

IV. MAINTENANCE & PRECAUTIONS

- If a layer of oxidation forms on the surface of the soldering iron tip, a misconception can be created that the soldering tip cannot heat up properly to melt the solder and do the tinning. But the actual temperatures of both the heating element and soldering tip are high. In such an instance, please do not increase the temperature value confusedly but use a metal wool ball to remove the oxidation following the steps below:

A. Set the temperature to 300°C (572°F).

B. Once the temperature stabilizes, gently rub the soldering iron tip inside the metal wool ball.

C. When the oxidation is partially removed, continue applying solder onto the tip while rubbing it until the soldering tip is completely coated with solder. If the tip is too severely oxidized beyond cleaning, replace the tip with a new one.

- DO NOT use metal files to remove the oxidation on the soldering iron tip. If the soldering iron tip deforms or rusts, replace the soldering iron tip with a new tip.
- DO NOT apply excessive force on the soldering tip when soldering. Doing so will not only damage the iron tip but also not improve the heat transfer.
- When placing the soldering iron back in the holder to idle after a high-temperature operation, adjust the temperature to 250°C (482°F) or below for idling. Failure to do so, and leaving the soldering iron tip to idle on a high-temperature setting will cause the accelerated aging of the heating element and shorten the lifespan of the heating element and soldering iron tip.
- Clean the soldering iron tip after use, and tin the tip with a new layer of solder to prevent oxidation.

V. TROUBLESHOOTING

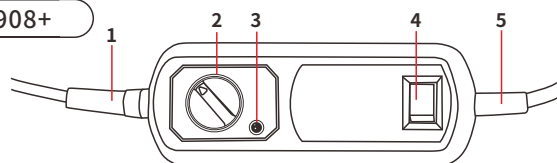
- "S-E" – This is an indication that the station's sensor modules are faulty. You need to replace the heating element (the heating element and the sensor modules).
- "SLP" – This is an indication that the soldering station is in sleep mode.
- When replacing the heating element, take note of the original connecting order and colors of the wires which MUST NOT be connected incorrectly.

I. APPLICATION

This unit is suitable for desoldering & soldering operations on a broad range of components. E.g., SOP, DIP, SOIC and more.

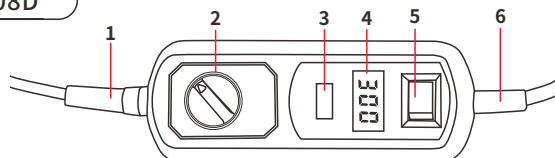
II. PART LIST

908+



1. Cord (Soldering Iron)
2. Temperature Adjustment Dial
3. Operation Indicator
4. Power Switch
5. Power Cord

908D



1. Cord (Soldering Iron)
2. Temperature Adjustment Dial
3. °F/°C Display Selector / Temperature Locking Selector (ONLY One of the two is available depending on the specific model you receive)
4. Temperature Display
5. Power Switch
6. Power Cord

SOLDERING STATION ESD-SAFE AND TEMPERATURE CONTROLLED

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.

| Model umber | 908+ | 908+ Upgraded | 908D |
|-------------------------------|--------------------------|---------------|---|
| Control unit dimensions | L138xW51xH33mm ±5mm | | |
| Operating ambient temperature | 0°C~40°C/32°F~104°F | | |
| Temperature range | 200°C~480°C(392°F~896°F) | | 90°C~480°C(194°F~896°F) 200°C~480°C(392°F~896°F) |
| Display | Analog Dial | | LED Nixie Tube |
| Tip to ground resistance | <2 Ohms | | |
| Temperature locking | NO | | YES |
| °F/°C conversion | NO | | YES |
| 10-minute sleep mode | NO | | YES |

III. OPERATION

- Set the soldering iron appropriately.
- Connect the soldering iron's power cord to an electrical outlet. The heating element will begin heating as per normal, and the operation indicator light will turn ON. Allow the iron to heat up to the set temperature before operating.
CAUTION: Upon the first use of the soldering iron tip, set the temperature to 250°C/482°F. When the iron is just hot enough to melt the solder, coat the tip with a layer of solder (the use of rosin core solder is recommended), then set the temperature to your desired value. 908D Soldering Station Operation Indicator(The dot located at the bottom-right corner of the display) turns ON when the soldering iron is heating up, blinks when the temperature is stabilized, turns OFF when the soldering iron is cooling off.

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Indicator for the program making real-time temperature tracking & compensation

- When the operation is complete, use a wet sponge or metal wool ball to clean the soldering iron tip. Tin the tip with a new layer of solder, then put the soldering iron back to its holder and turn OFF the power switch. If the station is not in use for an extended period, DISCONNECT the power cord.

°F/°C Temperature Display Modes (908D)

This function complies with different user preferences for users in different regions.

Toggle the °F/°C Display selector to Fahrenheit or Celsius display.

10-Minute Sleep Mode(908D)

The station will automatically detects its own operation status, and when the station detects no usage and movement for longer than 10 minutes, the soldering iron will enter sleep mode. This could effectively prevent the oxidation of the soldering iron tip, extend the lifespan of the soldering iron tip, save energy, and protect the environment.

To start-up from sleep mode:

- Shake the soldering iron handle a few times.
- Turn OFF and then turn ON the power switch.

Temperature Locking Function

Turn the temperature locking switch to the position to lock the temperature adjustment. When in this position, turning the temperature adjustment dial WILL NOT change the temperature setting.

Turn the temperature locking switch to the position to unlock the temperature adjustment. When in this position, turning the temperature adjustment dial WILL change the temperature setting.