

B E I N S E N

Baréin

Plancha térmica manual para tazas

User Manual
and Safety Instructions

Empowering Your Personalization Needs.

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Page numbers are indicative and may vary slightly depending on the specific length of the sections for this model.

01

Introduction and Equipment Description

The Beinsen Baréin is a manual mug press for 11 oz format. Compact, easy to operate and ideal as an entry-level option for small productions, occasional events or as a complement to an existing workshop.

Applications

Sublimation of 11 oz cylindrical mugs. Suitable for entrepreneurs starting out, occasional events, personalised-gift shops and small productions.

Main components

- Resistencia intercambiable para tazas (11 oz)
- Adjustable manual pressure clamp
- GY-04 digital controller
- Compact Beinsen orange frame
- Easy heating-element interchange system
- Ergonomic pressure handle

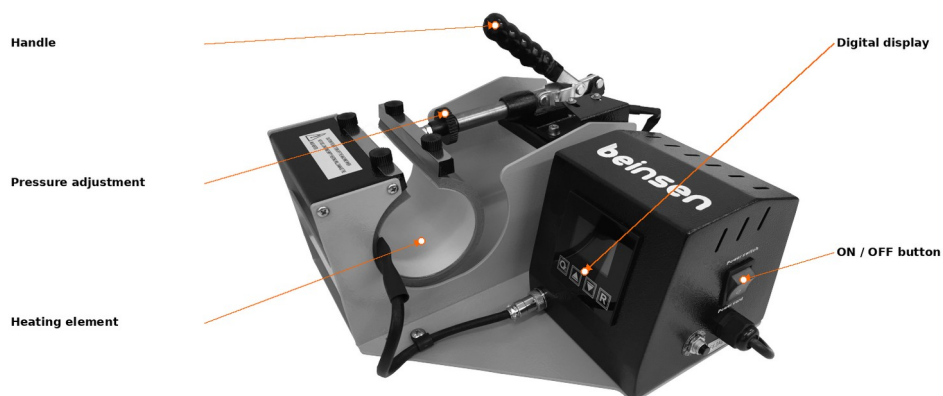


Fig. 1 · Main components of the Beinsen Baréin.

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Technical Specifications

Model	Baréin
Press Type	For mugs
Compressor	Not included
Opening Mode	Manual
Closing Mode	Manual
Heating Element Type	Replaceable
Heating Element Size	11 oz
Digital Controller	GY-04
Controller Precision	±0,5 %
Timer	0 – 999 seg.
Temperature Range	0 – 225 °C
Voltage	220 V
Power	300 W
Weight	13 kg
Dimensions	30 × 31 × 26 cm

Technical specifications may vary slightly depending on the manufacturing batch configuration. Refer to the equipment identification label for the exact data of your unit.

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Critical Safety

Read all warnings carefully before operating the equipment. Failure to follow these instructions may result in serious injury, property damage or void the warranty.

Risk of burns

The mug heating element reaches high temperatures during operation. Always handle the mug and the element with thermal gloves and never touch the hot area directly. Wait for the equipment to cool completely before any heating-element change.

Heating element change

Make the heating-element change with the machine completely cold and disconnected from the mains. Check the correct fit of the new element before resuming operation.

Electrical risk

Connect the equipment only to a grounded socket. Do not handle the equipment with wet hands and disconnect it before any cleaning operation.

Work stability

Work on a firm, level and heat-resistant surface. Keep the work area free of children, pets and flammable materials. Leave free space around the equipment for proper heat dissipation.

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Operation Guide

The GY-04 digital controller with ± 0.5 % precision lets you intuitively configure the press temperature and time.

Power-on and configuration

- 01 Connect the equipment to the mains and turn on the main switch.
- 02 The GY-04 controller display will light up showing the temperature reading.
- 03 Press SET to enter the configuration menu.
- 04 Adjust the target temperature with the (+) and (-) buttons.
- 05 Press SET again to move to time setting and configure it the same way.
- 06 Press SET to confirm and exit the menu.
- 07 Wait until the heating element reaches the target temperature before starting.

Pressing process

- 01 Confirm that the mounted heating element matches the 11 oz mug format you are going to personalise.
- 02 Apply the transfer paper to the mug with the printed side facing the ceramic surface.
- 03 Secure the transfer with heat-resistant tape to prevent shifting during pressing.
- 04 Place the mug inside the perimeter heating element.
- 05 Firmly close the manual clamp to apply the right pressure.
- 06 When the programmed time ends, open the clamp and remove the mug with thermal gloves.
- 07 Peel off the transfer paper as instructed by the consumable manufacturer (hot peel or cold peel).

Heating element change

- 01 Turn off the equipment and disconnect it from the mains.
- 02 Wait until the heating element and associated components have cooled completely.
- 03 Loosen the screws or fixing clips of the heating element.
- 04 Disconnect the electrical connection of the heating element.
- 05 Fit the new heating element and reconnect the power supply.
- 06 Check the correct fit before reconnecting the equipment to the mains.

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Maintenance and Troubleshooting

Preventive maintenance

- Before each shift, check that the heating element and base are clean and free of debris.
- Clean the heating element with the machine cold using a microfibre cloth. Never use water or abrasive products.
- Periodically check the clamp adjustment and the integrity of the power cable.
- Check the temperature reading with a contact thermometer if you notice inconsistency in the results.
- Request a full inspection of the equipment from an Official Technical Service authorised by Beinsen in case of any persistent anomaly.

Troubleshooting

Problem	Probable cause	Solution
The display does not turn on	Loose power cable or no voltage at the socket	Check the connection and the socket. If it persists, contact Beinsen Technical Service.
The mug does not reach the target temperature	Poorly fitted heating element or damaged sensor	Turn off the equipment, let it cool and check the fit of the heating element. If it persists, contact Technical Service.
Marks or uneven transfer on the mug	Insufficient pressure or inadequate time	Adjust the clamp to increase pressure and review the time parameters recommended by the transfer manufacturer.
The heating element does not heat up	Faulty heating element connection	Check the connection with the machine cold and disconnected. If it persists, contact Beinsen Technical Service.

To report any issue, request a repair or purchase genuine spare parts, contact exclusively an Official Technical Service authorized by Beinsen.

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To report any issue, request a repair or purchase genuine spare parts, contact exclusively an Official Technical Service authorized by Beinsen. Find the nearest technical service point through the official website.

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