



370160



370162



370161



370163

ENGLISH

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Read this instruction manual before using and keep them available at all times!

This instruction manual contains information about the installation, operation and maintenance of the device and should be consulted as an important source of information and reference guide.

Awareness of the safety instructions and instructions for use in this manual will ensure the safe and correct use of the device.

In addition to the information given here, you should comply with any local Health and safety Controls and generally applicable safety regulations.

The instruction manual forms part of the product and should be kept near the device and easily accessible for anyone carrying out the installation, servicing, maintenance or cleaning.

Please keep these instructions and give them to future owners of the device.

1. Safety

This device is designed in accordance with the presently applicable technological standards. However, the device can pose a danger if handled improperly and inappropriately.

All persons using the device must follow the recommendations and instructions in this instruction manual.

1.1 Safety instructions

- The device is not intended for use by individuals (including children) with physical or mental disabilities, insufficient experience, and/or insufficient knowledge unless such persons are under the care of a person responsible for their safety or have received instructions regarding appropriate use of the device.
- Children should be observed to ensure that they are not playing with the device.
- **Never** leave the device unattended when in use.
- Only use the device indoors.
- The device is not adapted for use with an external timer or remote control.

- This device may only be operated in technically proper and safe condition.
- Prevent access of children to the package materials like plastic bags and foamed polystyrene elements. **Suffocation hazard!**
- Only a qualified technician and using original spare parts and accessories should carry out repairs and maintenance of the device. **Do not attempt to repair the device yourself.**
- Do not use any accessory or spare parts that have not been recommended by the manufacturer. These can be dangerous for the user or lead to damages of the device or personal injury, and further, the warranty expires.
- To prevent hazards and to ensure optimum efficiency, no modifications or alterations to the device that are not explicitly approved by the manufacturer may be undertaken.



DANGER! Electric shock hazard!

To avoid the hazard results please follow the safety instructions below.

- Never allow the power cable to come into contact with heat sources or sharp edges. The power cable should not hang over the side of the working surface. Ensure that no one can step on or trip over the cable.
- The power cable must not be folded, bent or tangled, and must always remain fully unrolled. Never place the device or other objects on the power cable.
- Do not lay the power cable over carpets or other inflammable materials. Do not cover the cable. Keep away the cable from operating range and do not immerse it into water.
- Check the power cord regularly for damage. Do not use the appliance if the power cord is damaged. If this cable is damaged, it must be replaced by customer service or a qualified electrician in order to avoid dangers.

- The supply cable must be disconnected from the socket only by pulling the plug.
- Never carry or lift the device by the supply cable.
- In any case do not open the device housing. In case of electrical or mechanical modifications the **electric shock hazard** will occur.
- Never immerse the appliance, the power cord and the power plug in water or other liquids; do not put it under running water and clean any parts of the appliance in the in the dishwasher.
- Do not use any acid agents and make sure no water ingresses the device.
- **Never** operate the device with moist hands or standing on wet floor.
- Remove the plug from its socket:
 - when the device is not used,
 - in case of anomalies during operation,
 - before cleaning.



HOT SURFACE! Burn hazard!

Follow the safety instructions listed in order to avoid the hazard:

- The heating plates and external surfaces of the device become very hot during the operation. In order to avoid burns never touch those surfaces with bare hands and use only handles and temperature controller knob during the operation.
- Touching of hot baked food with bare fingers or hands may cause burns. Hot baked food should be removed only with use of wooden or plastic paddle resistant to high temperature.
- The device remains hot also for some time after turning off, so before cleaning or moving the device wait until it cools down.
- **Never** move the device during work.



WARNING! Fire or explosion hazard!

Follow the safety instructions listed in order to avoid the hazard:

- To avoid the fire hazard and the damages of the device **never** place the kitchen utensils, towels, paper, etc. on the heating plates.
- **Never** operate the device near combustible, easily flammable materials (e.g. petrol, spirit, alcohol etc.). They evaporate through heating and in case of contact with ignition sources deflagrations can occur which can lead to serious personal injuries and property damages.
- When a fire arises unplug the power cord from the socket before you initiate appropriate measures for fire-fighting. Provide sufficient supply of fresh air.

Caution: Never extinguish the fire with water when the power plug is connected to the socket. **Electric shock hazard!**

1.2 Key to symbols

In this manual, symbols are used to highlight important safety instructions and any advice relating to the device. The instructions should be followed very carefully to avoid any risk of accident, personal injury or material damage.



WARNING!

This symbol highlights hazards which could lead to injury.



WARNING!

This symbol highlights dangerous situations which could lead to injury or death.



HOT SURFACE!

This symbol is a warning that the device surface is hot when in use. Ignoring this warning may result in burns!



CAUTION!

This symbol highlights dangerous situations which could lead to light injuries, or damage, malfunction, and/or destruction of the device.



NOTE!

This symbol highlights recommendations and information aimed for effective and trouble-free device operation.

1.3 Proper use



CAUTION!

This device has been designed and built for commercial use only and should be operated by qualified personnel only.

The operational safety of the device is assured only in case of proper use, according to the operation manual.

All technical activities like installation and maintenance must be performed by the qualified service personnel only.

The waffle griddle is intended only for **baking of products from flour and potato flour.**



CAUTION!

Any use going beyond the intended purpose and/or any different use of the device is forbidden and is not considered as conventional.

Any claims against the manufacturer or his authorized representative as a consequence of experiencing damages resulting from unconventional use are impossible.

The operator is liable for all damages resulting from inappropriate use.

2. General information

2.1 Liability and Warrantees

All the information and instructions in this manual take into account standard safety regulations, current levels of technical engineering as well as the expertise and experience we have developed over the years.

The instruction manual was translated with all due care and attention. However, we do not accept liability for any translation errors. The German version of this instruction manual is definitive.

If the delivery consists of a special model, the actual scope of delivery may differ from the descriptions and illustrations in this manual. This is also the case for special orders or when the device has been modified in line with new technology.



CAUTION!

Read this manual carefully and thoroughly before any operation of the device, and especially before turning it on!

Manufacturer **is not liable** for any damages or faults caused by:

- violation of advice concerning operation and cleaning;
- use other than designed;
- alterations made by user;
- use of inadequate spare parts.

We reserve the right to make technical changes for purposes of developing and improving the useful properties.

2.2 Copyright protection

The instruction manual including any texts, drawings, images or other illustrations is copyright. No part of this publication may be reproduced, transmitted or used in any form or by any means without permission in writing from the manufacturer. Any person who commits any unauthorized act in relation to this publication shall be liable to claims for damages. All rights reserved.



NOTE!

The contents, texts, drawings, pictures and any other illustrations are copyright and subject to other protection rights. Any person unlawfully using this publication is liable to criminal prosecution.

2.3 Declaration of conformity



The device complies with the current standards and directives of the EU. We certify this in the EC declaration of conformity. If required we will be glad to send you the according declaration of conformity.

3. Transport, packaging and storage

3.1 Delivery check

Please check the delivery upon completeness and transport damage immediately after receipt. In case of visible damage do not accept or accept the delivery with reservation only.

Note the extent of damage on the carrier's bill of delivery. Trigger off the complaint.

Hidden damages should be reclaimed immediately after notice, as claims for damages can only be asserted within the effective period for complaints.

3.2 Packaging

Please do not throw away the covering carton of your device as it might be useful for storage purposes, when moving or, in case of damages, when the device must be sent back to a repair center. The outer and inner packing material should be removed completely from the device before installation.



NOTE!

If you liked to dispose the packing, consider the regulations applicable in your country. Supply re-usable packing materials to the recycling.

Please inspect the device upon completeness. In case any part is missing please contact our customer service center immediately.

3.3 Storage

Keep the package closed until installation and under consideration of the outside indicated positioning- and storage markings.

Packages should be stored under consideration of the following:

- Do not store outdoors.
- Keep it dry and dust-free.
- Do not expose it to aggressive media.
- Do not expose it to direct sunlight.
- Avoid mechanical shocks and vibration.
- In case of longer storage (> 3 months) make sure you check the state of the packaging and the parts regularly.
If required refresh or renew.

4. Technical data

4.1 Technical specification

Name	Waffle maker	
	Heating plate heart shape	Heating plate Brussels
Code-no.:	370160	370162
Material/realization:	housing: stainless steel, heating plates from cast iron, fixed permanently	
Power supply:	2.2 kW / 230 V 50/60 Hz	
Temperature range:	0 °C – 300 °C	
Dimensions:	W 285 x D 360 x H 230 mm	W 285 x D 360 x H 255 mm
Waffle size:	Ø 210 mm, H 16 mm	W 160 x D 100 x H 32 mm
Weight:	15.5 kg	23.5 kg
Equipment:	1 cleaning brush	

Name	Double waffle maker	
	Heating plates heart shape	Heating plates Brussels
Code-no.:	370161	370163
Material/realization:	housing: stainless steel, heating plates from cast iron, fixed permanently	
Power supply:	2 x 2.2 kW / 230 V 50/60 Hz	
Temperature range:	0 °C – 300 °C	
Dimensions:	W 600 x D 360 x H 230 mm	W 600 x D 360 x H 255 mm
Waffle size:	Ø 210 mm, H 16 mm	W 160 x D 100 x H 32 mm
Weight:	31.5 kg	45.5 kg
Equipment:	1 cleaning brush	

We reserve the right to make technical changes!

4.2 Overview of parts

370160 / 370162



- 1 Upper heating plate handle
- 2 Upper heating plate
- 3 Lower heating plate
- 4 Housing
- 5 Temperature controller knob
- 6 Operation indicator (orange)

370161 / 370163



- 1 Upper heating plate handle
- 2 Upper heating plate
- 3 Lower heating plate
- 4 Housing
- 5 Temperature controller knob
- 6 Operation indicator (orange)

5. Installation and operation

5.1 Installation



CAUTION!

The installation and maintenance of the appliance should only be carried out by trained personnel!

Positioning

- Unpack the device and dispose of all packing material.
- Remove the protective foil from the device. Remove the glue residuals with use of appropriate solvent.



CAUTION!

Never remove the rating plate and any warning signs from the device.

- Place the device on top of an even, stable, dry, and water-resistant surface which supports the weight of the device and is not heat sensitive.
- **Never** place the device in humid or wet environment.
- **Never** place the device on the flammable surfaces.
- **Never** place the device near flammable materials.
- The operating surface must be easily accessible and large enough. In order to assure comfortable operation and proper air circulation leave at least 20 cm of space on the sides and back and 50 cm on the front and top.
- Position the device in such way that the plug is easily accessible for quick disconnecting when required.

Connection



DANGER! Electric shock hazard!

The device can cause injuries due to improper installation! Before installation and connecting the local power grid specification should be compared with that of the device (see rating plate). Connect the device only in case of compliance! Connect the device only to properly installed single socket with protective terminal.

- The double griddle requires two separate power outlets.
- The electrical circuit in the socket must be secured to at least 16A. Only connect the device directly to the wall socket; do not use any extension cords or power strips.

5.2 Operation

Before operation

- Before the device operation clean it according to the instructions in section **6 “Cleaning”**.
- Before the first use heat the device **without dough** and leave it opened for approx. 1 hour with temperature set to 180 °C – 200 °C (section **“Starting and initial heating of the device”**). Due to the technological residuals smoke may be emitted during heating. However, it is not dangerous for the user nor indicates any device damage. That smoke will not be released during further operation. Assure good ventilation in the room during the first heating.
- Moisten the heating plates with food oil three or four times. In that way the pores in the cast iron plates will be closed and special coating will be formed.

Starting and initial heating of the device

- Prepare the waffle dough according to owned recipe or our proposal (section **“Hints and advices”**).
- Close the upper heating plate with use of handle.
- Connect the device to the single correctly installed socket.
- Set required temperature (up to 300 °C). The orange indicator will come on which indicates heating of the device.

- Each heating plate of the double waffle maker has its own temperature controller which allows for their different settings and independent use.
- The optimum temperature for making waffles is in range 200 °C to 250 °C.



NOTE!

To achieve good results always heat the device to required temperature before baking the waffles.

- After reaching the preset temperature the orange indicator goes off and baking may be started.



HOT SURFACE! Burn hazard!

The heating plates and external surfaces of the device become very hot during the operation. In order to avoid burns never touch those surfaces and use only handles and operational elements (temperature controller knob).

Waffle baking

- Open the heated device with use of handle and make sure that the upper plate is opened up to the limit.
- Pour the prepared dough on the lower heating plate with use of ladle or spoon, starting from the centre and uniformly spreading towards the edges. Pay attention to dough amount, its excess may be pushed out during baking.
- Close the device and use the handle to press the upper heating plate down to spread the dough uniformly.
- Depending on required colour bake for approx. 2-3 minutes.
- Using the handle open the device and carefully remove the prepared waffle.



WARNING! Burn hazard!

Touching of hot baked food with bare fingers or hands may cause burns. Hot baked food should be removed only with use of wooden or plastic paddle resistant to high temperature.

- **Never** use sharp, spiked or metal tools which may damage the coating of the heating plates.
- Put the prepared waffles on the grill for cooling down.
- After removing the waffle the device may be immediately refilled with dough. Make planned number of waffles according to the description above.
- After finishing set the temperature controller to position “0” and disconnect the device from the power supply (pull the plug!).

Hints and advices

- Leave dough and other waffle ingredients at room temperature for a short time before preparing waffles.
- Sifted flour will produce fluffier waffles.
- Separate egg yolks from whites. Add yolks to dough first. Whisk the whites, then delicately add the foam without further mixing. This will help make the waffles fluffier.
- Do not melt butter at overly high temperatures. Add to the dough after it has cooled slightly.
- Mineral water can be used instead of milk. This will reduce the amount of baking powder needed because of the carbon dioxide content of mineral water.
- Leave dough out for at least 30 min. before beginning to bake. Use all the dough at once, and do not store for longer periods of time.
- Nuts, raisins and other additives should be added to the dough at the very end.
- Waffles taste best when fresh from the waffle maker. They can be served with powdered sugar, honey, syrup, ice cream, etc.
- For crispy waffles, place them next to each other on a cooling grate. Stacking waffles may cause them to go soft.
- Finished, cooled waffles can be frozen. To prevent sticking, place baking paper between them, then freeze in bags or appropriate containers.
- Remove the waffles from the freezer and leave to defrost at room temperature. Heat them before serving in an oven at 100 °C. Place them in a container with a cover or wrap in aluminum foil to prevent them from drying out.

Recipe for crispy waffles (approx. 10 waffles)

500 g flour

300 g sugar

400 g butter

6 eggs

2 pack. vanilla sugar

½ tsp. baking powder or baking soda

pinch salt

Mix the flour, baking powder (or baking soda), salt, sugar and vanilla sugar in a bowl, then make a small hole in the middle of the mixture.

Melt the butter and mix with eggs. Then pour into the middle of the mixture and mix until the dough is smooth.

Leave the dough out for at least 30 minutes before cooking.

Bake waffles at 200 °C for around 2 - 3 minutes.

6. Cleaning



WARNING!

Disconnect the device from the power supply (unplug!) before cleaning. Let the device cool down.

The device is not designed to be rinsed with running water.

Do not use a pressure washer to clean the device!

Be careful and do not let the water into the device.

- Clean the device every day.
- Clean the device dry or only with use of moistened cloth. Make sure that the moisture, oil, or fat do not enter the device.
- remove the baking residuals when they are still **warm** with use of attached cleaning brush.
- **Never** clean the device with use of metal or spiked objects. Keep in mind that scratched heating plates impair the device properties.
- **Never** clean the device with use of rough or abrasive materials, **do not use** scrubbing sponges or abrasive cleaning cloth.

- **Never** wash the device or its elements in the dishwasher.
- Clean the housing with use of soft cloth, water, and gentle washing agent. Then wipe it with clean, soft cloth. Dry the device thoroughly.

Storage of the device

- If the device is not used for a long time, clean it thoroughly as described and store it in a place which is clean, dry, frost-free, protected from the sun and inaccessible for children. Do not place any heavy objects on the device.

7. Possible Malfunctions

Problem	Cause	Solution
The device is connected to the power supply, but the orange indicator is off and the plates do not heat.	<ul style="list-style-type: none"> • Incorrect or missing power supply. • The power supply fuse is blown. 	<ul style="list-style-type: none"> • Check the power supply and cable for damages. • Check fuse, connect device to another socket
The device is connected to the power supply, temperature is set and the orange indicator is on, but the plates do not heat.	<ul style="list-style-type: none"> • Damaged thermostat. • Damaged at least one heater. 	<ul style="list-style-type: none"> • Contact the service company • Contact the service company
The device is connected to the power supply but temperature cannot be set.	<ul style="list-style-type: none"> • Damaged temperature controller. 	<ul style="list-style-type: none"> • Contact the service company
The indicator is off but the plates heat.	<ul style="list-style-type: none"> • Damaged indicator. 	<ul style="list-style-type: none"> • Contact the service company
The waffles are not baked on the upper side.	<ul style="list-style-type: none"> • Insufficient dough amount (it does not touch the upper plate). • The dough insufficiently increases its volume (insufficient baking powder amount). • The upper plate opened for too long cools down too much. 	<ul style="list-style-type: none"> • Pour more dough. • Add more baking powder to dough. • Minimize the waffle maker opening time.

If you cannot remove the malfunctions:

- do not open the body,
- notify the customer service point or contact the sales agent, while providing the following information:
 - type of malfunction;
 - article and serial number (rating plate at the rear of the device).

8. Waste disposal

Discarding old devices

At the end of its service life the discarded device has to be disposed in accordance with the national regulations. It is advisable to contact a company which is specialized in waste disposal, or just contact the local disposal service in your community.



WARNING!

To exclude any abuse and the dangers involved make the waste device unfit for use before disposal. For that purpose disconnect device from mains supply and remove mains connection cable from the device.



CAUTION!



For the disposal of the device please consider and act according to the national and local rules and regulations.