
- ⑤ Roller Ring
- ⑥ Glass Tray
- ⑦ Control Panel
- ⑧ Heater
- ⑨ Metal rack

CONTROL PANEL



POWER

Touch this pad a number of times to set microwave cooking power level.

GRILL

Press this button to set a grill-cooking program up to 60 minutes

COMB.1

Press to set a combination-cooking program.

COMB.2

Press to set a combination-cooking program with different cooking power settings.

TIME/MENU

Turn the dial to set the oven clock time and input cooking time.

Turn the timer/menu dial to select an auto-cooking menu including auto defrost.

CLOCK

Touch this pad to set the oven clock and ending by touching it again.

WEI.ADJ.

Press to specify food weights or number of servings.

START

Touch to start a cooking program.

Simply touch it a number of times to begin express cooking without previously setting power level and cooking time.

STOP/CANCEL

Press to cancel setting or reset the oven before setting a cooking program.

Press once to temporarily stop cooking, or twice to cancel cooking altogether.

It is also used for setting child lock.

HOW TO SET THE OVEN CONTROLS

Each time a button is pressed, a beep will sound to acknowledge the press.

SETTING THE CLOCK

When the oven is first plugged in, the display shows "1:01". This is a 12 hour clock (according to model). To check the time while the oven is operating, press the CLOCK button, then the time will be displayed for 5 seconds in the display.

FOR EXAMPLE: Suppose you want to set the oven clock time to 8:30 (A.M. or P.M.).

- ☞ Press CLOCK button.
- ☞ Turn TIME/MENU to set the hour digit.
- ☞ Press CLOCK button.
- ☞ Turn TIME/MENU to set the minute digit.
- ☞ Press CLOCK to confirm the setting.

MICROWAVE COOKING

For microwave cooking, just press the POWER pad a number of times to select a cooking power level, and then use the TIME/MENU dial to set a desired cooking time. The longest cooking time is 60 minutes.

Select power level by pressing the POWER button.

PRESS POWER BUTTON	DISPLAY	COOKING POWER
once	100	100%
twice	80	80%
3 times	60	60%
4 times	40	40%
5 times	20	20%

For example, suppose you want to cook for 1 minute at 60% of microwave power.

- ☞ Press POWER button 3 times.
- ☞ Turn TIME/MENU until the display shows 1:00.
- ☞ Press START button.

Grill Cooking

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

Suppose you want to program grill cooking for 12 minutes.

- ☞ 1. Press GRILL button.
- ☞ 2. Turn the TIME/MENU to 12:00.
- ☞ 3. Press START button.

COMBINATION COOKING

This feature allows you to combine grill and microwave power to cook food. It has two different power settings.

COMB1.

30% time for microwave cooking, 70% for grill cooking. Use for fish, potatoes or au gratin.

Suppose you want to set combination 1 cooking for 25 minutes.

- 1. Press COMB1 button once.
- 2. Turn TIME/MENU to 25:00.
- 3. Press START button.

COMB2.

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

Suppose you want to set combination 2 cooking for 12 minutes.

- 1. Press COMB2 button once.
- 2. Turn TIME/MENU to 12:00.
- 3. Press START button.

EXPRESS COOKING

The oven will operate at HIGH power (100% power output) for EXPRESS cooking program.

Just press the START button a number of times to set the cooking time, the oven will

automatically start cooking at full power level.

For example, to set the oven to cook for 2 minutes using this feature:

- ☞ Press START button 4 times, the oven starts working immediately at full power.

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, turn the TIME/MENU dial to indicate a category of food/cooking mode, then press WEI.ADJ button to indicate weight of food to be cooked. The oven begins cooking once the START button is engaged.

You may need to turn food over at the middle of cooking time to obtain uniform cooking.

For example, to cook 400gr. of fish.

1. Turn TIME/MENU dial until the display shows code 6.
2. Press WEI. ADJ to indicate a weight of 400g.
3. Press START button.

Auto Cook Menu

Code	Food	Press WEI.ADJ to indicate weight of food								
1	Coffee/Soup(unit)	1	2	3						
2	Rice (g)	80	100	120						
3	Spaghetti (g)	100	200	300						
4	Potato (g)	150	300	450	600					
5	Auto reheat (g)	70	140	210	280	320	350	380	420	450
6	Fish (g)	50	100	150	200	250	300	350	400	450
7	Chicken (g)	800	1000	1200	1300	1400	1500	1700	1800	2000
8	Beef/Mutton (g)	300	500	800	1000	1200	1300	1800		
9	Skewered Meat (g)	80	100	150	200	300	400	500	600	700

The result of auto cooking depends on factors such as the shape and size of food, your personal preference as to the doneness of certain foods and even how well you happen to place food in the oven. If you find the result at any rate not quite satisfactory, please adjust the cooking time a little bit accordingly.

Auto Defrost

The oven allows the defrosting of meat, poultry, and seafood. The time and the defrosting power are adjusted automatically once the type of food and the weight is programmed. The range weight of frozen foods varies between 100gr and 4000gr.

FOR EXAMPLE: Suppose you want to defrost 600g of shrimp.

1. Place the shrimp to be defrosted into the oven.
2. Turn the TIME/MENU dial until the display shows 100g.
3. Turn the TIME/MENU dial again to indicate weight 600g.
4. Press START button.

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 can not be operated while the CHILD LOCK is set.

To set the CHILD LOCK: Press and hold the STOP/CANCEL button for 3 seconds, a beep sounds and LOCK indicator lights.

To cancel the CHILD LOCK: Press and hold the STOP/CANCEL button for 3 seconds until lock indicator on display goes off.

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 splatters. 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 conditions. In such case, 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.

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.

WARRANTY

IFB Industries Limited. ("The Company") warrants to the original domestic purchase of this Microwave Oven ("Appliances") that it is free from defects in workmanship & materials. During 12 months from the date of purchase of the new Microwave Oven, all the parts of the Microwave Oven which prove to be defective in workmanship and/or materials shall be replaced or repaired free of charge subject to Limitations of Warranty.

LIMITATIONS OF WARRANTY

1. This warranty is not valid in case of the following events.
 - a) If the warranty card is not fully and properly filled in and signed at the time of purchase / installation by the company's authorised dealer / service engineer.
 - b) If the completed warranty card is not presented to the authorised personnel at the time of service /repair.
 - c) If the appliance is not used in accordance with manufacturer's instructions given in the Operating Manual.
 - d) If the appliance has been serviced, repaired, opened or tampered by any unauthorized personnel.
 - e) If defects arise/caused by accidents, alteration, misuse, neglect, abuse, substitution of original components with spurious/ non-genuine components, attack by household pests/rodents, fire, flood, earth-quake, lightning and/or any other acts of God/natural calamities.
 - f) If damages occur by improper electrical, circuit outside the appliance or by any defective electrical supply thereof
 - g) If the machine serial number on the appliance is defaced, missing or altered.
 - h) If the appliance is taken out of India.
2. This warranty does not cover any type of painting, plating including rusting etc or defects thereof.
3. This warranty does not cover normal wear and tear of parts.
4. Liability for consequential damages is neither accepted nor implied.
5. Parts replaced or repaired under this warranty are warranted throughout the remaining of the original warranty period
6. The Company is not liable for any delay in servicing due to reasons beyond the control of the company or any of its authorised service centre.
7. This warranty is not applicable, if the Microwave Oven is used for commercial purpose or at places like institutions. Hotels, Hostels, Hospitals, Community Halls and other similar applications.
8. This warranty is issued subject to the jurisdiction of Kolkata courts.
9. This is the **ONLY WARRANTY** covering the appliance given by the Company.

Note: For all types of repairs/maintenance under warranty, the appliance shall be brought to the nearest Company service centre or its authorised service agent.