

protech

ESD Safe Solder/Desolder Rework Station

HOBBYIST

with 60W Soldering Iron and
300W Hot Air Gun



User Manual

TS1648

IMPORTANT SAFETY INFORMATION:

- When using electrical appliances basic safety precautions should always be followed.
- Check that the voltage indicated on the rating plate corresponds with that of the local network before connecting the appliance to the mains power supply.
- 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.
- Ensure there is sufficient space and ventilation around the appliance to allow the escape of heat and/or fumes.
- Never place the product or part of it in water, or operate if your hands are wet.
- Wear appropriate clothing and safety goggles while soldering.
- Soldering work must be conducted on a stable, non-combustible surface.
- Do not touch any metallic parts near the soldering tip/nozzle.
- Do not leave the soldering iron unattended while it is switched on.
- Wash your hands thoroughly after working with solder.
- Make sure the power switch is in the "off" position and disconnect the plug when the unit is not in use.
- Before storage, ensure the power is off and allow the station to cool down to room temperature.

ABOUT:

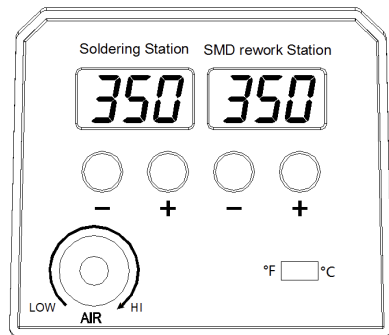
This 2 in 1 SMD hot air rework station is an excellent tool for soldering work and it is super high cost-effective. It is suitable for soldering and desoldering all types of surface mounted IC, PCB or components. The innovative heater and sensor provides a quick heat-up and rapid temperature recovery. The hot air pump handle is embedded with sensor. The unit will immediately enter into Working Mode when you pick up the handle, and will go into Standby Mode when you put the handle back to the holder.

OPERATING INSTRUCTIONS:

Place the soldering iron /hot air pump in the holder separately. Then connect the plug to the receptacle on the station and turn clockwise to tighten the plug nut. Check that the power supply is corresponding to the specification on the type plate and the power switch is on the "OFF" position. Connect the control unit to the power supply and switch on the power. Then a self-test is carried out in which all display elements are switched on briefly. The electronic system then switches on automatically to the set temperature and displays this value.

THE DISPLAY AND TEMPERATURE SETTING:

1. Press the button "+" or "-" to adjust the temperature. In short press, the set-point will change $\pm 1^{\circ}\text{C}$. In long press, the set-point will change quickly and reach your target temperature.
2. "°C/°F" is the transfer button between °C /°F. The default unit is °C, press the "°C /°F" button to make change between °C and °F.
3. The air flow rate can be adjusted by the knob. When you rotate the knob to the LOW side, the air flow slows down; When you rotate the knob to the HI side, the air flow goes up;
4. This item has sleep function. When you put the air pump on the racket, the item will stop heating, and the display shows "SLP"(means SLEEP) , when you pick up the air pump , the item will immediately get back to the set temperature.
5. Please note: "EEE" in soldering iron OSD means the soldering iron does not heat, and not at work.



MAINTENANCE:

Before further use, safety devices or slightly damaged parts must be carefully checked for error-free and intended operation. Inspect moving parts for error-free operation and that they don't bind, or whether any parts are damaged. Damaged safety devices and parts must be repaired or replaced by a qualified technician, so long as nothing else is indicated in the operation manual. Use only accessories or attachments which are listed in the operation manual. Use of other tools and other accessories can lead to a danger of injury.

TECHNICAL SPECIFICATIONS:

Voltage: 220-240V~50Hz

Soldering iron: 24V, 60W

Hot air pump: 300W

Temperature range: 50-480°C(soldering iron), 100-500°C (hot air pump)

WARNINGS:

The appliance must be placed on its stand when not in use.

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

- be careful when using the appliance in places where there are combustible materials;
- do not apply to the same place for a long time;
- do not use in presence of an explosive atmosphere;
- be aware that heat may be conducted to combustible materials that are out of sight;
- place the appliance on its stand after use and allow it to cool down before storage;
- do not leave the appliance unattended when it is switched on.

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.

Children should be supervised to ensure that they do not play with the appliance.

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.

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