

III. MAINTENANCE AND PRECAUTIONS

1. Keep the air outlet clear and free of blockages at all times.
2. The installation of the hot air nozzle MUST be carried out ONLY when the steel tube and nozzle have cooled. Install the nozzle correctly. DO NOT install the nozzle with brute force, pull the edge of the nozzle with pliers, or over-tighten the screws.
3. Select the appropriate nozzle based on your operation requirement (temperatures may vary when using nozzles in different diameters). When using nozzles smaller than the stock nozzles, you MUST use the maximum air volume with a relatively lower temperature setting. Complete this operation in the shortest duration possible to prevent damaging the hot air gun.
4. Keep a minimum distance of 2mm between the subject and the hot air gun's air outlet.
5. 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 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 using a brand-new station; rest assured for normal usage.

IV. TROUBLESHOOTING

1. The operation indicator light stays on while the station's heating element does not heat. This indicates that the heating element is faulty. To resolve the issue, the heating element should be replaced (the heating element and the sensor module).
2. When replacing the heating element, take note of the original connecting order and colors of the wires, which MUST NOT be connected incorrectly.

SPECIFICATION

Model	852+	8508D+
Main Unit Dimension	L253xW186xH124mm ±5mm	
Operating Temperature	0°C~40°C/32°F~104°F	
Air Delivery	Pump Motor	
Air Volume	≤24L/min	
Adjustable Temperature Range	100°C~450°C/212°F~842°F	100°C~480°C/212°F~896°F
Display	LED Nixie Tube	

I. APPLICATIONS

1. This station is suitable for soldering and rework applications on SOIC, CHIP, QFP, PLCC, BGA, SMD, and more. The station is especially suitable for rework applications on in-line sockets.
2. The station's applications include heat shrinking, drying, paint removal, adhesive removal, defrosting, pre-heating, soldering wire glues, and more.

ESD Safe Rework Station

OPERATION INSTRUCTION

English

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

Made in China

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 deberán 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.

II. OPERATIONS

Before transporting the station, the station's pump motor MUST be secured with the locking bolt (installation hole located at the bottom of the station). Failure to fasten the locking bolt before transportation will result in serious consequences. REMOVE the locking bolt from the bottom of the station before use, and failure to REMOVE the bolt will result in serious consequences.

1. Set the rework station appropriately and install the hot air gun holder on the left side of the station and then place the hot air gun into the holder.
2. Install the required nozzle (use of nozzles in larger diameters is recommended) onto the hot air gun. Connect the station's power cord to an electrical outlet.
3. Turn ON the power switch of the rework station. The hot air gun will enter standby mode. Turn the hot air temperature adjustment knob to set the required temperature. Pick up the hot air gun from its holder. The hot air gun will enter standard operation mode. The operation indicator (the dot located at the bottom-right of the hot air temperature display) will turn ON.

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Indicator for real-time temperature tracking and temperature compensations.

The operation indicator light stays ON constantly when heating up, blinks rapidly when the temperature stabilizes and turns OFF when the station is cooling. Turn the air volume adjustment knob to set the required air volume. Wait until the hot air temperature is stabilized, then begin your work.

4. The hot air gun must be placed back in the holder when the operation is complete. Turn OFF the power switch of the rework station. The system will cut off the power to the hot air gun, and the hot air gun's operation indicator will turn OFF. At this point, the hot air gun stops heating and only delivers cool air. The hot air gun's heating element will start cooling and once its temperature cools to below 100°C/212°F, the hot air gun will stop delivering air. DISCONNECT the station's power cord if the station is not in use for an extended period.
5. Automatic/Manual Mode (8508D+ Rework Station) **Switch between Automatic Mode and Manual Mode based on whether or not the hot air gun is in use frequently. This will effectively improve work efficiency and safety.** Flip the automatic/manual switch located at the top-left of the front panel to switch between the automatic mode and manual mode.
6. Temperature Locking (8508D+)
 - 1-1 After setting the station's temperature, press the temperature-locking switch located below the temperature display. The station will then enter temperature-locking mode. Upon entering the temperature-locking mode, turning the temperature adjustment knob will not be able to change the station's temperature.
 - 1-2 Press the temperature-locking switch again to exit temperature-locking mode, and turning the temperature adjustment knob can now adjust the temperature setting.