multicomp PRO

Soldering Iron
MP740970

Safety Information

Please read these instructions carefully before use and retain for future reference

Warning

When power is on, temperature of soldering tip might reach 200~500°C(392~932°F).
Misuse may cause burns and fire, please strictly observe the following precautions:

- Do not touch the soldering tip or metal part around it while in use
- Do not use it around combustibles
- Inform people around of the potential risk caused by high temperature when using
- Turn the power off when not in use
- Before replacing parts or tip, turn off the power and wait till the iron tip cools down to room temperature
- Do not use this product if you are inexperienced or have no sufficient necessary knowledge without the guidance of related qualified personnel
- Please keep it out of reach of children
- If the power cord is damaged, please ask the manufacturer or its service agent or similar qualified personnel to repair it, so as to avoid personal injury or damage to product

Please strictly observe the following precautions, otherwise it may cause injuries.

- Do not use this product for works other than soldering
- Do not hit the handle hard for removing tin on iron tip
- Do not modify this product
- Do not allow this iron to come into contact with water or use it with wet hands
- Disconnect from the mains supply after using
- Smoke will be emitted during soldering, please use it in well ventilated space
- Do not engage in other dangerous acts with this product

Note: Put the soldering iron on a holder when not in use

This appliance can be used by children aged from 8 years and above and persons with reduced physical,sensory ormental 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.

2. Calibration

Temperature calibration should be done when lack of precision because of changing heater or other reasons.

1) Tools: a slotted screwdriver, an accurate temperature measurement device which can measure temperature above 500ºC (932ºF) (please don't use infrared thermometer.)
2) Plug in the soldering iron and set temperature 350ºC (662°F) wait for temperature to stabilise.
3) Measure the soldering tip temperature, and adjust the CAL hole to make the measured value equal to the scale value.
4) Repeat step 3 to improve accuracy, until the difference between actual temperature and setting temperature is less than 5ºC / 9ºF, calibration is complete.

3. Heater change

When the heater needs changing, please unplug the soldering iron first!

1) After unplug the soldering iron, wait till the soldering tip cools down to room temperature.
2) As Fig 1, push the handle silicone sleeve to it's left untill you see the screw, and unscrew it.
3) Pull out the heater and replace with a new one, remember to push it fully home.
4) Retighten the screw to secure the heater.
5) Push the silicone sleeve to its right so it can cover the screw again.

- When replacing the heating core, select a core with the voltage corresponding to the local mains supply.

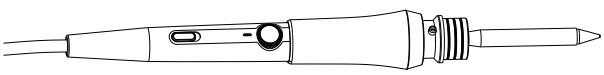


Fig 1

Maintenance

In order to make this product durable, please maintain it regularly. The loss rate of this product depends on the using temperature, the quality and quantity of soldering tin and soldering AIDS,etc. Please maintain it according to the specific use conditions.

Warning

Please pay close attention to the high temperature during operation. Except for special instructions, please cut off the power and unplug the soldering iron after using.

Soldering tip maintenance

1) Set temperature to 250 ℃ (480 °F).
2) After temperature gets stable, clean the soldering tip with brass wool, and check its condition.
3) If there's black oxidation on it, apply new tin(with solder aid), and wipe it with brass wool till it's clan. Then apply new tin again.
4) Please replace it when the soldering tip is visibly deformed, perforated or worn-out.

Specification

Model no.	MP740970
Input voltage	220-240V~, 50-60Hz
Power	80W
Temperature range	200-500°C(392-932°F)
Temperature stability	±2°C/±4°F(Temperature≥200°C/400°F)
Tip-to-ground impedance	<0.1Ω
Tip-to-ground voltage	<2mV
Heating element	T60B serial integrated active heater
Length	1.55m
Weight	160g

Note: specifications and appearance are subject to change for product improvement without prior notice

Operation

1. Operation steps

1) 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
2) Plug into a mains socket, and switch on the product
3) Turn rotary control to set the desired temperature
4) LED indicator is on, meaning the product temperature is rising
5) LED indicator flashes, meaning temperature is getting to the setting temperature
6) When temperature gets stable, which is often after LED indicator flashes for 20-40 seconds, it's ready for work
7)When finished , please clean soldering tip and apply new solder on it to prevent oxidation, then turn off the power
8) When product on power but not in use, don't put it vertically because it might shorten the product service life
9) Always disconnect from the mains when not in use

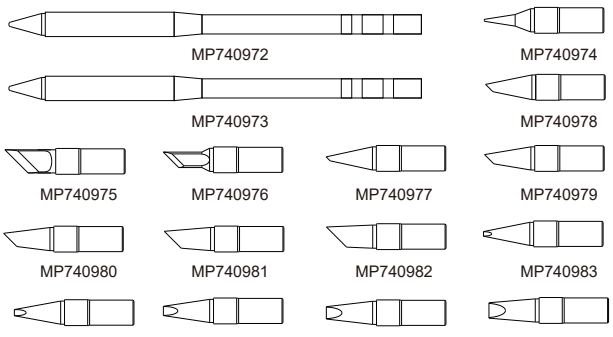
Troubleshooting Guide

Warning

- when checking or replacing parts, be sure to pull out the power plug first, otherwise there is a risk of electric shock
- If the power cord is broken, it must be sent to the manufacturer, agent shop or maintenance personnel with the same qualification for repair to avoid potential danger.

Failure	Inspection method	Problem Solving
Not working after power on	Check if the power plug connects well	Reconnect the power plug
Soldering tip sometimes do not get hot enough	Check if the heater is installed well	Install the heater nicely
Solder won't attach to the soldering tip	Check if the soldering tip temperature is too high	Adjust to suitable temperature
	Check if there's oxidation on the soldering tip	Wipe off the oxidation with brass wool
Temperature of soldering tip is too low	Check if there's oxidation on the soldering tip	Wipe off the oxidation with brass wool
	Check if the temperature of soldering tip is right	Adjust to suitable temperature
Can't reach setting temperature	Check if the temperature of soldering tip is right	adjust to suitable temperature
	Check if it's calibrated correctly	Calibrate the temperature according to instruction in the user manual

T60 Soldering tip



INFORMATION ON WASTE DISPOSAL FOR CONSUMERS OF ELECTRICAL & ELECTRONIC EQUIPMENT.

When this product has reached the end of its life it must be treated as Waste Electrical & Electronic Equipment (WEEE). Any WEEE marked products must not be mixed with general household waste, but kept separate for the treatment, recovery and recycling of the materials used. Contact your local authority for details of recycling schemes in your area.

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