

Temperature Controlled Soldering Station

Model: ZD-8962



Warning

Please note the following safety notes to avoid malfunctions, damage or physical injury:

- On first use the soldering iron may produce smoke, this is just grease used in manufacturing burning off. It is not harmful to the product or user.
- This item 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 item by a person responsible for their safety.
- Keep the item or its packaging materials out of children's reach.
- Do not leave the item unsupervised while it is turned on. Keep children away while the item is in use.
- Do not use it if the item or its power cord has been damaged.
- Do not run the power cord around sharp edges or over hot surfaces.
- Be warned of being burned: Do not touch the metal part of the iron when it's in use as its temperature will be quite high.
- Be extra careful when using the soldering iron around combustible materials.
- Place the soldering station on a solid, level surface.
- During soldering harmful fumes may escape. Work only in well ventilated places.
- Protect your eyes and body from splashing hot solder by wearing suitable protective gears.
- Turn off the item and unplug it when it's not in use or before cleaning. Do not pull on the power cord, always grasp the plug itself.
- Allow the item to cool down before cleaning or storing.
- Do not use the item outdoors.
- Do not immerse the item in liquids of any kind. Do not use the item to heat plastic or liquids.
- Do not disassemble the item or try to repair it yourself. It does not contain serviceable parts for you.

Features

- A temperature controlled soldering station with adjustable temperature range from 160°C to 480°C.
- A two-line LED readout simultaneously displays temperature setting and actual temperature.
- Integrated tip and heater which is plug-and-play and easy to replace.
- Heats up rapidly and can melt tin within 8s.
- Gloss finish pleasing to the eye.
- Compact and lightweight soldering iron with silicone cord.

- Enters standby mode with a standby temperature of 200°C when not in use for 10 minutes. Take the iron from the stand to re-activate it
- Easier way to achieve °C/°F conversion with the °C/°F button.
- The CH button: a preset button for temperature setting. hold the CH button for 2 seconds until the temperature setting flickers. Press the button "+" or "-" to preset the temperature. Finally press the CH button again to confirm.
- Temperature calibration: press and hold the °C/°F button for 3s to enter the temperature calibration mode. If the temperature setting is lower than the actual temperature, turn up the value. Otherwise turn down the value. Every press of the buttons represents $\pm 10^\circ\text{C}$.

Specifications

- Heater: high quality coated heater, 160°C-480°C(320°F-896°F)
- Input voltage: Available in AC 110-130V 60Hz or AC 220-240V 50Hz(Please refer to the rating label on the product)
- Output voltage: 24V
- Power: 70W

Operation

- Unpack the soldering station and check all parts. Damaged parts must not be put into operation.
- Install the iron stand and wet the cleaning sponge with water.
- Put the soldering iron into the stand.
- Place the soldering station on a solid and dry surface
- Plug in the soldering station and turn it on (I=ON/O=OFF).
- Adjust the temperature buttons "▲" and "▼".
- Test the temperature by touching the iron tip with solder. If the solder melts easily, you can start soldering.
- Tin the hot iron tip with solder; wipe off excessive solder with the wet cleaning sponge.
- Heat up the soldering point with the iron and add solder.
- Wait till the solder cools down.
- Clean the tip with the wet sponge after each soldering.
- After the work is done, put the soldering iron back into the stand to cool down and turn off the soldering station.
- For larger soldering points, set the temperature higher to better perform the soldering.
- Lower the temperature during breaks, which saves energy and extends the life of the soldering tip.
- Do not file off the soldering tip, or it will be damaged.
- Always put the soldering iron in the stand when it is heating up or during breaks.
- Only use dedicated solder for electronics. Acidic solder can damage the tip or the item.
- Always unplug the item before cleaning it. Unscrewing the housing is not permitted.
- Turn to professional for cord replacement or service.
- WARNING - This tool must be placed on its stand when not in use
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Maintenance

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid hazard.

General cleaning

The outer casing of the iron or station may be cleaned with a damp cloth using small amounts of liquid detergent. Never submerge the item in liquid or allow any liquid to enter the casing of the station. Never use solvent to clean the casing.