

IK 235Z



105.838

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Bartscher GmbH
Franz-Kleine-Str. 28
D-33154 Salzkotten
Germany

phone: +49 (0) 5258 971-0
fax: +49 (0) 5258 971-120

1. General information

1.1 Information about the instruction manual

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.

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.

Please follow the instructions very carefully and proceed with particular attention in these cases.



WARNING! Electrical hazard!

This symbol draws attention to potential electrical hazards. If you do not follow the safety instructions, you may risk injury or death.



CAUTION!

This symbol highlights instructions, which should be followed to avoid any risk of damage, malfunctioning and/or breakdown of the device.



NOTE!

This symbol highlights tips and information, which have to be followed for an efficient and trouble-free operation of the device.



WARNING! Magnetic field!

Do not open the bottom cover of the device.

1.3 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. If you have any questions, you should contact the manufacturer.



NOTE!

Read the instruction manual carefully before using the device. The manufacturer does not accept liability for any damage or malfunction resulting from not following the instructions for use.

The instruction manual should be kept near the device, easily accessible for anyone wishing to work with or using it. We reserve the right to make technical changes for purposes of developing and improving the useful properties.

1.4 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.

1.5 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.

2. Safety

This section provides an overview of all important safety aspects.

In addition every chapter provides precise safety advice for the prevention of dangers which are highlighted by the use of the above mentioned symbols.

Furthermore, attention should be paid to all pictograms, markers and labels on the device, which must be kept in a permanent state of legibility.

By following all the important safety advice you gain an optimal protection against all hazards as well as the assurance of a safe and trouble-free operation.

2.1 General Information

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

Knowing the contents of the instruction manual as well as avoiding mistakes and thus operating this device safely and in a fault-free manner is very essential to protect yourselves from the hazards.

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.

This device may only be operated in technically proper and safe condition.

2.2 Safety instructions for use of the device

The specifications regarding the industrial safety are based on the Regulations of the European Union applicable at the time of manufacturing the device.

If the device is used commercially, the user is obliged to ensure that the said industrial safety measures concur with the state of the rules and regulations applicable at the time in question for the entire period of use of the device and to comply with the new specifications.

Outside the European Union, the industrial safety laws applicable at the place of installation of the device and the regional territorial provisions must be complied with.

Besides the industrial safety instructions in the instruction manual, the general safety and accident prevention regulations as well as environment protection regulations applicable for area of application of the device must be followed and complied with.



CAUTION!

- 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.
- Preserve this manual safely. When passing on/selling the device to a third party, the manuals must be handed over along with the device.
- Every person using the device must act in accordance to the manuals and under consideration of the safety advice.
- The device is to be used indoors only.

2.3 Intended use

Safe operation is only guaranteed when using the device for its intended purpose.

Any technical interventions, as well as assembly and maintenance are to be made by a qualified customer service only.

The device **is not** designed for use with an external timer or remote control.

The **induction cooker** is designed for **preparation and warming** up of foods using the appropriate crockery.

The **induction cooker** may **not** be used among other things for:

- heating rooms;
- heating and warming inflammable, harmful, volatile or similar liquids or materials;
- heating sealed tins, tin can explode, remove the lid in any case beforehand.



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.

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	Induction cooker IK 235Z
Article No:	105.838
Made of:	stainless steel housing, glass cooking surface
Power levels:	10 (800 – 3500 W / 800 - 3500 W)
Total power connection:	3 NAC 400 V / 7,0 kW
Dimensions:	width 405 x depth 700 x height 138 mm
Weight:	15,0 kg

We reserve the right to make technical changes!

4.2 Overview of parts



- ① Cooking plates
- ② Housing
- ③ Service panel
- ④ Height-adjustable feet

5. Installation and operation

5.1 Functionality of induction cookers

With induction cooker, an electric voltage is applied on a conductor spool beneath the glass. This creates magnetic fields, which directly heat up the bottom of the cookware through a physical effect. This means saving time and energy, because contrary to common hotplates, the cookware is heated up, not the heating element and the glass.

Due to the technical characteristics described above, another advantage is the very short start-up cooking time.

In addition, the heat supply promptly adapts to changed settings and can be controlled in small steps. The induction cooker reacts to changed settings just as fast as a gas stove, as the energy reaches the pot immediately without having to heat up other materials first.

The induction technology combines this fast reaction with the basic advantage of electricity, meaning being able to exactly adjust the heat supply.

Additional advantages of an induction cooker:

- As the cooking zone is only heated up indirectly via the bottom of the cookware, over spilling food cannot stick and burn and there is hardly any danger of burns for the user. The glass cooking zone is only heated up by the hot cookware.
- If the device is turned on and no dish for cooking is present or is removed, a repeating audio signal will sound and the device will turn itself off after approx. 30 seconds.
- The device will detect if the appropriate cookware is placed on the heating plate. If the cookware is not appropriate for induction hotplates, energy will not flow. The device will turn off after approx. 30 seconds.
- When operating the cooking zone with empty cookware, a temperature sensor turns it off automatically.

5.2 Safety instructions



WARNING! Electrical hazard!

Cable must not touch any hot parts.

- See that the cable does not touch any heat sources or sharp edges. Do not let the cable dangle over the counter edge.



WARNING! Danger of burn!

During operation some parts of the device become very hot. Do not touch the hot surface of the glass field. Please note: the induction cooker does not heat up itself during cooking, but the temperature of the cookware heats up the cooking zone.

- Do not use the device in case it does not function properly, has been damaged or dropped.
- 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.
- Do not lay the cable over carpets or heat insulations. Do not cover the cable. Keep away the cable from operating range and do not dunk it into water.
- Do not move or tilt the device when in operation.



WARNING! Hazard via electrical current!

***Do not insert any objects like wires or tools into the ventilation slots.
This may cause electric shocks.***

- Do not move the induction cooker during cooking or with hot cookware on top of it.
- Do not use the device as a surface for storing various items. Do not leave such objects as empty containers, etc. on it.
- We recommend not placing any metal kitchen utensils, cookware or pan lids, knives or other metal objects on the cooking zone. These may heat up when the device is turned on.
- Remember that items of jewelry such as rings, watches etc. can get hot if they are close to the heating surface.
- The cooking zone's surface consists of temperature-resistant glass. In case of damage, even if this concern only a small tear, disconnect the device from the power supply immediately and contact the customer service.
- Do not place any magnetically objects like credit cards, cassettes etc. on the glass surface while the device is in operation.
- On order to avoid overheating, do not place any aluminum foil or metal plates on the device.
- Do not use any flammable, acidic or alkaline materials or substances near the device, as this may reduce the service life of the device and lead to deflagration when the device is turned on.
- Scientific tests have proven that induction cookers do not pose a risk. However, persons with a pacemaker should keep a minimum distance of 60 cm to the device while it is in operation.



WARNING! Hazard via electrical current!

The device can cause injuries due to improper installation!

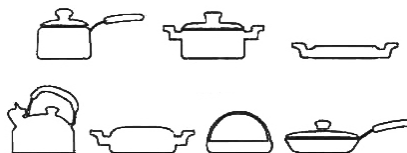
Before installation the local power grid specification should be compared with that of the device (see type label). Connect the device only in case of compliance!

Take note of the safety advice!

5.3 Suitable and unsuitable cookware

Suitable cookware

- steel or enamelled cast iron;
- iron, steel or non-enamelled cast iron;
- 18/0 stainless steel and aluminium, if it is marked as suitable for induction (follow the description of the cookware).



For proper functioning, all pots and pans must have a plane magnetic bottom (a magnet must stick to it).

For best results, use only pots and pans with a diameter between 12 and 30 cm.

e.g.

Induction cookware, 9-piece cooking pot set

chromium-nickel steel • edge suitable for pouring • cold handles

4 pots with lid

2.0 litres • Ø 16 cm • height 10.0 cm

2.7 litres • Ø 18 cm • height 11.0 cm

5.1 litres • Ø 24 cm • height 11.5 cm

6.1 litres • Ø 20 cm • height 20.0 cm

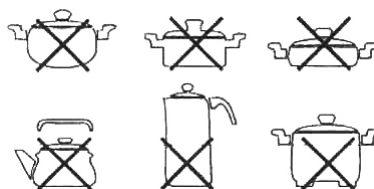
1 pan

2.8 litres • Ø 24 cm • height 6.5 cm

Bartscher order no. A130.442

Unsuitable cookware

- pots/pans with a diameter of less than 12 cm;
- ceramic, glass;
- stainless steel, aluminium, bronze or copper unless, it is expressly marked as suitable for induction;
- cookware with feet;
- vessels with round bottom.



CAUTION!

Please use only the cookware marked suitable for induction cooker.

If the induction hotplate detects too great a separation from the magnetizing container, it will cause a reduction in power. This may cause the overheating prevention device to malfunction. For this reason, do not use aluminum, bronze or non-metallic containers.

5.4 Installation and connection

Setting Up

- Unpack the induction cooker and remove all packing material.
- Place the device on a flat, safe surface which supports the weight and is not sensitive to heat.
- **Never** place the device on a combustible surface (such as a tablecloth, etc.).
- Do not place the induction cooker near an open flame, electric ovens, heaters or other heat sources.
- Do not block or cover the ventilation opening which is utilised for the air supply and exhaust from the device.
This can lead the device to overheat.
- Maintain a minimum distance of 5 - 10 cm away from combustible walls or other objects.
- Do not place the device near appliances or items that are sensitive to magnetic fields (e.g. radio, television, etc.).

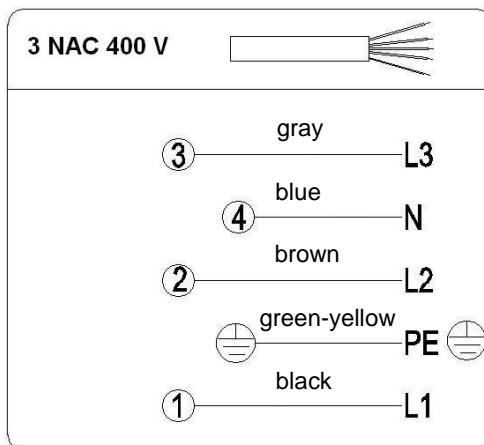
Connection to the power supply



WARNING!

Electrical installation of the induction cooker should be carried out only by qualified personnel with the appropriate approvals whilst maintaining law and specific domestic and local regulations!

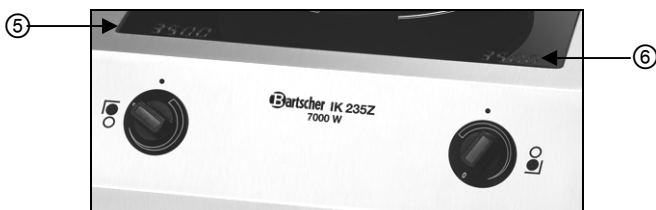
- The device is equipped with an electric cable. The electric cable must be connected with the plug or plugged into the wall socket.
- Make the connection as depicted in the schematic diagram below:



5.5 Operating Control panel



Digital display



- ① Setting point of rear cooking plate
- ② Setting point of front cooking plate
- ③ Knob of front cooking plate
- ④ Knob of rear cooking plate
- ⑤ Digital display of rear cooking plate
- ⑥ Digital display of front cooking plate

Turning on the device

- Before turning on the device, set both knobs in the **OFF** position („0“ mark of the knob positioned at the setting point).
- Place an appropriate cooking pan in the middle of the selected cooking plate.



WARNING!

Never place an empty pan on the cooking plate.

Warming up an empty pan or frying pan activates the protection system against overheating; an audio warning device signals and the device turns off.

On the digital display an error code „E2“ will be displayed .

In such a case remove the pan from the cooking plate and leave the device for few minutes to cool.

After that the device will operate without problems.

Setting of the power

- Set the knob for the respective cooking plate at the selected output level (setting range 1-10).

Front cooking plate (knob on the right hand side)	Rear cooking plate (knob on the left hand side)
800 W intermittent	800 W intermittent
1800 W	1800 W
2000 W	2000 W
2200 W	2200 W
2400 W	2400 W
2600 W	2600 W
2800 W	2800 W
3000 W	3000 W
3200 W	3200 W
3500 W	3500 W
5000 W	2000 W



NOTE!

This data may vary depending on the type of cooking pan used.

- The power sharing is determined in such a way that both cooking plates operate simultaneously with an output of 3500 W every time.
- To be able to set the device at the maximum output, both cooking plates must be turned on. It is then possible to use the rear cooking plate at an output of 2000 W and then the front cooking plate output of 5000 W can be used. When the output of the front cooking plate is set at 5000 W, the rear cooking plate switches automatically to the power value of 2000 W.
- For each power setting the value is displayed on the **digital display** located on the cooking surface on the left hand side (for the rear cooking plate) and on the right hand side (for the front cooking plate).
- If you want to use **only the front cooking plate** with the 5000 W output, turn the left hand side knob for the rear cooking plate, one position below the “off” (anti clockwise).
- During the device operation ensure that the bottom of the cookware surfaces will not scratch the cooking surface, even though there is no negative impact on the device's operation.

Turning off the device

- After preparing the meal, set both knobs to the **OFF** position. („0“ mark of the knob positioned at the setting point). **Do not rely on the feature of vessel presence recognition!**
- After turning off the device, the fan runs for approximately 1 minute to cool the device and protect it from overheating.



NOTE!

If during operation of the device there have been no new settings, automatically, the device will switch off after 2 hours.

6. Cleaning and maintenance

6.1 Safety advice

- Before cleaning and repairing the device, disconnect it from the power supply and allow to cool.
- Do not use any acid agents and make sure no water ingresses the device.
- To protect yourself from electric shock, **never** immerse the device, its cables and the plug in water or other liquids.



CAUTION!

The device is not suited for direct washing via water jets. Therefore, you must not use any kind of pressure water jet for cleaning the device!

6.2 Cleaning

- Clean the device regularly.
- Clean the cooking surface, control panel and housing with a soft damp cloth and with a mild, and not an abrasive cleaning agent.
- Always protect the rear vents of the device against dirt and dust or clean them (using a brush or air blower).
- **Never** use cleaners containing petrol or solvents so as not to damage the surface of the device.
- Use only soft cloth and **never** use abrasive or aggressive cleaners which may scratch the surface.
- After cleaning use a soft, dry cloth to dry off and polish the surfaces of the device.

6.3 Safety instructions for maintenance

- Check the mains connection cable for damage from time to time. Never operate the device when the cable is damaged. A damaged cable must immediately be replaced by customer service or a qualified electrician to avoid dangers.
- In case of damage or malfunction, please contact your stockist or our customer service centre. Pay attention to the troubleshooting tips in pt. 7.
- 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.**

7. Possible Malfunctions

Error message	Cause	Solution
E0	<ul style="list-style-type: none">• There is no cookware on the hob, or the cookware is of the wrong type.	<ul style="list-style-type: none">• Place appropriate cookware on the hob.
E1	<ul style="list-style-type: none">• The device is too hot (e.g. due to a blocked ventilation duct)• Damaged elements (e.g. transistor)	<ul style="list-style-type: none">• Clean the ventilation duct. Leave the device to cool for several minutes; it will then be ready for further use. If the error message remains, contact a sales agent.• Contact a sales agent.

Error message	Cause	Solution
E2	<ul style="list-style-type: none">The overheating protection has activated, the device will turn off.	<ul style="list-style-type: none">Remove cookware from the induction plate. Leave the device to cool for several minutes. It will soon be ready for further use.
E3	<ul style="list-style-type: none">Temporary power surge	<ul style="list-style-type: none">Remove the device's plug from its socket. Leave the device to cool for several minutes. It will soon be ready for further use.

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.



NOTE!



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

Bartscher GmbH
Franz-Kleine-Str. 28
D-33154 Salzkotten
Germany

phone: +49 (0) 5258 971-0
fax: +49 (0) 5258 971-120