04.07.03.544

Hot Air Rework Station
ESD-Safe

OPERATION INSTRUCTION

English

Made in China

Thank you for purchasing this product. Please read the manual carefully before operating and keep this manual for future reference.

Statement: The company reserves the right to improve & upgrade products, product specifications and design are subject to change without notice.

● This product should not be thrown in the garbage. In accordance with the European directive 2012/19/EU, electronic equipment at the end of their life must be collected & returned to an authorized recycling facility. ● Este producto no debe desecharse en la basura. De acuerdo a la directiva europea 2012/19/EU, los equipos electrónicos al final de su vida se deberàn recoger y trasladar a una planta de reciclaje autorizada. ● Dieses Produkt sollte nicht mit dem Hausmüll entsorgt werden. In Übereinstimmung mit der europäischen Richtlinie 2012/19/EU müssen elektronische Geräte am Ende ihrer Lebensdauer eingesammelt und einem autorisierten Recyclingbetrieb zugeführt werden.

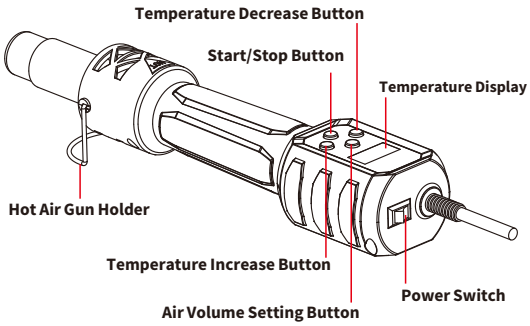
SPECIFICATIONS

Main unit dimensions	L275xW62xH46mm ±5mm
Operating ambient temperature	0°C～40°C/32°F～104°F
Display	LED
Temperature range	100°C~500°C/212°F~932°F
Air Delivery	Brushless motor with smooth airflow
Air volume	100L/min

I . APPLICATIONS

1. *This unit is suitable for desoldering & soldering operations on a broad range of components. E.g., SOIC, CHIP, QFP, PLCC, BGA, SMD, and more. The unit is especially suited for desoldering operations on in-line sockets.*
2. *You can use this unit for heat shrinking, drying, paint removal, glue removal, defrosting, pre-heating, glue soldering, and more.*

II . CONTROL PANEL GUIDE



III. OPERATION

1. Unfold the hot air gun holder towards the nozzle direction and install the desired nozzle. (Use of larger-diameter nozzles is recommended)

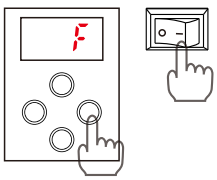
2. Connect the station to a power socket and turn ON the power switch. Press the temperature increase or decrease button to set the desired temperature (Press the button to adjust the temperature by 1°C; press and hold the button to speed up the adjustment). Press the start button to turn ON the hot air gun and the hot air gun's operation indicator light will turn ON. The operation indicator stays ON constantly when heating up, blinks rapidly when the temperature stabilizes, and turns OFF when the station is cooling. When the indicator light blinks regularly to indicate temperature stabilization, the hot air gun is ready to use!

Indicator for the program making real-time temperature tracking and compensations.

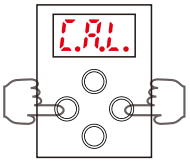
3. When the operation is complete, press the stop button and the hot air gun will put out cool air to cool down the system. When the air output stops, turn OFF the power switch. If the hot air gun is not in use for an extended period, DISCONNECT the hot air gun from an electrical socket.

4. Air Volume Configuration
4-1. Turn ON the power switch and press the air volume setting button. The display will show the simulated air volume (F1-F10).
4-2. Press the temperature increase/decrease button to set the air volume. Once done setting, stop operating for approximately 3 seconds, and the system will automatically save the data and exit the setting interface-Setting complete.

5. °F/°C Temperature Display(This function complies with different user preferences for users in different regions.)
5-1. When the power switch is not turned ON, press and hold the temperature increase button and then turn ON the power switch. The display will show "C" or "F".
5-2. Press the temperature increase button to switch between the Celsius display mode and the Fahrenheit display mode.
5-3. Once done setting, stop operating for approximately 3 seconds, the system will automatically save the data and exit the setting interface. -Setting complete.



6. Digital Temperature Calibration(Temperature discrepancies may occur due to the change in the environment's temperature, or the replacement of the heating element and other components. You can correct the discrepancies with this function. The temperature calibration function can improve work efficiency and extend the lifespan of the heating element.)
6-1. Turn On the hot air gun. When the hot air gun's temperature has stabilized, measure the hot air gun's actual temperature.
6-2. Press and hold the temperature increase and decrease button at the same time for approximately 2 seconds and then the display will show "CAL".
6-3. Press the temperature increase or decrease button to enter the measured temperature. Once done entering, press both buttons to confirm the entry and the system will automatically calibrate the temperature and exit the setting. – Setting complete.



NOTE:
The station's hot air gun and soldering iron handles use high-strength stainless steel tubes. The station goes through 4 times or more testing, inspection, and calibration procedures before rolling off the assembly line. The steel tube may exhibit light bronze color as a result of our quality control efforts. It is normal to have a slightly bronzed steel tube when you use a brand-new station, rest assured for regular usage.

IV. MAINTENANCE & PRECAUTIONS

1. Keep the air outlet clear and free of blockages at all times.
2. The installation of the hot air gun nozzles MUST be carried out ONLY when the steel pipe and nozzle have cooled. Install the nozzle correctly, DO NOT install the nozzle with brute force, pull the edge of the nozzle with tweezers, or over-tighten the screws.
3. Select the appropriate nozzle based on your operation requirement (temperature may vary when you use nozzles in different diameters). When using nozzles smaller than the standard machine nozzles, you MUST use the maximum air volume with a relatively lower temperature setting. Complete this operation in the shortest possible duration to avoid damaging the hot air gun.
4. Keep a minimum distance of 2mm between the subject and the hot air gun's air outlet. DO NOT allow the hot air to come in direct contact with facial parts, and beware of the danger of burn injuries. Upon the first use, the hot air gun may emit white fumes, and the white fume will dissipate in a short while.

NOTE:
The station's hot air gun and soldering iron handles use high-strength stainless steel tubes. The station goes through 4 times or more testing, inspection, and calibration procedures before rolling off the assembly line. The steel tube may exhibit light bronze color as a result of our quality control efforts. It is normal to have a slightly bronzed steel tube when you use a brand-new station, rest assured for regular usage.

V. TROUBLESHOOTING

1. **The display shows "---":** This is an indication that the hot air gun is in the standby mode, DISCONNECT the power cord when the gun is not in use for an extended period.
2. **The display show "S-E":** This is an indication that the hot air gun is detecting an error in the sensor modules. To resolve this issue, you need to replace the heating element. (Heating Element & Sensor Modules)
3. **The displayed temperature is lower than 100°C/212°F, and the operation indicator is ON but the hot air gun is not heating up:** This is an indication that the heating element is faulty. To resolve this issue, you need to replace the heating element.