

## ZMYUXME TOC-300-H8-EC

# ZMYUXME TOC-300-H8-EC Motherboard Instruction Manual

Model: TOC-300-H8-EC

## 1. INTRODUCTION

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This instruction manual provides essential information for the safe and efficient installation, operation, and maintenance of the ZMYUXME TOC-300-H8-EC Motherboard. This motherboard is designed as a replacement part for various Cormac and Tyson oven models. Please read this manual thoroughly before attempting any installation or operation to ensure proper function and to prevent damage or injury.

## 2. PRODUCT OVERVIEW

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The ZMYUXME TOC-300-H8-EC Motherboard is a critical component for controlling oven functions. It offers reliable performance and broad compatibility.

### Key Features:

- Replacement motherboard designed specifically for Cormac and Tyson ovens, ensuring optimal performance.
- Compatible with models 91010279, 91010281, 91010280, and 91010282 for versatile use in various oven setups.
- Durable construction guarantees longevity and reliability, making it a cost-effective solution for oven repair needs.
- Enhances the efficiency of your oven, providing consistent heating and cooking results.

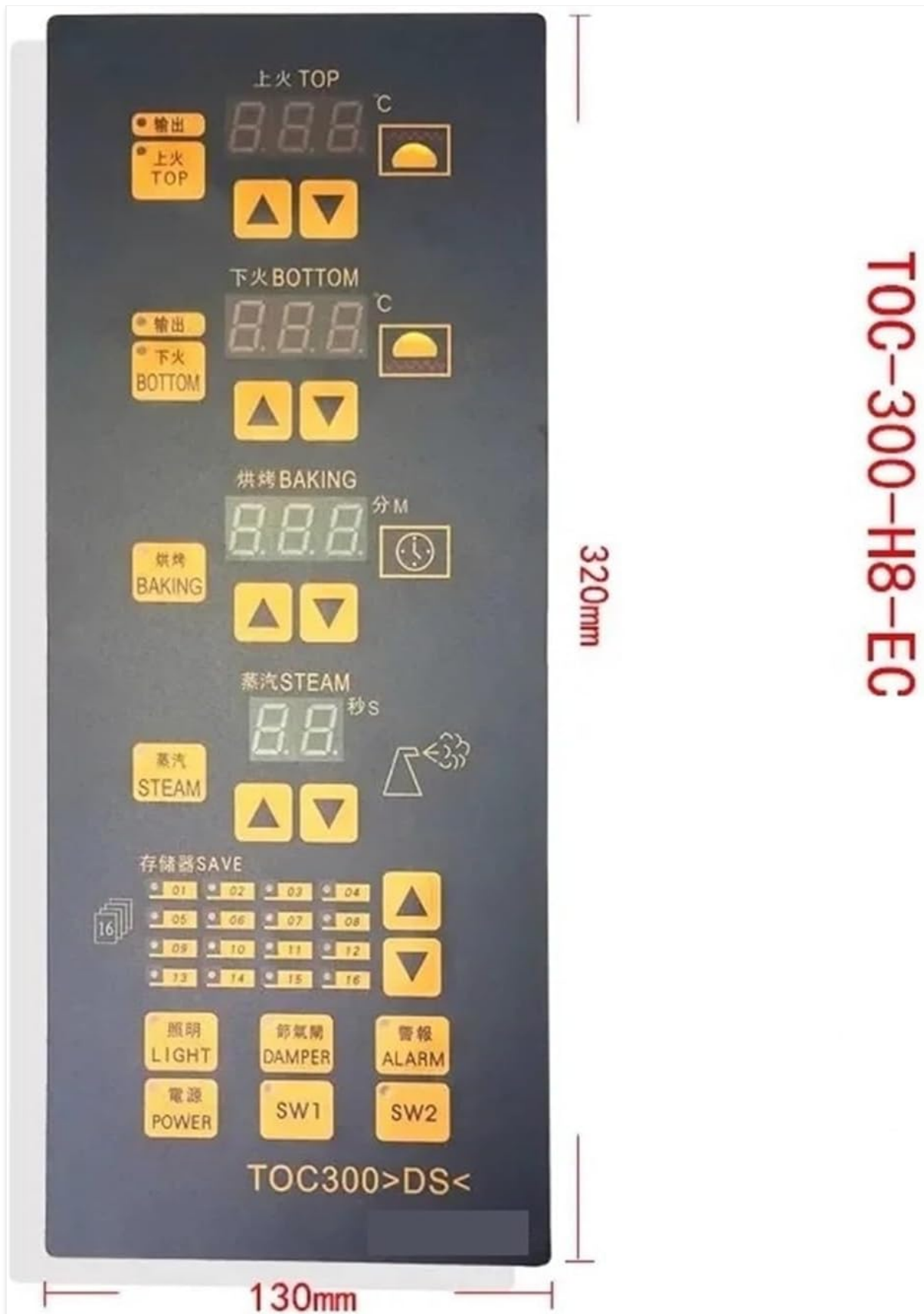


Figure 2.1: Front view of the TOC-300-H8-EC control panel. This image displays the digital readouts for top and bottom oven temperatures, baking time, and steam duration. Various buttons for power, light, damper, alarm, and setting adjustments are also visible.

### 3. SAFETY INFORMATION

Always observe the following safety precautions to prevent personal injury or damage to the equipment:

- **Disconnect Power:** Always ensure the oven is completely disconnected from the main power supply before

attempting any installation, maintenance, or repair.

- **Qualified Personnel:** Installation and servicing should only be performed by qualified and experienced technicians.
- **Static Discharge:** Electronic components are sensitive to electrostatic discharge. Use appropriate ESD precautions (e.g., anti-static wrist strap) when handling the motherboard.
- **Inspect Components:** Before installation, visually inspect the motherboard for any signs of damage. Do not install damaged components.
- **Proper Connections:** Ensure all electrical connections are secure and correctly matched according to the oven's wiring diagram. Incorrect wiring can lead to malfunction or electrical hazards.

## 4. SETUP AND INSTALLATION

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The TOC-300-H8-EC Motherboard is designed for straightforward replacement. However, due to the electrical nature of the component and its integration into an oven system, professional installation is highly recommended.

### Installation Steps:

1. **Power Disconnection:** Ensure the oven is completely unplugged from the power source. Verify with a voltage tester.
2. **Access Panel:** Carefully open the oven's control panel or access area to expose the existing motherboard.
3. **Document Connections:** Before disconnecting, take clear photos or make detailed diagrams of all existing wiring connections to the old motherboard. Note the position and color of each wire.
4. **Remove Old Motherboard:** Disconnect all wires and mounting screws securing the old motherboard. Carefully remove it.
5. **Install New Motherboard:** Position the ZMYUXME TOC-300-H8-EC Motherboard in the designated slot. Secure it with the appropriate screws.
6. **Connect Wiring:** Refer to your documented connections and the oven's wiring diagram to correctly attach all wires to the new motherboard. Double-check each connection for security and accuracy.
7. **Close Panel:** Once all connections are verified, carefully close the oven's control panel or access area.
8. **Test Functionality:** Reconnect the oven to the power supply. Power on the oven and test all functions (heating, baking, steam, light, etc.) to ensure the new motherboard is operating correctly.



Figure 4.1: Rear view of the TOC-300-H8-EC Motherboard. This image highlights the various connection terminals for power, heating elements (TOP, BOTTOM), light, buzzer, damper, and steam, which are crucial for correct installation.

## 5. OPERATING INSTRUCTIONS

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The control panel allows for precise management of oven functions. Refer to Figure 2.1 for button layout.

## Basic Operation:

- **Power (POWER):** Press the **POWER** button to turn the oven on or off.
- **Temperature Setting (TOP/BOTTOM):** Use the **UP** and **DOWN** arrow buttons next to "TOP" and "BOTTOM" displays to adjust the desired temperature for the upper and lower heating elements, respectively. The digital display will show the set temperature in Celsius.
- **Baking Time (BAKING):** Press the **BAKING** button, then use the **UP** and **DOWN** arrow buttons to set the baking duration in minutes.
- **Steam Time (STEAM):** Press the **STEAM** button, then use the **UP** and **DOWN** arrow buttons to set the steam duration in seconds.
- **Saving Settings (SAVE):** The "SAVE" section allows you to store frequently used cooking programs. Use the numbered buttons (01-16) to select a memory slot, then press a save button (often indicated by an icon or specific button) to store the current temperature, baking, and steam settings.
- **Light (LIGHT):** Press the **LIGHT** button to turn the oven interior light on or off.
- **Damper (DAMPER):** Use the **DAMPER** button to control the oven's exhaust damper, if applicable.
- **Alarm (ALARM):** The **ALARM** button may be used to silence an active alarm or to set a timer.
- **Auxiliary Switches (SW1, SW2):** These switches provide additional control functions specific to your oven model. Refer to your oven's primary manual for their exact purpose.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and reliable operation of your motherboard.

- **Cleaning:** With the power disconnected, gently wipe the surface of the control panel with a soft, dry cloth. Avoid using abrasive cleaners or excessive moisture, which can damage electronic components.
- **Inspection:** Periodically inspect the motherboard and its connections for any signs of wear, corrosion, or loose wiring. Address any issues promptly.
- **Ventilation:** Ensure that the oven's ventilation systems are clear and unobstructed to prevent overheating of electronic components.

## 7. TROUBLESHOOTING

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If you encounter issues with your oven after installing the ZMYUXME TOC-300-H8-EC Motherboard, consider the following common troubleshooting steps:

- **No Power:**
  - Check if the oven is properly plugged into a working power outlet.
  - Verify the circuit breaker for the oven has not tripped.
  - Ensure all power connections to the motherboard are secure.
- **Incorrect Temperature Readings:**
  - Check the temperature sensor connections to the motherboard.
  - Ensure the oven's internal temperature probes are clean and correctly positioned.
- **Buttons Unresponsive:**
  - Ensure the control panel is clean and free of debris.
  - Verify the ribbon cable connecting the control panel to the motherboard is securely seated.
- **Error Codes on Display:**
  - Refer to your specific oven model's primary instruction manual for a list of error codes and their meanings.
  - If an error persists, disconnect power, wait a few minutes, and reconnect to attempt a reset.

If problems persist after attempting these steps, it is recommended to contact a qualified service technician or the product manufacturer for further assistance.

## 8. SPECIFICATIONS

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Attribute	Value
Brand	ZMYUXME
Model Name	TOC-300-H8-EC (zmy655)
Compatible Oven Models	Cormac Oven 91010281, Tyson Oven Panel TOC-300Z-H0-C, Wisdom TOC-300-H0-C, and others compatible with 91010279, 91010280, 91010282
Item Weight	1.76 ounces
Package Dimensions	1.18 x 0.79 x 0.39 inches
Number of Pieces	1
Assembly Required	No (for the motherboard itself, but installation into oven requires assembly)

## 9. WARRANTY AND SUPPORT

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For specific warranty information regarding your ZMYUXME TOC-300-H8-EC Motherboard, please refer to the documentation provided at the time of purchase or contact the seller directly. Warranty terms may vary depending on the retailer and region.

For technical support or inquiries, please reach out to the manufacturer or the authorized distributor from whom you purchased the product. Ensure you have your product model number and purchase details available when seeking support.