

Operating Manual

Combination microwave oven Model WD 900 U

Item-No.: 288-1005



TABLE OF CONTENTS

SCOPE OF DELIVERY	3
STANDARDS AND DIRECTIVES	3
TECHNICAL OVERVIEW	4
SYMBOL EXPLANATIONS	5
GENERAL INSTRUCTIONS	6
SAFETY INSTRUCTIONS	7
DEVICE INSTALLATION	8
ELECTRICAL CONNECTION	8
STRUCTURE AND COMPONENTS	9
INITIAL START-UP	9
OPERATION – SETTINGS	10
CLEANING	12
MAINTENANCE	12
TAKING COOLING CABINET OUT OF OPERATION / STORAGE / TRANSPORT	12
WIRING DIAGRAM	13
EXPLODED VIEW	14
EXPLODED VIEW - LEGEND	15
PACKAGING DISPOSAL	17
DEVICE DISPOSAL	17

Dear Customer,

Congratulations on your new SARO microwave oven.

The product you have purchased has been designed for commercial use in restaurants, hotels, cafés, canteens, and supermarkets. The microwave is particularly suitable for heating food.

Please read this operating manual carefully before putting the appliance into operation.

We wish you much enjoyment with your new SARO product.

SCOPE OF DELIVERY

- 1 combination microwave oven with turntable
- 1 operating manual

STANDARDS AND DIRECTIVES

The appliance complies with the current EU standards and directives:

Low Voltage Directive – LVD 2014/35/EU,

Electromagnetic Compatibility Directive – EMC 2014/30/EU,

RoHS Directives 2011/65/EU and 2015/863/EU.

The materials in contact with food (glass turntable, grill rack) comply with:

Regulation (EC) No. 1935/2004 (European regulation on materials intended to come into contact with food),
and LFGB §§ 30, 31 (German Food, Commodities and Feed Act).

The corresponding Declaration of Conformity can be provided upon request.

TECHNICAL OVERVIEW

Combination Microwave oven					
Model		WD 900 U			
Item No.		288-1005			
Material		Interior: Stainless steel Exterior: Silver galvanized steel			
Dimensions (external)		W 483 x D 434 x H 281 mm			
Dimensions (internal)		W 340 x D 363 x H 197 mm			
Weight (net/gross)		14 / 15,5 kg			
Capacity		25 litres			
Turntable diameter		270 mm			
Power supply preparation		Ready-to-plug with Schuko plug			
Connection		230 V / 1 Ph / 50 Hz / 1,4 kW			
Standby mode		0,5 W			
Operating frequency		2450 MHz			
Microwave power		0,9 kW			
Grill power		1 kW			
Control knob: TIMER		Adjustable up to 30 minutes, acoustic signal after time expires			
Control knob: FUNCTIONS 9 adjustable power levels		Microwave: Low approx. 160 W			
		Defrost approx. 320 W			
		Med approx. 520 W			
		M. High approx. 730 W			
		High approx. 900 W			
		Grill functions: Grill approx. 1000 W			
		Combination levels Combi 1 to 3		Microwave power combined with grill function	
		Program	Microwave time	Grill time	Suitable for
		Combi 1	30 %	70 %	Fish, potatoes, gratin
		Combi 2	49 %	51 %	Pudding, omelets, baked dishes
		Combi 3	67 %	33 %	Poultry
GTIN [EAN-Code]		4017337071685			

SYMBOL EXPLANATIONS



WARNUNG!

Dieses Symbol kennzeichnet Gefahren, die zu Verletzungen führen können. Halten Sie die angegebenen Hinweise zur Arbeitssicherheit unbedingt genau ein und verhalten Sie sich in diesen Fällen besonders vorsichtig.



WARNUNG: GEFAHR DURCH ELEKTRISCHEN STROM!

Dieses Symbol macht auf gefährliche Situationen durch elektrischen Strom aufmerksam. Bei Nichtbeachten der Sicherheitshinweise besteht Verletzungs- oder Lebensgefahr!



WARNUNG: HEISSE OBERFLÄCHE - VERBRENNUNGSGEFAHR

Dieses Symbol weist auf die heiße Oberfläche des Gerätes, während des Betriebes und danach hin. Verbrennungsgefahr bei Nichtbeachten!



WARNUNG: FEUERGEFÄHRLICHE STOFFE - VERBRENNUNGSGEFAHR

Dieses Symbol weist darauf hin, dass Gefahren aufgrund von feuergefährlichen Stoffen für Leben und Gesundheit von Personen bestehen. Verbrennungsgefahr bei Nichtbeachten!

WARNING!!

This symbol indicates hazards that may cause injuries. Always follow the specified safety instructions precisely and exercise extra caution in these situations.

WARNING: DANGER OF ELECTRIC SHOCK!

This symbol warns of hazardous situations caused by electric current. Failure to follow the safety instructions may result in injury or death!

WARNING: HOT SURFACE - RISK OF BURNS

This symbol indicates the hot surface of the device during and after operation. Risk of burns if not observed!

WARNING: FLAMMABLE SUBSTANCES - RISK OF BURNS

This symbol indicates that flammable substances pose a danger to life and health. Risk of burns if not observed!

GENERAL INSTRUCTIONS

- Keep this operating manual handy near the appliance.
- The manufacturer/dealer cannot be held responsible for any damage resulting from failure to follow this manual.
- Failure to follow this manual will void the safety of the appliance.
- If the appliance is passed on to third parties, this operating manual must be included.
- This appliance must not be operated by children or persons with reduced physical, sensory, or mental capabilities, as they may not recognize the hazards of using electrical and/or refrigeration appliances, which could lead to accidents, fire, explosions, or property damage.
- After unpacking the appliance, make sure everything is in perfect condition. If you discover any damage, do not connect the appliance to the power supply; instead, contact your dealer.
- Check whether all components listed in the scope of delivery are present. If not, contact your dealer.
- Keep the appliance packaging. Only in its original packaging can the appliance be transported safely (e.g. for repair purposes, during relocation, etc.). Please note that all packaging components (plastic bags, cardboard, styrofoam parts, etc.) can be dangerous for children and must not be stored within their reach.
- If storing the packaging is not possible, separate the different packaging materials and take them to the nearest collection point for proper disposal.
- Do not use the appliance outdoors in the rain or in damp rooms.
- Do not operate the appliance unattended.
- Observe applicable accident prevention regulations and general safety standards for the area of use.
- Install the appliance in a dry, well-ventilated location on a level, stable surface.
- Ensure at least 10 cm of clearance between the rear of the display cabinet and the wall. Otherwise, the required cooling performance cannot be guaranteed.
- Ventilation slots must always be kept clear and must not be covered or obstructed.
- Before commissioning, observe the recommended ambient temperatures (climate class) for optimal cooling performance.
- Before connecting to the power supply and before commissioning, clean the appliance thoroughly as described under "Cleaning."
- Before connecting the appliance, make sure that a grounded socket (Schuko) with 230 volts is available and that this matches the information on the rating plate. Power sources other than those indicated on the rating plate may cause overheating or defects in the appliance.
- Do not drill or pierce holes in the interior or exterior of the appliance, as this could damage the system.
- The manufacturer/dealer cannot be held responsible for any damage resulting from failure to follow this manual. The safety of the appliance will also no longer be guaranteed.
- In the event of a malfunction/failure, disconnect the appliance from the power supply and contact your dealer. Repairs will be carried out with original spare parts by or on behalf of the dealer.
- Dishes made of metal are not suitable for use in the microwave oven. Use only microwave-safe cookware.
- Arrange the food carefully. Place larger portions toward the outer edge of the dish.
- To achieve even cooking results, stir or turn the food, or rearrange it during the cooking process. If recommended, allow the food to stand in the microwave for a while after cooking or defrosting.
- Cover the food during cooking. Covers prevent splattering and help ensure even cooking.
- Observe the usual hygiene standards for food preparation when cooking with a microwave oven (storage, handling, preparation). Store ready-made meals as recommended by the manufacturer and do not use them after the expiry date.

SAFETY INSTRUCTIONS

- Incorrect operation and improper handling may cause malfunctions of the appliance and injuries to the user.
- Observe the accident prevention regulations and general safety provisions applicable to the area of use.
- Ensure that the appliance is placed securely on a dry, stable, non-slip surface capable of supporting its weight, and in a well-ventilated location.
- Do not expose the appliance to direct sunlight, do not place it near other heat sources (such as heaters, stoves, ovens, or open flames), and do not place it on a hot surface.
- Do not store flammable or explosive materials near the appliance.
- Do not use flammable substances (such as paint or spray) near the appliance. This may result in fire or explosion.
- The appliance requires sufficient space for proper air circulation.
- Do not place heavy objects, loads, or liquids on top of the appliance.
- Ensure that the air inlet and outlet openings of the appliance are always free from obstructions or contamination. Check them regularly and remove any dust deposits using a vacuum cleaner.
- Do not block or cover the ventilation openings.
- Before connecting the appliance to the power supply, check that the type of current and voltage correspond to the specifications on the rating plate. Operation is only permitted when they match, to avoid accidents or damage.
- Do not use adapters, multi-socket outlets, or extension cords; overheating of cables and wires may occur, especially if other devices are connected as well. This increases the risk of fire.
- Do not move the appliance while it is in operation.
- Before moving the appliance, switch it off (if an on/off switch is provided) and unplug it from the power socket.
- Always unplug the power cord by pulling on the plug housing, not the cable itself.
- Make sure the appliance does not tip over when being moved, as this could cause injury.
- After a power failure or if the plug has been briefly removed, switch off the appliance, wait for 5 minutes, then plug it back in and restart it.
- Do not let the power cord hang over sharp edges, do not crush it, and keep it away from hot surfaces and open flames.
- Always use oven mitts or potholders when removing food from the appliance.
- Ensure that the power cord cannot be pulled accidentally or cause someone to trip over it.
- Check the power cord regularly. If it is damaged, for example due to crushing, it must be replaced by a qualified technician.
- Do not touch the appliance, power cord, or plug with wet or damp hands.
- Caution! The appliance remains live as long as it is connected to the power supply.
- Protect the appliance from moisture.
- Do not clean the appliance with a direct water jet.
- The appliance must not be immersed in water or any other liquids, nor should it be splashed with liquids.
- If the appliance does become wet, unplug it immediately and have it checked by a qualified technician before using it again. There is a risk of electric shock.
- Do not use the appliance if it is damaged! In such a case, disconnect it from the power supply and contact your dealer.
- Never attempt to open or repair the appliance yourself. There is a risk of fatal electric shock!
- Do not drill or puncture any holes in the appliance, neither from the outside nor inside the cavity.
- Do not install or attach any other devices or foreign objects to the microwave oven.
- Repairs must be carried out by qualified technicians using original spare parts.
- Always disconnect the appliance from the power supply before cleaning and also when it is not in use for an extended period.
- For hygienic reasons, it is recommended to clean the appliance at least once a day, and additionally if necessary during operation.
- Remove all closures and lids from jars or other containers before heating food in them. Failure to do so may cause heat and pressure to build up inside the sealed container, which can lead to an explosion. Extra caution should be taken when heating baby food.
- Foods with a high fat or sugar content require shorter cooking times and should be monitored continuously during heating. Overheating may cause fire.

DEVICE INSTALLATION

Place the appliance in a dry and well-ventilated room. Ensure a stable position on a dry, slip-resistant surface.

Position the appliance at least 10 cm away from the wall at the back to allow sufficient air circulation at all times. Leave at least 30 cm of space above the appliance and 10 cm on each side.

Ensure that the power plug is always easily accessible and can be disconnected from the mains without difficulty.

ELECTRICAL CONNECTION

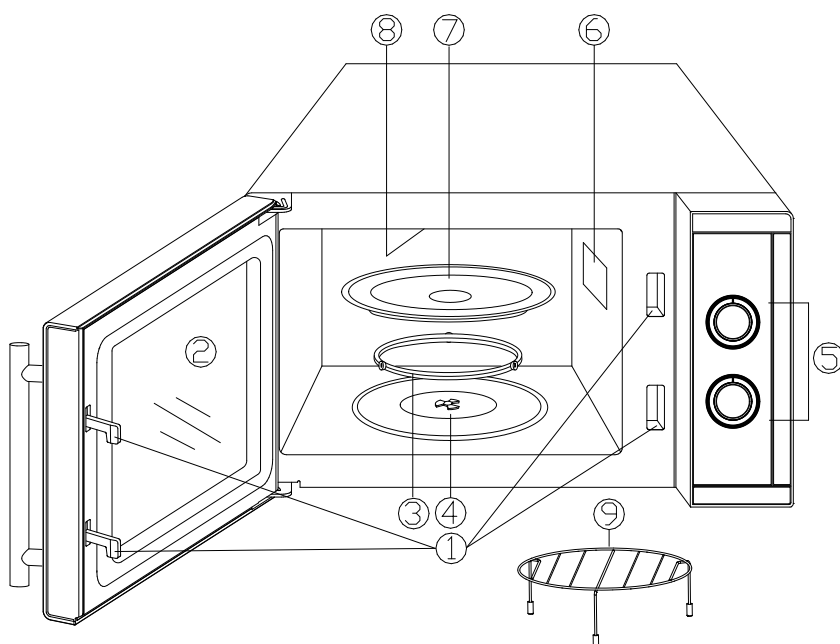
Before connecting the appliance, make sure that the voltage and frequency of the power supply correspond to the specifications on the rating plate!

Using any other voltage may cause the appliance to overheat!!!

Connect the appliance only to a grounded socket with a protective contact and a 230-volt power supply.

After a power failure or if the appliance has been disconnected from the power supply, wait at least 5 minutes before reconnecting and operating it again!

STRUCTURE AND COMPONENTS



1. Door safety locking system
2. Oven window
3. Rotating ring
4. Drive shaft
5. Control panel
6. Wave guide
(Do not remove the cover over the waveguide)
7. Turntable
8. Grill heating element
9. Metal rack

INITIAL START-UP

Before first use:

Unpack the appliance, check it for completeness, and set it up (see *Installation*). Clean the appliance (see *Cleaning*). Connect the cleaned refrigeration unit (see *Electrical connection*) to a 230 V socket.

OPERATION – SETTINGS

1. Control Panel

- The control panel features a power level selector and a timer knob
- Cooking starts when the timer knob is turned
- After opening the door, reset the timer to „0“

2. Basic Operation

- Place the food in the center of the glass turntable
- Select the desired power level
- Set the cooking time – process starts automatically

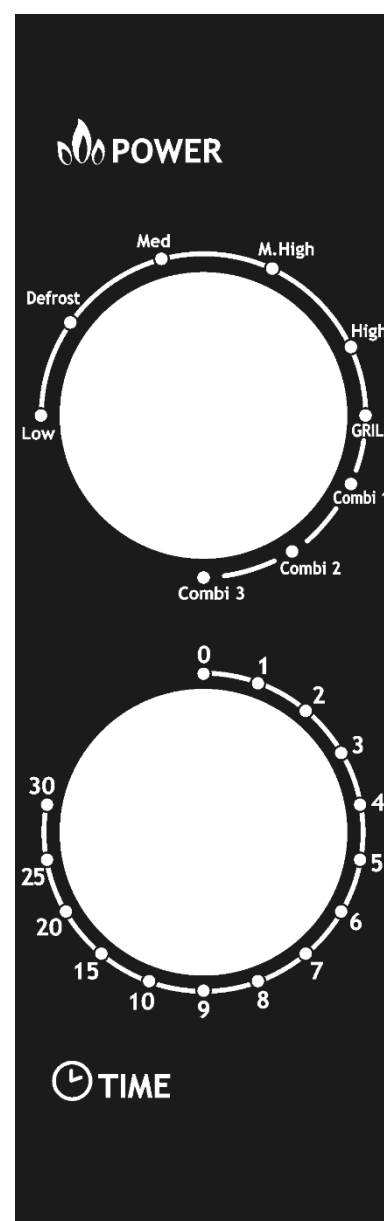
⚠ Important

- If you remove the food before the timer ends: turn the timer back to „0“
- Minimum timer setting: turn past 2 minutes first, then back to the desired time (technical protection)

3. Programs

- Microwave mode – for fast heating
- Grill mode – for top browning
- Combination programs – for simultaneous cooking

Setting	Meaning	Typical Use
LOW (18% power)	Low microwave	To melt butter or chocolate
DEFROST (36% power)	Defrost	Frozen foods
MED (58% power)	Medium	General reheating
M.HIGH (81% power)	High microwave	Vegetables, beverages
HIGH (100% power)	Maximum microwave	Quick heating
GRILL	Grill without microwave	Gratinating, browning
COMBI 1 (30% MW / 70% Grill)	Grill-focused	Fish, gratin
COMBI 2 (49% MW / 51% Grill)	Balanced	Pudding, Omelet
COMBI 3 (67% MW / 33% Grill)	More microwave	Poultry



4. Grill function

For browning and meat preparation.

- Select the grill mode
- Set the desired time
- Be cautious with greasy foods – may cause splattering
- Use only suitable grill accessories (metal rack allowed only for grilling)

5. Combination Mode

For crispy combining microwave + grill.

Recommended use:

- Comb1: Fish, potatoes, casseroles
- Comb2: Pudding, omelet, fried potatoes
- Comb3: Poultry

6. Defrosting

- Use the DEFROST setting
- Ensure even thawing: turn or loosen food during the process
- Do not defrost poultry with giblets inside – risk of bacterial growth

7. Suitable Cookware

Allowed:

- Glass, ceramic, microwave – safe plastic
- Metal rack only during grill operation
- Round or oval dishes preferred for even heating

Not allowed:

- No metal during microwave operation
- No recycled paper (risk of sparking)
- No aluminum foil

CLEANING

- Before cleaning the microwave oven, unplug it from the power socket.
- Clean the microwave carefully with a damp, warm cloth and a mild household detergent (wring out excess water from the cloth).
- Regularly clean the areas between the door and the appliance.
- Occasionally clean the turntable and the grill rack with hot water.
- Always dry all parts thoroughly with a soft cloth.

CAUTION: Do not use sharp objects or abrasive, ammonia-based, or acidic cleaning agents.

MAINTENANCE

The device requires very little maintenance. Approximately every 2 months, check the ventilation slots for dirt. Brush them off with a soft brush while simultaneously removing the dirt with a vacuum cleaner.

TAKING COOLING CABINET OUT OF OPERATION / STORAGE / TRANSPORT

Remove all food and dishes from the microwave oven.

Switch off the appliance and unplug it from the power socket.

Clean the appliance thoroughly inside and outside. Make sure no food residues or grease remain in the cooking chamber, on the door, or on the seals. Leave the door open after cleaning to allow the appliance to dry completely.

If the microwave will not be used for an extended period, store it in a dry, dust-free, and cool place.

Ideally, cover the appliance or use the original packaging to protect it from dust and damage.

Ensure that the microwave is secured so that children or pets cannot climb inside or become trapped.

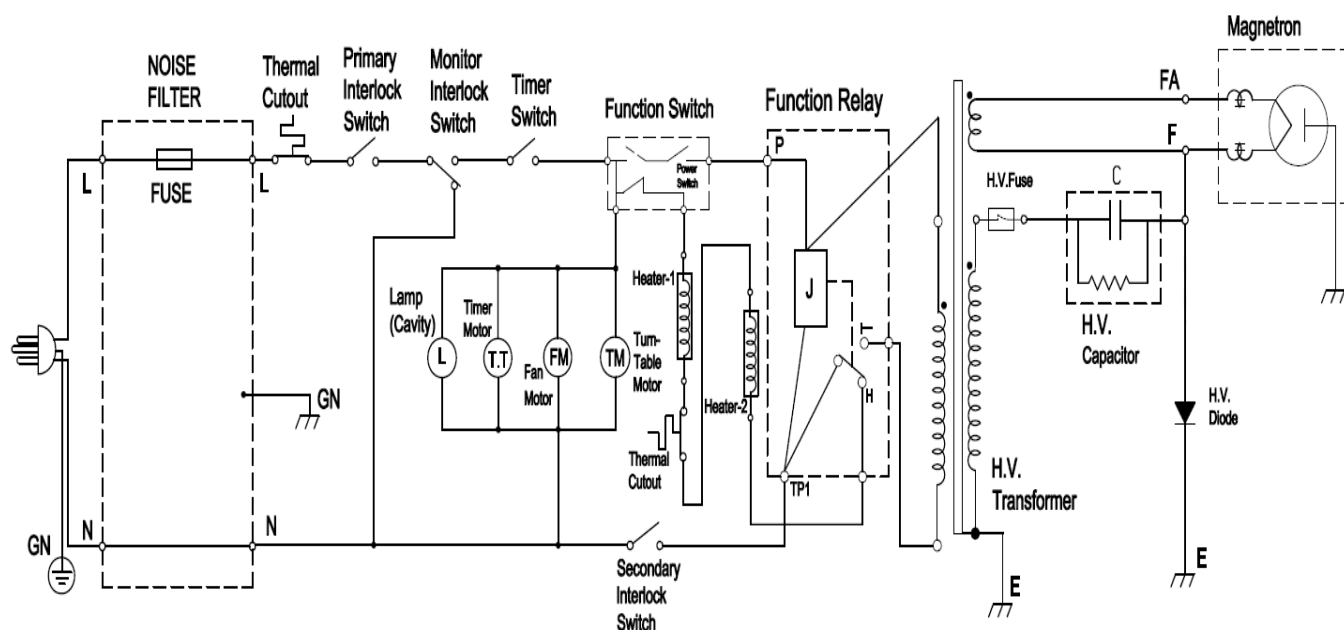
If you are storing only the packaging materials, ensure that plastic bags, styrofoam parts, or cardboard boxes are kept out of reach of children — there is a risk of suffocation.

For transport, use the original packaging whenever possible to optimally protect the appliance against shocks, scratches, and weather influences.

Avoid strong vibrations and do not tilt the appliance more than 45 degrees. Do not expose it to moisture or rain.

After transport, the microwave can be put back into operation immediately, provided there is no visible damage.

WIRING DIAGRAM



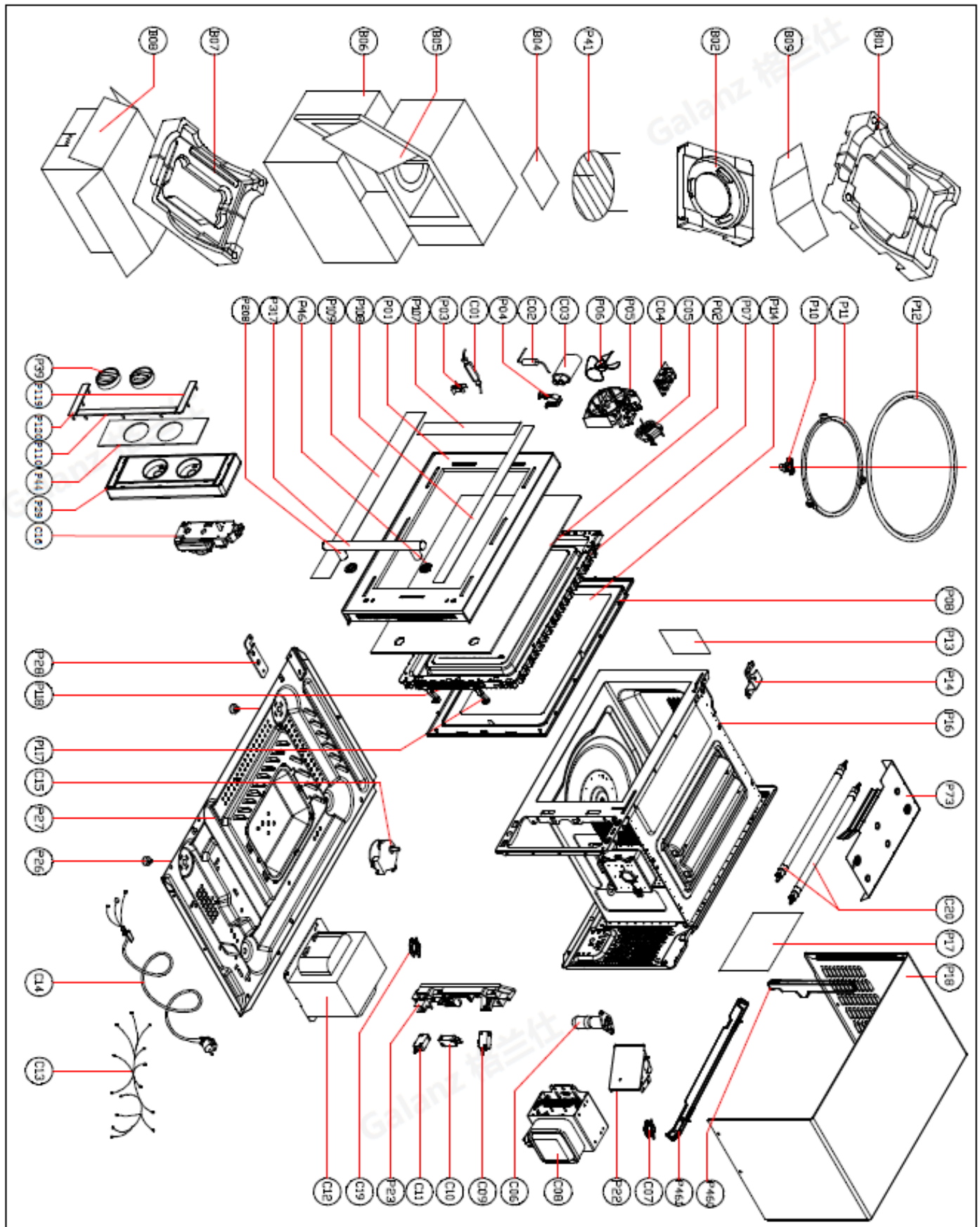
Englischer Begriff

Noise Filter
Fuse
Thermal Cutout
Primary Interlock Switch
Monitor Interlock Switch
Timer Switch
Function Switch
Power Switch
Function Relay
Lamp (Cavity)
Timer Motor (T.T.)
Fan Motor (FM)
Turntable Motor (TM)
Heater-1 / Heater-2
Secondary Interlock Switch
TP1
H.V. Transformer
H.V. Fuse
H.V. Capacitor
H.V. Diode
Magnetron
FA / F
GN
E

Deutsche Übersetzung

Entstörfilter
Sicherung
Thermosicherung
Primärer Türkontaktschalter
Überwachungsschalter
Zeitschalter
Funktionsschalter
Netzschalter
Funktionsrelais
Lampe (Garraum)
Zeitschaltuhr-Motor
Lüftermotor
Drehteller-Motor
Heizelement 1 / Heizelement 2
Sekundärer Türkontaktschalter
Testpunkt 1
Hochspannungstransformator
Hochspannungssicherung
Hochspannungskondensator
Hochspannungsdiode
Magnetron
Anschlüsse des Magnetrons
Erdung
Masse (Erdungssymbol)

EXPLODED VIEW



EXPLODED VIEW - LEGEND

P01	Door frame	Türrahmen
P02	Door window board	Türfensterplatte
P03	Fuse socket	Sicherungshalter
P04	Capacitor holder	Kondensatorhalter
P05	Fan bracket	Lüfterhalterung
P06	Fan blade	Lüfterflügel
P07	Door plate	Türplatte
P08	Shielding board	Abschirmplatte
P10	Connector	Mitnehmer für Drehteller
P11	Roller ring	Drehring
P12	Glass turntable	Glasteller
P13	Splash shield mica sheer	Spritzschutz (Glimmerplatte)
P14	Upper hinge	Oberes Scharnier
P16	Cavity	Garraum
P17	Rear nameplate	Typenschild hinten
P18	Outer enclosure	Außengehäuse
P22	Air duct bracket	Luftkanalhalterung
P23	Switch mount	Schalterhalterung
P26	Foot	Fuß
P27	Base plate	Bodenplatte
P28	Lower hinge	Unteres Scharnier
P29	Face board	Bedienblende
P39	Knob	Drehknopf
P41	Metal rack	Metallrost
P44	Face board top	Bedienfolie
P46	Handle decoration	Griffabdeckung
P73	Heat shield	Hitzeschild
P107	Left frame pad	Linke Zierblende
P108	Door frame pad	Obere Zierblende
P109	Lower frame pad	Untere Zierblende
P110	Right pad	Rechte Zierblende
P114	Inlaid	Einlage
P117	Door hinge	Türhaken
P118	Door hinge spring	Türhakenfeder
P119	Face board pad	Obere Bedienzierblende
P120	Lower pad	Untere Bedienzierblende
P208	Handle foot	Griffabstandhalter
P317	Pommel	Griff
P460	Insulated strip A	Isolierstreifen A
P461	Insulated strip B	Isolierstreifen B
C01	H.V. fuse	Hochspannungssicherung
C02	H.V. diode	Hochspannungsdiode
C03	H.V. capacitor	Hochspannungskondensator
C04	Noisefilter	Entstörfilter
C05	Fan motor	Lüftermotor

C06	Lamp	Lampe
C07	Thermostat 1	Thermostat 1
C08	Magnetron	Magnetron
C09	Microswitch	Mikroschalter
C10	Microswitch	Mikroschalter
C11	Microswitch	Mikroschalter
C12	H.V. transformer	Hochspannungstransformator
C13	Wiring harness	Kabelbaum
C14	Power cord	Zuleitung mit Stecker
C15	Turntable motor	Drehtellermotor
C16	Timer	Timer
C19	Thermostat	Thermostat
C20	Quartz tube / heater	Quarzhöhre / Heizelement

PACKAGING DISPOSAL



Please separate the packaging materials accordingly and take them to the appropriate collection points for recycling and environmental protection.

DEVICE DISPOSAL



Once the appliance has reached the end of its life, please dispose of it properly at a designated collection point for electrical devices.

Electrical appliances do not belong in household waste.

Your local authority can provide information on the locations and opening hours of disposal sites.

This is the only way to ensure that old appliances are disposed of and recycled correctly.

Thank you!

Made in P.R.C for: