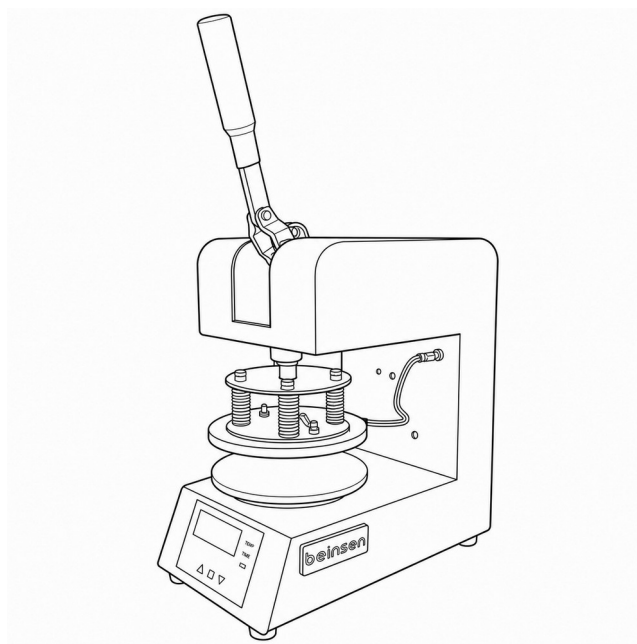


**B E I N S E N**

# Dorian

Prensa térmica para platos cerámicos



**User Manual**  
and Safety Instructions

*Empowering Your Personalization Needs.*

# Index

---

<b>01</b>	<b>Introduction and equipment description</b>	<b>3</b>
<b>02</b>	<b>Technical specifications</b>	<b>4</b>
<b>03</b>	<b>Critical safety</b>	<b>5</b>
<b>04</b>	<b>Operation guide</b>	<b>7</b>
<b>05</b>	<b>Maintenance and troubleshooting</b>	<b>9</b>
<b>06</b>	<b>Legal notice and trademarks</b>	<b>11</b>

---

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

# 01

## Introduction and Equipment Description

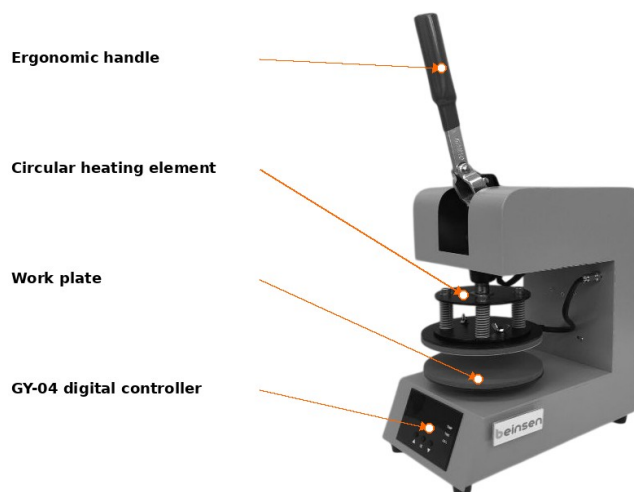
The Beinsen Dorian is a heat press specialised in ceramic plates and similar curved supports. The circular heating element and the work base adapted to plate-format substrates allow you to personalise this type of product with professional quality. GY-04 digital controller.

### Applications

Professional sublimation on ceramic plates, dishes and similar curved supports. Suitable for souvenir shops, gift workshops and ceramic personalisation.

### Main components

- Resistencia superior circular de Ø 155 mm
- Base inferior con almohadilla adaptable
- Lever arm for manual closing
- GY-04 digital controller
- Pressure regulator
- Compact Beinsen orange frame



*Fig. 1 · Main components of the Beinsen Dorian.*

# 02

## Technical Specifications

<b>Model</b>	Dorian
<b>Press Type</b>	Para platos
<b>Operating Mode</b>	Automatic and manual
<b>Tamaño del plato (de trabajo)</b>	38 × 38 cm
<b>Heating Element Size</b>	Ø 155 mm
<b>Maximum customisable thickness</b>	40 mm
<b>Display Model</b>	GY-04
<b>Touch screen</b>	No
<b>Controller Precision</b>	±0,5 %
<b>Timer Range</b>	0 – 999 seg.
<b>Maximum temperature</b>	225 °C
<b>Power</b>	300 W
<b>Voltage</b>	220 V
<b>Weight</b>	15 kg
<b>Dimensions</b>	55 × 46 × 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.*

# 03

## 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 circular heating element reaches 225 °C. Always handle the plate and element with thermal gloves and never touch the hot area directly.

### **Lever arm**

Operate the lever arm firmly but smoothly. Do not force the system if you notice unusual resistance.

### **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.

### **Handling ceramic plates**

Ceramic plates are fragile. Handle them carefully to avoid breakage. Check that the plate is centred and well supported before closing the press.

# 04

## Operation Guide

The GY-04 digital controller with  $\pm 0.5$  % precision lets you configure the press temperature and time. The equipment operates via the lever arm, in automatic or manual mode.

### 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.

### Plate pressing process

- 01 Place the ceramic plate centred on the lower base.
- 02 Apply the transfer paper with the printed side facing the plate surface.
- 03 Secure the transfer with heat-resistant tape to prevent shifting during pressing.
- 04 Cover with Teflon if the consumable requires it.
- 05 Close the equipment by lowering the lever arm to its stop.
- 06 The timer will start when closing is detected.
- 07 When the alarm sounds, raise the lever arm to open the equipment.
- 08 Remove the plate with thermal gloves and peel off the transfer paper as instructed by the manufacturer.

# 05

## 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 inspect the pressure regulator and the integrity of the lever arm.
- Check the condition of the lower pad and replace it if deteriorated.
- Check the temperature reading with a contact thermometer if you notice inconsistency.
- 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
<b>The display does not turn on</b>	Loose power cable	Check the connection and socket. If it persists, contact Beinsen Technical Service.
<b>The heating element does not heat up</b>	Faulty connection or damaged sensor	Turn off the equipment and contact Beinsen Technical Service.
<b>Uneven transfer on the plate</b>	Insufficient pressure or off-centre plate	Centre the plate and adjust the pressure regulator.
<b>Marks on the plate</b>	Dirty heating element or excess pressure	Clean the heating element with the machine cold and adjust the regulator.

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

# 06

## Legal Notice and Trademarks

### Copyright

Copyright © 2025 Beinsen. This guide is protected by international copyright laws. No part of this guide may be reproduced, distributed, translated or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system, without the prior written consent of Beinsen.

### Trademarks

Beinsen and the Beinsen logo are registered trademarks. All other trademarks and copyrights mentioned in this document are the property of their respective owners.

### Warranty and technical service

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.

### Contact

#### Beinsen

Avenida Alto de las Atalayas, 18 · 30110 Cabezo de Torres (Murcia), Spain  
+34 968 902 300 · info@beinsen.com · beinsen.com