Desoldering Rework Station
Model：ZD-8965

1. Description

• Temperature controlled soldering station with adjustable range from 160˚C to 480˚C.
• LED display to indicate the temperature
• Economical desoldering station designed for use with lead free solders.
• Ergonomic pistol grip Head with trigger for rapid removal of solder.
• Displays both the Set Point & the Actual Tip temperature.
• Desoldering gun and holder included.

2. Specifications

Heater: high quality coated heater, 160℃-480℃(320℉-896℉).
Input voltage: Available in AC 110-130V 60Hz or AC 220-240V 50Hz
Output voltage: DC18V.
Power: 140W.

3. Control Unit

The desoldering gun is controlled automatically by the micro-processor. The digital control electronics, high-quality sensor and heat exchange system guarantee precise temperature control at the soldering tip. The highest degree of temperature precision and optimal dynamic thermal behavior under load conditions is obtained by the quick and accurate recording of the measured values in a closed control circuit, and this design is especially for the lead-free production technics.

Desoldering gun

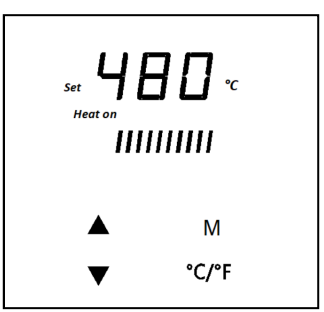
Desoldering gun Heat up rating 140W and a wide spectrum of soldering tips（N5 series）can be used anywhere in the electronics field.

The high power and gun type design make this gun suitable for fine desoldering work. The heating element is made of PTC and the sensor on the desoldering tip can control the desoldering temperature quickly and accurately.

4. Operating Instruction

Place the desoldering gun in the holder separately. Then connect the plug to the station and turn clockwise to tighten the plug nut. Check that the power supply conforms with the specification on the 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. The system will switch on automatically to show the set temperature and displays the value.

5. The display and temperature setting



1. Set the temperature by pressing the TEMP. buttons of “▲” or “▼” with “Set” shown on LED display. Once done, “Set” will go out in 2s and the actual temperature will be displayed.

In short press, the set-point will change ±1℃.

In long press, the set-point will change quickly and reach your target temperature.

2. The asterisk (M) button is a preset button for temperature setting. Touch and hold the (*) button for 2 seconds until the temperature setting flickers. Then touch the button "▲" or "▼" to preset the temperature. Finally touch the (M) button again to confirm.

4. “℃/℉” is a switch button between ℃/℉. The default unit is ℃ and press the button to change between ℃ and ℉.
5. This item has sleep function. When it is not in use for 10 minutes, it stops heating with “Sleep” shown on LED display. When you pick up the gun, it starts heating immediately with “Sleep” going out and “Heat on” shown until it reaches the temperature setting.
6. The bar in the bottom line shows whether the air pump is in work or not.

6. Caution！

The power cord only can be inserted in approved power sockets or adapters.

High Temperature

The temperature of the soldering tip will reach as high as around 400℃（752℉）when the power switch is on. Since mishandling may lead to burns and fire, be sure to comply with the following precautions:

* Do not touch metallic parts near the soldering tip/ nozzle.
* Do not use this system near the flammable items.
* Advise other people in the work area that the unit can reach a very high temperature and should be considered potentially dangerous.
* Turn off the power switch while taking breaks and when finishing using.
* Before replacing parts or storing the system, turn off the power and let it cool down to the room temperature.

Warning: this tool 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 material;
----do not apply to the same place for a long time;
----do not use in presence of an explosive atmosphere;
----be aware heat may be conducted to combustible materials that 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.

Take care of your tools

Do not use the tools for any applications other than soldering or desoldering.
Do not rap the iron against the work bench or otherwise subject the iron to severe shocks.
Do not file the soldering tip to remove the oxide, please wipe the tip on the cleaning sponge.
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.
Please turn off the power before connecting or disconnecting the soldering iron.

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.

Keep out the reach of children

Warning: this appliance is not intended for use by young children and infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely。

Warning: Young children should be supervised to ensure that they do not play with the appliance.

Protect yourself against electrical shocks

Avoid touching grounded parts with your body, e.g. pipes, heating radiators and so on. The grip of antistatic designed soldering tool is conductive.

Work environment

Do not use the tool in a moist or wet environment.