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› [JBC JTSE-2QA Digital Hot Air Rework Station User Manual](#)

## JBC JTSE-2QA

# JBC JTSE-2QA Digital Hot Air Rework Station User Manual

## INTRODUCTION

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This user manual provides comprehensive instructions for the safe and efficient operation, setup, and maintenance of the JBC JTSE-2QA Digital Hot Air Rework Station. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

## PRODUCT OVERVIEW

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Figure 1: The JBC JTSE-2QA Digital Hot Air Rework Station, featuring the main unit with digital display, the hot air tool, and its dedicated stand. This station is designed for precise and controlled hot air applications in electronics rework.

The JBC JTSE-2QA is a high-performance digital hot air rework station designed for professional electronics repair and assembly. It offers precise temperature control and airflow management, making it ideal for desoldering and soldering surface-mount components (SMD).

## SAFETY INSTRUCTIONS

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

- Ensure the station is connected to a properly grounded power outlet (230V).
- Do not touch the hot air nozzle or heated components directly. Use appropriate tools and allow components to cool.
- Operate the station in a well-ventilated area to dissipate fumes.
- Keep flammable materials away from the hot air stream.
- Disconnect the power cord before performing any maintenance or cleaning.

- Do not operate the station if the power cord or unit is damaged.
- This device is for professional use only. Keep out of reach of children.

## SETUP

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1. **Unpacking:** Carefully remove all components from the packaging. Verify that all items listed in the "What's in the Box" section are present.
2. **Placement:** Place the main unit on a stable, heat-resistant, and level surface. Ensure adequate clearance around the unit for ventilation.
3. **Connect Hot Air Tool:** Connect the hot air tool's hose and electrical connector to the corresponding ports on the main unit. Ensure a secure connection.
4. **Connect Stand:** Position the hot air tool stand near the main unit and place the hot air tool securely in its holder when not in use. The stand often includes a sensor to detect when the tool is placed, activating standby mode.
5. **Power Connection:** Plug the power cord into the main unit's power inlet, then connect it to a grounded 230V AC power outlet.

## OPERATING INSTRUCTIONS

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### 1. Powering On/Off

Press the power button located on the front panel to turn the station on or off. The digital display will illuminate upon startup.

### 2. Setting Temperature and Airflow

Use the navigation buttons (+, -, OK) on the front panel to adjust the hot air temperature and airflow settings. The display shows the current and set values. The temperature range is typically 150°C to 450°C.

- **Temperature:** Adjust the desired hot air temperature for your application.
- **Airflow:** Control the air volume output from the nozzle. Start with lower airflow for delicate components and increase as needed.

### 3. Using the Hot Air Tool

When the hot air tool is removed from its stand, the heating element will activate and the station will begin to reach the set temperature. When returned to the stand, the station will enter standby mode, cooling down the tool to a safe temperature.

- Select the appropriate nozzle for your application.
- Maintain a safe distance between the nozzle and the component to avoid overheating.
- Move the hot air tool in a circular motion to ensure even heating.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your JBC JTSE-2QA station.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, damp cloth to wipe down the exterior of the main unit and the hot air tool. Do not use abrasive cleaners or solvents.
- **Nozzle Care:** Periodically inspect the hot air nozzles for blockages or damage. Clean them as needed to ensure proper airflow.

- **Air Filter:** Check and clean or replace the air filter (if applicable) according to the manufacturer's recommendations to maintain optimal airflow and prevent dust accumulation.
- **Storage:** Store the station in a clean, dry environment when not in use.

### TROUBLESHOOTING

Problem	Possible Cause	Solution
Station does not power on.	No power supply; loose power cord.	Check power connection; ensure outlet is functional.
Hot air tool not heating.	Tool not properly connected; tool in stand (standby mode); faulty heating element.	Ensure tool is securely connected and removed from stand; contact support if element is faulty.
Insufficient airflow.	Blocked nozzle; dirty air filter.	Clean or replace nozzle; check and clean/replace air filter.
Temperature fluctuations.	Sensor issue; unstable power supply.	Ensure stable power; contact support for sensor issues.
















### SPECIFICATIONS

Feature	Detail
Model Number	JTSE-2QA
Manufacturer	JBC
Input Voltage	230 Volts AC
Temperature Range	150 - 450 °C (302 - 842 °F)
Dimensions (L x W x H)	474 x 368 x 195 cm
Item Weight	4.1 Kilograms (4104 Grams)
Included Components	Hot Air Rework Station
Number of Channels	1

### WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your JBC JTSE-2QA Digital Hot Air Rework Station, please contact JBC customer service or visit their official website. Keep your purchase receipt as proof of purchase for warranty claims.

**JBC Official Website:** [www.jbctools.com](http://www.jbctools.com)

<div data-bbox="154 250 269 302"><p>www.jbctools.com</p><p>INSTRUCTION MANUAL</p></div> <div data-bbox="132 327 293 448"></div> <div data-bbox="154 470 269 497"><p>JTSE</p><p>Power Hot Air Control Unit</p></div>	<div data-bbox="338 306 986 336"><a href="#">JBC JTSE Power Hot Air Control Unit Instruction Manual</a></div> <div data-bbox="338 347 1471 454"><p>Comprehensive instruction manual for the JBC JTSE Power Hot Air Control Unit, detailing features, operation, maintenance, and specifications. Learn how to use and care for your JBC soldering equipment.</p></div>
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