

TOUGH MAMA®

Instruction Manual

Microwave Oven

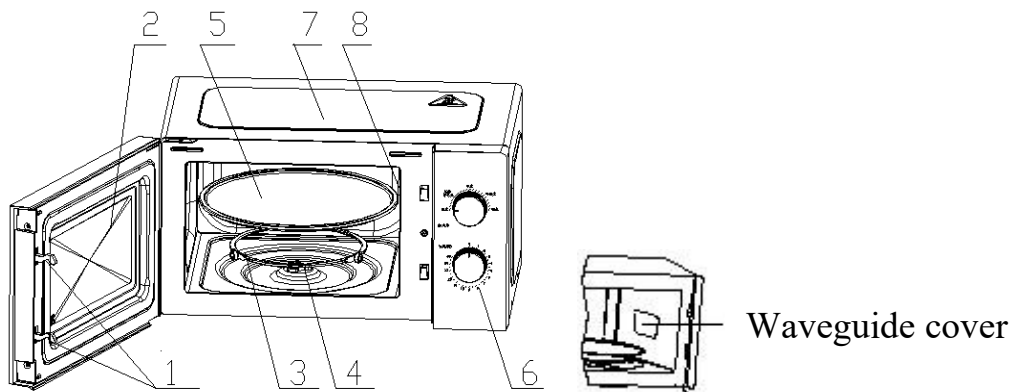
Model No.: NTM-OM20W



230V a.c. 60Hz 700W

Please read all instructions before using this product.

KNOW YOUR MICROWAVE



1. Door lock
 - Microwave oven door must be properly closed in order for it to operate.
2. Viewing window
 - Allow user to see the cooking status.
3. Rotating Ring
 - The glass turntable sits on its wheels; it supports the turntable and helps it to balance when rotating.
4. Rotating Axis
 - The glass turntable sits on the axis; the motor underneath it drives the turntable to rotate.
5. Turntable
 - The food sits on the turntable, its rotation during operation helps to cook food evenly.
 - **Caution:** Place the rotating ring first; Fit the turntable onto the rotating axis and make sure that it is geared in properly.
6. Control Panel
 - See below in details (the control panel is subject to change without prior notice)
7. Outer Cover
 - Used for wrapping and protecting the internal structural parts and electrical components of the whole machine.
8. Waveguide Cover
 - It is inside the microwave oven, next to the wall of control panel.
 - **Caution:** Never remove the waveguide cover.

IMPORTANT SAFEGUARDS

Before using the electrical appliance, read all instruction and follow these basic precautions:

1. **Warning:** If the door or door seals are damaged, the oven must not be operated until it has been repaired by a trained person.
2. 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.
3. Liquids or other food must not be heated in sealed containers since they are liable to explode.
4. Only use utensils that are suitable for use in microwave ovens.
5. Metallic containers for food and beverages are not allowed during microwave cooking.
6. When heating food in plastic or paper containers, keep an eye on the oven due to the possibility of ignition.
7. The microwave oven is intended for heating food and beverages. Drying of food or clothing and heating of warming pads, slippers, sponges, damp cloth and similar may lead to risk of injury, ignition or fire.
8. If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames microwave heating of beverages can result in delayed eruptive boiling, therefore care has to be taken when handling the container.
9. The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.
10. Eggs in their shell and whole hard-boiled eggs shall not be heated in microwave ovens since they may explode, even after microwave heating has ended.
11. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation. The microwave oven is intended to be used freestanding or built-in or in a cabinet.
12. The appliance must not be placed in a cabinet
13. Care should be taken not to displace the turntable when removing containers from the appliance.
14. The appliance shall not be cleaned with a steam cleaner.
15. The appliance must not be installed equal or higher than 900 mm above the floor. Minimum height of free space necessary above the top surface

of the oven: 100mm.

Note: When the appliance is operated in the combination mode, children only use the oven under adult supervision due to the temperatures generated.

16. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid any hazard.
17. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
18. Children shall not play with the appliance.
19. Cleaning and user maintenance shall not be made by children without supervision.
20. Group 2 Class B appliance
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 EDM and arc welding equipment.
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.
21. This appliance is intended to be used in household and similar applications such as:
 - Staff kitchen areas in shops, offices and other working environments
 - Farm houses
 - By clients in hotels, motels and other residential type environments
 - Bed and breakfast type environments

INSTALLATION

1. Remove the package from the microwave and carefully check the microwave for damage. Such as:
 - a. Whether the furnace body is shocked and shows signs of heavy pressure.
 - b. Whether the furnace door is flat and the switch is smooth and flexible.
 - c. Whether the metal insulation mesh on the furnace door is bent or

deformed.

d. The power cord is loose or loose.

- If you find any of the above, please contact your dealer or our special maintenance department immediately.

2. The microwave oven must be placed flat in a ventilated, dry, non-corrosive environment, away from high temperatures and vapors.
3. Do not place any objects on the top of the stove. In order to have sufficient air circulation space, the product should be placed 85cm above the ground. The distance between the sides of the microwave oven and the wall should be no less than 5cm, the distance between the back of the furnace and the wall should be no less than 10cm and the distance from the top wall cabinet should be no less than 20cm.
4. The microwave oven should be away from the TV, radio and antenna (generally greater than 5m), otherwise it will cause interference.
5. The microwave oven should be placed in the place where the power cable is convenient to plug in, and the grounding is guaranteed to be good. In case of leakage, the grounding wire can be formed.

- The current loop avoids electric shock.

6. Be sure to operate the microwave oven with the door closed.
7. Do not place the microwave in the cabinet.
8. When using the microwave oven for the first time, since the residue or grease in the manufacturing process exists in the furnace cavity or on the heating pipe, there may often be odor and even white smoke during heating. This is a normal phenomenon and has been used several times. After this, this will not happen, pay attention to open the doors and windows to maintain good ventilation.

CARE & CLEANING

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

1. Remove the power cord from the wall outlet before cleaning. Don't immerse the appliance in water or other fluids when cleaning.
2. 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

3. Never use hard detergent, gasoline, abrasive powder or metal brush to clean any part of the appliance
4. Do not remove the waveguide cover
5. When the microwave oven has been used for a long time, there may be some strange odors exist in oven, Following 3 methods can get rid of them:
 - a. Place several lemon slices in a cup, then heat with high Micro Power for 2-3 min.
 - b. Place a cup of red tea in oven, then heat with high micro power.
 - c. Put some orange peel into oven, and then heat them with high Micro Power for 1 minute.
6. **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.
7. Details for cleaning door seals, cavity and adjacent parts:

• **Exterior:** Wipe the enclosure with a dampened soft cloth

• **Door:** Using a dampened soft cloth, wipe clean the door and window.

Wipe the door seals and adjacent parts to remove any spill or spatter.

Wipe the control panel with a slightly dampened soft cloth.

• **Interior walls:** Wipe clean the cavity with a dampened soft cloth.

Wipe clean the waveguide cover to remove any food splashed.

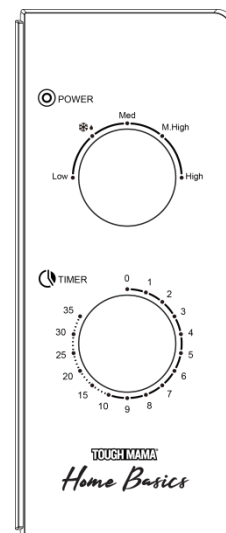
• **Turntable/ Rotation ring/ Rotation axis:** Wash with mild soap water.

Rinse with clean water and allow drying thoroughly.

OPERATION OF CONTROL PANEL

1. CLOCK SETTING

The maximum setting is 35 minutes, there is a ringtone at the end, and the knob returns to the “0” position.



2. MICROWAVE FUNCTION

There are five firepower files:

HIGH	100% power output	(Quick cooking)
M.High	80% power output	(Normal cooking)
Med	55% power output	(Slow cooking)
M.Low	30% power output	(Defrost food)
LOW	17% power output	(Keep warm)

Below is some food defrosting time advice:

	Weight	Defrost time
Meat	0.1~1.0kg	1:30~26:00
Poultry	0.2~1.0kg	2:30~22:00
Sea food	0.1~0.9kg	1:30~14:00

OPERATION

1. Connect the cord

- Before connecting the cord, make sure the timer is set to “0” position.
- Do not block the ventilation.

2. Place the food on the glass turntable and close the door

- Food must be contained in a utensil

3. Select the desired power level

4. Set the timer

If desired time is less than 10 minutes, turn the firepower knob to over 10 minutes position and then turn back to the desired time setting.

5. Once the desired time is set, the cooking begins. If pausing in between is needed, just open the door at any time, and close it to resume operation.

6. When it times out and cooking ends, the microwave oven produces a bell ring, the inside lamp will also be automatically turned off.

If food is removed before time out, make sure to set back the timer to “0” position, this avoids the microwave oven from operating in empty load.

UTENSILS GUIDELINE

Depending on the cooking method, it is necessary to choose a safe and suitable vessel. If it is not properly selected, it will not only affect the cooking effect, but also cause damage to the vessel or microwave oven. Please refer to the table below for use:

Material of container	Microwave	Notes
Heat-resistant ceramic	Yes	Never use the ceramics which are decorated with metal rim or glazed
Heat-resistant plastic	Yes	Cannot be used for long time microwave cooking
Heat-resistant glass	Yes	
Grill rack	No	
Plastic film	Yes	It should not be used when cooking meat or chops as the over-temperature may do damage to the film

COOKING TIPS

The following factors may affect the cooking result:

Food arrangement

Place thicker areas towards outside of dish, the thinner part towards the centre and spread it evenly. Do not overlap if possible.

Cooking time length

Start cooking with a short time setting, evaluate it after it times out and extend it according to the actual need. Over cooking may result in smoke and burns.

Cooking food evenly

Food such as chicken, hamburger or steak should be turned once during cooking. Depending on the type of food, if applicable, stir it from outside to centre of dish once or twice during cooking

Allow standing time

After cooking times out, leave the food in the oven for an adequate length of time, this allows it to complete its cooking cycle and cooling it down in a gradual manner

Whether the food is done

Color and hardness of food help to determine if it is done, these include:

- Steam coming out from all parts of food, not just the edge
- Joints of poultry can be moved easily
- Pork or poultry shows no signs of blood
- Fish is opaque and can be sliced easily with a fork

Browning dish

When using a browning dish or self-heating container, always place a heat-resistant insulator such as a porcelain plate under it to prevent damage to the turntable and rotating ring.

Microwave safe plastic wrap

When cooking food with high fat content, do not allow the plastic wrap come into contact with food as it may melt

Microwave safe plastic cookware

Some microwave safe plastic cookware might not be suitable for cooking foods with high fat and sugar content. Also, the preheating time specified in the dish instruction manual must not be exceeded.

MAINTENANCE

SERVICING

Please check the following before calling for services.

1. Place one cup of water (approx.150ml) in a glass measure in the oven and close the door securely. Oven lamp should go off if the door is closed properly. Let the oven work for 1 min.

2. Does the oven lamp light?

3. Does the cooling fan work?

(Put your hand over the rear ventilation openings.)

4. Does the turntable rotate?

(The turntable can rotate clockwise or counter clockwise. This is quite normal.)

5. Is the water inside the oven hot after 1 minute?

If “NO” is the answer to any of the above questions, please check your wall socket and the fuse in your meter box.

If both the wall socket and the fuse are functioning properly, CONTACT YOUR NEAREST SERVICE CENTER APPROVED.

SERVICING SAFEGUARDS

Caution: MICROWAVE RADIATION

1. **Warning:** There is microwave radiation and high voltage in the microwave. Except for maintenance technicians, it is strictly forbidden to dismantle it by yourself to avoid harm to the human body. Do not expose to radiation from microwave generators or other conducted microwave energy components!


Warning: When the microwave oven is running, the surface temperature will be very high!

2. During servicing below listed parts are liable to be removed and give access to potentials above 250V to earth.

- Magnetron
- High voltage transformer
- High voltage capacitor
- High voltage diode

3. The following conditions may cause undue microwave exposure during servicing.

- Improper fitting of magnetron;
- Improper matching of door interlock, door hinge and door;
- Improper fitting of switch support;
- Door, door seal or enclosure has been damaged.

Correct Disposal of this product	
	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.</p>

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