

# Temperature Controlled Soldering Station

Model: ZD-932



## 1. Features

- Perfect for board level assembly and repair.
- Temperature sensor incorporated into the heating element.
- Rotary temperature setting.
- Slim but heat resistant silicon handle.
- The base, soldering iron, cable, built-in stand and sponge holder are included.
- Temperature range is 150-450°C.

## 2. Technical Specifications

Voltage: 110-130V 60Hz

220-240V 50Hz

Power: 40W

Temperature: 150-450°C

## 3. Operation

3.1 Place the soldering iron in the holder and connect the plug to the receptacle on the station and turn clockwise to tighten the plug nut.

3.2 Check that the available power supply corresponds to the voltage specifications for the soldering station and the power switch is in the OFF position.

3.3 Connect the mains plug to a socket and turn on the soldering station by using the power switch (I=ON/0=OFF). When turned on, the power switch is lit.

3.4 Regulate the desired temperature of the soldering iron with the adjusting knob.

## 4. Safety

4.1 The manufacturer assumes no liability for uses other than those described in the operating instructions or for unauthorized alterations.

4.2 The operating instructions and cautions should be read carefully and kept in an easily visible location near the soldering station. Non-compliance to the cautions can result in accidents, injury or other health risks.

4.3 The power cord should only be plugged in to approved power sockets or adapters.

4.4 The temperature of the soldering tip can reach as high as 450°C (842°F) when powered up.

Since mishandling may lead to fire, be sure to comply with the following safety precautions:

- Do not touch metallic parts near the soldering tip.
- Do not use this product near flammable items.
- Advise others in the work area that the unit can reach very high temperatures and should be considered potentially dangerous.
- Turn off the power switch when unit is not in use.
- Before replacing parts or storing the product:
  1. Turn off the power.
  2. Unplug it.
  3. Allow soldering iron time to cool to room temperature.

**Warning: The soldering iron should always be placed in the stand when not in use.**

A fire may result if the appliance is not used with care, therefore:

- Caution when using in places where there are combustible materials
- Do not apply soldering tip to the same place for a long time
- Do not use around or near explosive materials
- Place the soldering iron in its stand after use and allow it to cool to room temperature before storage
- Do not leave the appliance unattended when on

## **5. Caution**

Do not use this tool for any applications other than soldering or desoldering.

Do not wrap the iron against the workbench or otherwise subject the iron to severe shocks.

Do not file the soldering tip to remove any oxide, please wipe the tip on the cleaning sponge.

Use only accessories or attachments that are approved for use with this soldering station. Use of unapproved tools and other accessories can lead to potential injury, and void any warranty.

Please turn off the power before connecting or disconnecting the soldering iron.

5.1 Before use, the soldering station should be carefully inspected for damage. Please make sure that all power connections are properly secured. Damaged safety devices such as the soldering iron holder and other parts must be repaired or replaced by a qualified technician prior to use.

5.2 Do not use this soldering tool in a moist or wet environment. The soldering iron should be placed in the holder after use.

**This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children unless they are older than 8 and supervised.**

**Do not operate the appliance with a damaged plug or cord, after a malfunction or after being dropped or damaged in any way. If the supply cord is damaged, it must be replaced by a qualified engineer in order to avoid injury or hazard. The soldering iron must be placed on its stand when not in use.**