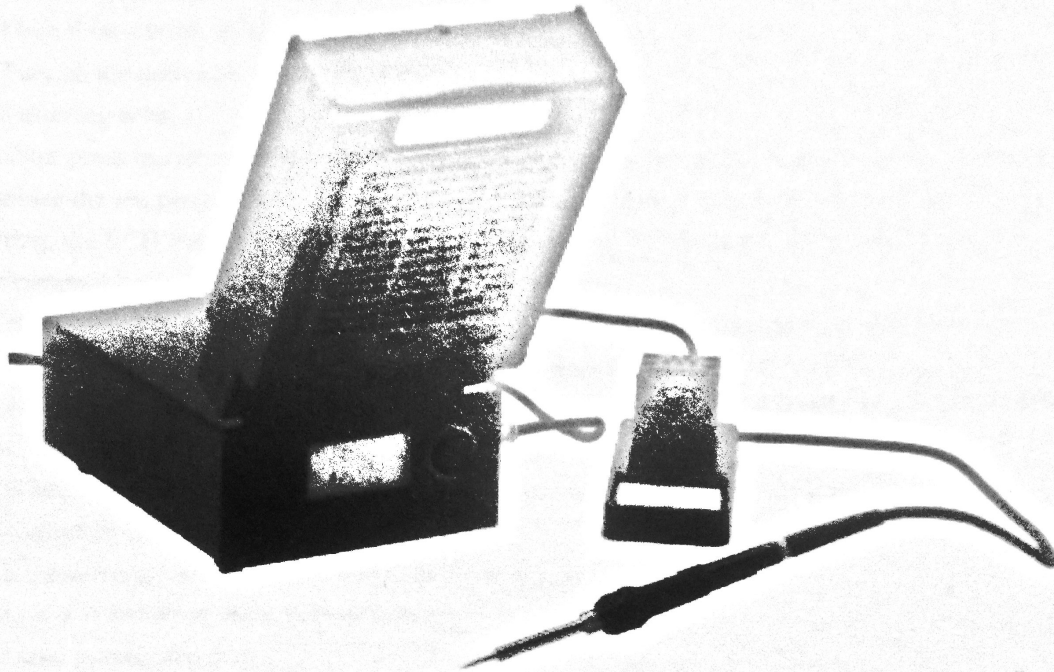


# Temperature Controlled Soldering Station & Fume Extractor with LED Lighting 3 in 1 Combo

Model: ZD-8951



## **Follow the safety notes to avoid malfunctions, damage or physical injury:**

- Please read this manual carefully and use the item only according to this manual.
- Observe the valid safety regulations for your workplace.
- Work only in well ventilated places.
- Persons with limited physical, sensorial or mental abilities are not allowed to use the item, unless they are supervised for their safety by a qualified person or are briefed by the responsible person how to use the item.
- 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.
- Make sure the voltage corresponds to the rating label on the item.
- 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.
- Do not operate the soldering iron near combustible objects.
- Do not work on electrically live parts.
- Hold the soldering iron only on the isolated handle.

- During breaks and after using the item, do not leave the item unattended while it is turned on. Keep children away from the item while it is in operation.
- Unplug the item while it is not in use or being cleaned. Do not pull on the power cord, always grasp the plug.
- Always allow the item to cool down completely before cleaning or storing it.
- Change the soldering iron tip only when it has been turned off and cooled down.
- Do not use the item outdoors.
- Do not immerse the item in liquids of any kind.
- Do not continue using the item after it or its power cord has been damaged. Have it repaired by a professional.
- If the supply cord is damaged, it must be replaced by the manufacture, its service agent or similar qualified persons in order to avoid a hazard
- Do not disassemble the item or attempt to repair it by yourself. It does not contain any parts serviceable for you. In case of questions or problems, turn to our customer service.
- Ensure that the fan is switched off from the supply mains before removing the guard.

### Specifications:

Input voltage: AC220 - 240V 50Hz / AC110 - 130V 60Hz

#### • Soldering iron:

Power: 60W (max 130W)

Temperature: 160°C - 480°C (320°F - 896°F)

Display: LCD

Knob: 360°

#### • Fume extractor

Power: 23W

Air flow: 1m<sup>3</sup>/min(max)

#### • LED lighting

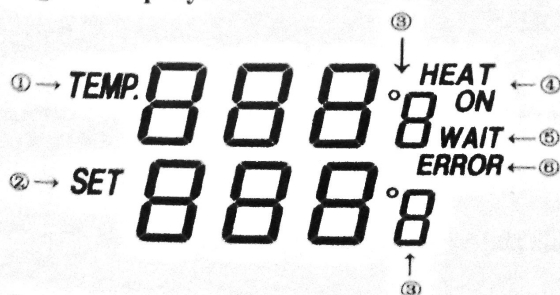
Power: 5W

Lighting: 12 LEDS

Life: 10000 hours

Lumen: 242.0 lm

### Digital display:



- ① Actual temperature of the soldering iron
- ② Set temperature of the soldering iron
- ③ °C/°F
- ④ HEAT ON

⑤ WAIT

⑥ ERROR

## Operation:

*Notice: The soldering iron, fume extractor and LED Lighting can be used separately or together.*

1. Take the station out of the package and dispose of the packaging material (e. g. plastic bags) or store it out of children's reach. There is a danger of suffocation!
2. Place it on a level, solid surface and plug it in.
3. Turn on the power switch at the back of the station.

### ● Soldering iron

1. Short press the temperature knob and the LCD display will light up. Turn the knob clockwise to increase the temperature and anticlockwise to lower it. When its actual temperature reaches the setting, the LCD display will turn from yellow into white. To turn off the iron, long press the temperature knob for 3 seconds.
2. When the iron is turned on, short press the temperature knob to change between °C and °F.
3. When the actual temperature of the iron is lower than the setting, "HEAT ON" will display.
4. When the difference is more than  $\pm 10^{\circ}\text{C}$  between the actual and setting temperatures of the iron, "WAIT" will display. Wait until it has disappeared.
5. When "ERROR" displays, there may be some problem with the system. Or the soldering iron is not correctly connected.
6. It has a temperature memory function. When you turn on the iron next time, its temperature setting will remain at what you set last time.

### ● Fume extractor

1. Loosen the knob at the side of the station and adjust the fume extractor's angle as required. Then tighten the knob to lock it.
2. Turn it on with its switch on the panel.

### ● LED lighting

1. Turn on the LED with its switch on the panel.
2. If the LED lighting is dazzling, slide down the shade.

## Maintenance

### ● How to change the soldering iron tip or heating element

1. Loosen the knurled nut with a pair of needle-nose pliers or a similar tool
2. Change the tip or heating element.
3. Put all parts back in place and tighten the knurled nut.

**Warning! Do not change the tip or heating element until the soldering iron has been turned off and cooled down completely. There is a risk of injury!**

### ● How to change the carbon filter

1. When the activated carbon filter has become pale and hardened, it needs to be changed.
2. Remove the guard and change the filter.
3. Put the guard back in place.

## Disposal