

- Manuals.plus /
- › QUECOO /
- › QUECOO T12-959 Soldering Station Iron Kit User Manual

QUECOO SET5

QUECOO T12-959 Soldering Station Iron Kit User Manual

Model: SET5 | Brand: QUECOO

1. INTRODUCTION

The QUECOO T12-959 Soldering Station Iron Kit is a portable and precise soldering tool designed for electronic repair and various soldering tasks. It features an LCD screen for clear digital information, automatic standby, and automatic sleep functions to enhance safety and prolong the life of the heating element. This manual will guide you through the setup, operation, and maintenance of your soldering station.

ARM CORE PROCESSOR

T12-959 Smart soldering station

Anti-static /Rapid temperature/Constant temp

Solder joints not difficult

Larger LCD display



2.6 Inch

3s heat up and 7s melt tin

Image 1.1: QUECOO T12-959 Smart Soldering Station overview.

2. PRODUCT COMPONENTS

The QUECOO T12-959 Soldering Station Kit (SET5) includes the following components:

- 1 x T12-959 Soldering Station
- 1 x M8 Metal Handle
- 5 x T12 Soldering Tips (ILS, JL02, KU, BL, BC1)
- 1 x Power Cord



Image 2.1: Included components of the T12-959 Soldering Station Kit.

3. SETUP INSTRUCTIONS

1. **Connect the Power Cord:** Insert the power cord into the AC power interface on the back of the soldering station. Ensure it is securely connected.
2. **Connect the Soldering Iron Handle:** Attach the M8 metal handle to the handle interface on the front of the soldering station. Twist the connector until it is firm.
3. **Insert a Soldering Tip:** Select the desired T12 soldering tip and insert it firmly into the M8 metal handle.
4. **Power On:** Press the red switch on the back of the soldering station to turn it on. The LCD screen will illuminate.



Image 3.1: Rear and front panel connections of the T12-959 Soldering Station.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the initial setup of the QUECOO T12-959 Soldering Station, including connecting the power cord, soldering iron handle, and inserting a soldering tip. It also shows the power-on sequence and basic temperature adjustment.

4. OPERATING INSTRUCTIONS

4.1. Temperature Adjustment

Once powered on, the LCD screen will display the current temperature. Turn the rotary knob on the front panel to adjust the desired temperature. The station heats up rapidly, reaching 300°C within 7 seconds.

4.2. Accessing Settings

To access the settings menu, press and hold the rotary knob for approximately 2 seconds. The menu allows you to configure various functions such as temperature locking, auto standby, auto sleep, and temperature stabilization.

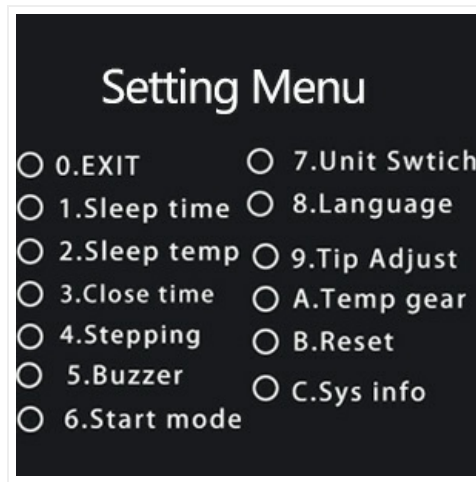


Image 4.1: Setting Menu options on the LCD display.

4.3. Auto Sleep and Standby

The soldering station features intelligent automatic sleep, standby, and shutdown functions to conserve energy and enhance safety. If the soldering iron is not used for a set period (e.g., 1 minute), it will automatically enter sleep mode. After a longer period of inactivity, it will enter standby and eventually shut down. Lifting the handle or rotating the encoder will wake the unit up.

Intelligent power control

Sleep Standby time held by yourself

There are moments in life when you miss someone so much that you just want to pick them from your dreams and hug them for real! Dream what you want to dream; go where you want to go; be what you want to be, because you have only one life and one



Intelligent automatic sleep, standby and shutdown function, which greatly improves the life of the heating element, saves electricity and reduces hidden risks



T12-959 Sleep
Time range 0-60分
Temp range 60-250°C

If set to 1 minute, the soldering iron will automatically go to sleep after 1 minute of non-use



Image 4.2: Auto Sleep function display.

T12-959 Standby time range 0-120m

If it is set for 1 minute, the host will automatically enter the shutdown state after it sleeps for 1 minute. After shutdown, the screen will not turn off, and the temperature will gradually drop to room temperature. Lift the handle or rotary encoder to wake up. For example, the sleep setting is 2 minutes and the shutdown setting is 5 minutes, that is, the handle is left for 2 minutes without moving, the host enters sleep, and the sleep duration lasts for 5 minutes, and the host enters the shutdown state.

Auto standby



Boost



T12-959 Boost boost temp 50°C

Manually press the encoder, short press for 1 second
Start to strengthen the temperature, duration 30s .The strengthening time and strengthening temperature can be set freely.



Image 4.3: Auto Standby and Boost functions.

4.4. Boost Function

To temporarily increase the temperature for demanding soldering tasks, manually press the encoder (rotary knob) for 1

second. This activates the Boost function, increasing the temperature by 50°C for a duration of 30 seconds. The strengthening time and temperature can be adjusted in the settings.

5. MAINTENANCE

- **Tip Cleaning:** Regularly clean soldering tips with a damp sponge or brass wool to remove excess solder and oxidation. This ensures optimal heat transfer and extends tip life.
- **Storage:** When not in use, store the soldering station and iron in a dry, safe place. Ensure the tip is tinned before storage to prevent oxidation.
- **Power Off:** Always turn off the soldering station using the main power switch when not in use for extended periods.

6. SPECIFICATIONS

Feature	Specification
Model Number	SET5
Output Power	75W
Temperature Range	150°C - 450°C (302°F - 842°F)
Heat-up Time	Heats to 300°C within 7 seconds
Display Type	LCD
Product Dimensions	120 x 88 x 38 mm (4.72 x 3.46 x 1.5 inches)
Item Weight	1.28 pounds (approx. 580g)
Power Source	AC/DC
Material	Metal
UPC/GTIN	748521130850

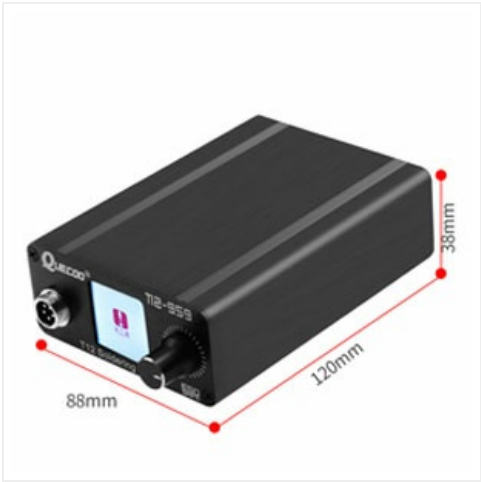


Image 6.1: Physical dimensions of the T12-959 Soldering Station.



Image 6.2: Weight of the T12-959 Soldering Station host.

7. TROUBLESHOOTING

If you encounter any issues with your QUECOO T12-959 Soldering Station, please consider the following:

- **No Power:** Ensure the power cord is securely connected to both the station and a working power outlet. Check the power switch on the back of the unit.
- **Iron Not Heating:** Verify that the soldering iron handle is properly connected to the station and that a tip is correctly inserted. Check the temperature setting on the LCD screen.
- **Temperature Fluctuations:** Ensure the soldering tip is clean and properly seated. Avoid excessive pressure on the tip during soldering.

For further assistance, please refer to the warranty and support information below.

8. WARRANTY AND SUPPORT

QUECOO provides a 1-year warranty for the T12-959 Soldering Station Iron Kit. We are committed to customer satisfaction and offer life-long after-sales service. If you have any questions or require support, please do not hesitate to contact us.

For warranty claims or technical assistance, please contact QUECOO customer service through the retailer where the product was purchased or visit the official QUECOO store page.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B09TVL41NS>

More documents and user manuals: <https://manuals.plus/>