

**PORTABLESOLDERING STATION (TWEezer TYPE)
TEMPERATURE-CONTROLLED&PARALLEL TWEezer TYPE**

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 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.

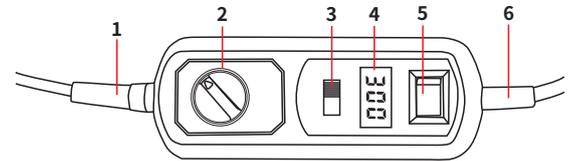
SPECIFICATION

Main unit dimensions	L138*W51*H33mm ±5mm
Operating ambient temperature	0~40°C/32°F~104°F
Temperature range	200~480°C/392°F~896°F
Display	LED Nixie Tube
Tip to ground resistance	<2 ohms
°F/°C conversion	YES
Sleep mode (10-Minute Non-Adjustable)	YES

I. APPLICATIONS

Suitable for soldering and desoldering applications on a broad range of SMD and Through-Hole components. This unit is especially great for manufacturing assembly lines, 2 solder joints can be worked on at the same time to provide high operation efficiency.

II. PARTS LIST



1. Cord (Soldering Iron)
2. Temperature Adjustment Dial
3. °F / °C Temperature Display Selector
4. Temperature Display
5. Power Switch
6. Power Cord

III. OPERATION

1. Set the soldering iron safely and correctly.
2. Connect the station's power cord to an electrical outlet, and turn ON the power switch. The soldering station's heating element will begin heating as per normal, and the operation indicator (the dot located at the bottom-right corner of the display) turns ON. The indicator light stays ON when heating, blinks rapidly when the temperature is stabilized, turns OFF when cooling. Begin with the operation when the soldering station's operation indicator light blinks rapidly to indicate temperature stabilization.

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Indicator for program tracking temp. at high speed and making temp. compensation.

CAUTION: Upon the first use of the soldering tip, set the temperature to 250°C/482°F. When the iron is just hot enough to melt solder, coat the soldering iron tip with a layer of solder (the use of rosin core solder is recommended), then set the temperature to your desired temperature.

3. After work is complete, you can clean the tip with a wet cleaning sponge or a metal wire tip cleaner. Then recoat the tip with a fresh layer of solder. After this, return the handle to its holder. At this time, it is available to turn off the soldering station's switch. If the machine is not in use for a long period, turn OFF the power switch and unplug the power plug.

Fahrenheit/Celsius Display Mode

This function allows the unit to satisfy user preferences in different regions.

Flip the °F / °C temperature display selector switch to select either the Fahrenheit or Celsius display mode.

10-Minute Set Sleep Function

The station will automatically detect 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 oxidization 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:

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

IV. MAINTENANCE & PRECAUTIONS

1. If a layer of oxidization 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. However, 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 oxidization 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 oxidization 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.

2. DO NOT use metal files to remove the oxidization on the soldering iron tip. If the soldering iron tip deforms or rusts, replace the soldering iron tip with a new tip.
3. DO NOT apply excessive forces on the soldering tip when soldering. Doing so will not only damage the iron tip but also not improve the heat transfer.
4. 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.
5. Clean the soldering iron tip after use, and tin the tip with a new layer of solder to prevent oxidization.

V. TROUBLESHOOTING

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