

Temperature Controlled Soldering Station

Model: ZD-929C



1. Features

- The versatile soldering station is suitable for a wide range of soldering tasks, ideal for fine electronic work.
- Heats up rapidly with long-life ceramic element.
- Electronically controlled temperature with LED display.
- The base, soldering iron, cable, built-in stand and sponge holder are included.
- 48W temperature controlled soldering station with adjustable range from 160°C to 480°C

2. Technical Specifications

Voltage: 220-240V 50Hz

Power: 48W

Temperature: 160°C to 480°C

Spare soldering iron

Voltage	Power	Model	Note	Spare Tips
24V	48W	88-201B	with 5 pins	N1 series

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 Plug the control unit in to the power supply and switch on the power.

4. The display and temperature setting

- With the display switch on “SET”, use the temperature control knob to select the required tip temperature.
- Turn the display switch to “READ” and the LED readout will show the actual temperature of the tip. This will change until the tip reaches the set temperature.
- Switch the temperature display between °C to °F by pressing the "°C/°F" button.
- When the actual temperature on the soldering tip is less than the set temperature, the red light which means “HEAT ON” will flicker.

5. Safety

- 5.1 The manufacturer assumes no liability for uses other than those described in the operating instructions or for unauthorized alterations.
- 5.2 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.
- 5.3 The power cord should only be plugged in to approved power sockets or adapters.
- 5.4 The temperature of the soldering tip can reach as high as 400°C (752°F) when powered on.

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 system 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 system:
 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.

6. 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.

6.1 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.

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

This soldering station must be kept out of the reach of children. This device is not intended for use by individuals with reduced physical, sensory or mental capabilities, or lack of training, experience and knowledge, unless a person responsible for their safety has provided supervision or instruction concerning the use of this device.