Interchangeable Soldering Tips of Soldering Station   900MM Tip OutDiam Φ6.5

SKY TOPPOWER

HD937D

SOLDERING STATIONS

Digital Thermo-control Anti-static

User's Manual

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Precautions

In this instruction manual,"WARNING and"CAUTION" are defined as follows.

<u>CAUTION!</u>

- Before use this unit, make sure comply with the following measures, against risk of electric shock or give rise to fire. In order to ensure body safe, must use the components or accessories that recommended by original factory, otherwise it may cause serious consequences.
- It should be maintained by qualified electric technician or service personnel specified by original factory.
- When the power is on, the tip temperature is between 200℃/392F and 480℃/896F.

Since mishandling may lead to burns or fire be sure to comply with the following precautions.

- Do not touch the metallic parts near the tip.
- Do not use the product near flammable items.
- Advise other people in the work area: the unit can reach a very high temperature and should be considered potentially dangerous.
- Turn the power off while taking breaks and when finished using the unit.
- Before replacing parts or storing the unit turn the power off and allow the unit to cool down to room temperature.

To prevent damage to the unit and ensure a safe working environment be sure to comply with the following precautions.

- Do not use the unit for applications other than soldering.
- Do not rap the soldering iron against the workbench to shake off residual solder, or otherwise subject the iron to severe shocks.
- Do not modify the unit.
- Use only genuine SKY TOPPOWER replacement parts.
- Do not wet the unit or use the unit when your hands are wet.
- The soldering process will produce smoke, so make sure the area is well ventilated.
- While using the unit, don't do anything that may cause bodily harm or physical damage.

<u>WARNING!</u>

<u>*CAUTION: Misuse may potentially cause injury to the user or physical damage to the objects involved. For your own safety, be sure to comply with these Precautions.*</u>

Instructions

1. **Check before power-on:** Check the power supply voltage at the rear of the product and make sure that the input power meets the specifications.

2. **After power on:** Turn on the power switch, the LED digital tube displays the temperature unit symbol as "--C" or"--F" for one second, then it displays the set temperature for three seconds, and then displays the actual temperature value of the soldering iron.

3. **Temperature setting:** When the temperature needs to be adjusted, turn the temperature knob to set the temperature. LED digital tube,the set temperature is displayed, and after three seconds, the LED digital tube displays the actual temperature value of the soldering iron tip.

4. **Temperature correction:** When replacing the heating core or the soldering iron head and need to calibrate the temperature, you can use "-" Align the screwdriver with the prefix on the "CAL" position hole on the panel, and then fine-tune the potentiometer inside to perform temperature calibration.

5. **Temperature locking and unlocking:** When the temperature needs to be locked in certain occasions, please use a screwdriver to turn it clockwise.Tighten the screw of the temperature setting knob until the temperature setting knob does not move.Turn the screwdriver counterclockwise to loosen the screw of the temperature setting knob until the temperature setting knob can set the temperature.

6. **Temperature unit conversion:** Temperature unit conversion: Turn off the temperature potentiometer to the maximum, turn on the power switch, when the LED displays the temperature unit, quickly turn the potentiometer to the lowest end to convert the temperature unit.

7. **Fault display:** When the LED displays "S-E", please check whether the handle wire is correctly connected or the heating core is connected,Whether the sensor is damaged, when the LED displays "H-E", it means that the heating core is damaged and the temperature cannot be controlled normally.

8. **Maintenance before shutting down:** Before shutting down, please add an appropriate amount of tin to the tin surface of the soldering iron head, and set the temperature to rotate. Adjust the button to the minimum value, and finally turn off the power switch on the main unit.

Technical Specifications

Power Consumption	60W
Input Voltage	110VAC ± 10% 60Hz Ⅱ 230VAC ± 10% 50Hz
Output Voltage	24VAC
Temperature Range	200～480℃
Temperature Stability	±5°C (still air, no load)
Temperature Accuracy	±10°C
Tip-to-ground Impedance	<2Ω
Mainframe dimensions	168（L）X113（W）X91（H）mm
Weight	about 1.8Kg
Package Contents	1 x Stations , 1 x Soldering Iron,1 x iron holder (including cleaning sponge),1 x user's manual