



**SOLDERING STATION 80W
MP740893**

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Safety precautions

	Warning	Misuse of this product may lead to serious injury or death to the user.
	Caution	Misuse of this product may lead to serious injury to the user or material damage to the object involved.

To avoid electric shock or injury to the human body or fire hazard, the following basic rules must be observed when using the equipment. In order to ensure personal safety, only parts and accessories approved or recommended by the original factory can be used, otherwise serious consequences may occur!

WARNING

When using this product, the soldering pencil/soldering tip, with the temperature up to 80-480°C, may cause burns to the user or cause a fire due to improper application. So Users shall strictly observe the following rules:

- Keep this product away from flammable materials.
- Keep the product out of children's reach.
- Do not use this product if you are inexperienced or have no sufficient necessary knowledge without the guidance of related personnel.
- Do not use this product under wet environment or with wet hands to avoid electric shock.
- Do not modify this product and its accessories without authorization.
- Please turn off the power when replacing parts and iron tips, and not resume the use until the equipment is completely cooled down.
- Please use the accessories from the original factory when replacing the product parts.
- Make sure to turn off the power switch when the equipment is temporarily stopped or out of use.

Essential knowledge for users

Users are required to have basic knowledge of common sense and electrical operations before using the product. Minors shall use the product under the guidance of a professional or guardian.

Packing list

Main unit (including machine, power cable and handle) x 1 pc
Soldering wire holder x 1 pc
User manual x 1 pc

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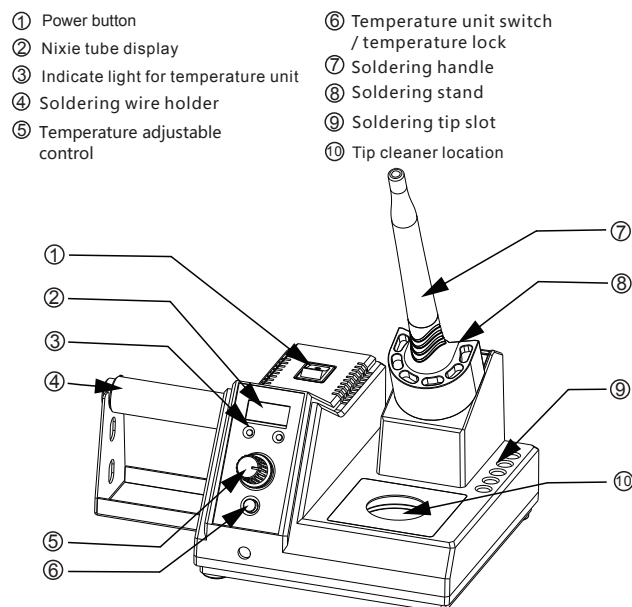
Features

- This product designed with nixie tube display.
- Combined soldering station with soldering stand.
- MCU controlled temperature calibration with PID system equipped, adjust temperature by knob button, easy to operate.
- The handle structure is ergonomically designed for comfortable grip.
- The heating wire and sensor are made of PTC material, which is quick in temperature rise and precise in temperature control.
- Auto-standby, auto-shut down is available.
- Using 3 cored power cable.

Specification

Item No.	Voltage	Power	Temperature range
MP740893	110/240V AC	80W	80°C~480°C
Temperature stability	Adjustable method	Temperature unit	Display method
± 2°C	Rotary control	°C/°F	Nixie tube

Appearance and control panel



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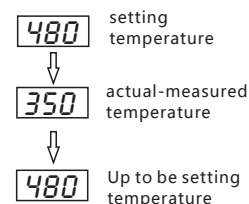
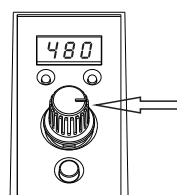
Operational guide

1. power button

Turn on after this device given by power. Set the temperature you want will be shown on the nixie tube display by knob. It will show the real temperature value of the soldering tip after 3 seconds.

2. Temperature Setting

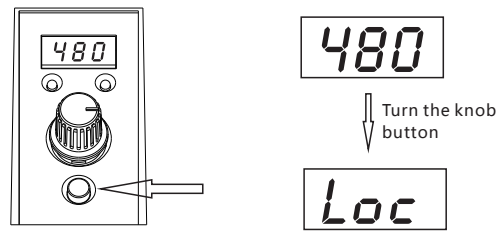
When this device is working, it can adjust temperature rapidly by temperature knob, the setting temperature will be shown when adjusting temperature, the real temperature of soldering tip will be displayed after stopped adjusting temperature for 3 seconds. Temperature range is 80~480°C.



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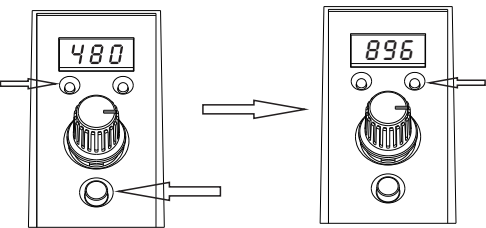
3. Temperature Locking Function

Press LOOK/°C/°F button for 3 seconds at the same time under working mode, the current temperature will be locked, the temperature won't be changed by turning the knob button, and display LOC for locking temperature. Can unlock the current temperature by pressing LOOK/°C/°F button for 3 seconds again when temperature locking.



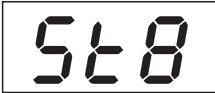
4. Switching Temperature Unit

The current temperature unit will be switched by pressing LOOK/°C/°F button at the same time under working mode, the indicate light of temperature unit will be changed accordingly .



5. Auto Standby Function

When the soldering not in use and put the soldering iron on the iron holder, it will auto standby after 10 minutes, heater is heating up to 200 °C, nixie tube display STB , pick up the soldering iron and back to normal working mode.



6.Auto Sleep Function

In auto standby mode, the soldering station will auto sleep after 20 minutes, nixie tube display SLP , the heaing core is not heated , it will get back to normal work mode by adjusting the knob or pressing the button. (P.S. It will auto sleep when not in use machine doesn't operate and turn to sleep mode)



7. Warning

E02 shown on the display screen means there is error for sensor.



Soldering tips

PartNo	Description	BrandPartNo	StatSuppPartNo
2381853	TIP, SOLDERING, CHISEL, 0.8MM	21-10140	900M-T-0.8D
2381857	TIP, SOLDERING, CONICAL, 0.5MM	21-10148	900M-T-B
2381856	TIP, SOLDERING, CHISEL, 2.4MM	21-10146	900M-T-2.4D
3287176	SOLDERING TIP, 160DEG BENT, 12MM	MP001717	T900-IS
3287171	SOLDERING TIP, 45DEG CONICAL, 0.5MMX15MM	MP001712	T900-0.5C
3287172	SOLDERING TIP, 45DEG CONICAL, 0.8MMX17MM	MP001713	T900-0.8C
3287173	SOLDERING TIP, 60DEG SPOON, 1MM X 15MM	MP001714	T900-1C
3287170	SOLDERING TIP, CHISEL, 3.2MM X 17MM	MP001711	T900-3.2D
3287177	SOLDERING TIP, 45DEG CHISEL, 5MM X 15MM	MP001718	T900-1.6K
2381854	TIP, SOLDERING, CHISEL, 1.2MM	21-10142	900M-T-1.2D
2381855	TIP, SOLDERING, CHISEL, 1.6MM	21-10144	900M-T-1.6D
2381859	TIP, SOLDERING, ANGLED CHISEL, 2MM	21-10152	900M-T-2C
2381858	TIP, SOLDERING, CONICAL, 0.2MM	21-10150	900M-T-LB
2062635	TIP, SOLDERING IRON, CHISEL, 0.8MM, PK10	21-10140	900M-T-0.8D
2062640	TIP, CONICAL, 0.2MM, PK10	21-10150	900M-T-LB
3287179	SOLDERING TIP, 45DEG KNIFE, 14MM	MP001719	T900-SK
3287181	SOLDERING TIP, 45DEG KNIFE, 5MM X 15MM	MP001720	T900-K
3287174	SOLDERING TIP, CONICAL, 0.2MM X 13MM	MP001715	T900-SI
3287175	SOLDERING TIP, CONICAL, 0.2MM X 14MM	MP001716	T900-SB
2381860	TIP, SOLDERING, ANGLED CHISEL, 3MM	21-10154	900M-T-3C
2062645	TIP, CONICAL, MICRO, 0.2MM, PK10	21-10158	900M-T-I
2062638	TIP, CHISEL, 2.4MM, PK10	21-10146	900M-T-2.4D
2062636	TIP, CHISEL, 1.2MM, PK10	21-10142	900M-T-1.2D
2062637	TIP, CHISEL, 1.6MM, PK10	21-10144	900M-T-1.6D
2062644	TIP, CHISEL, ANGLED, 4.0MM, PK10	21-10156	900M-T-4C
2381863	TIP, SOLDERING, MICRO CONICAL, 0.2MM	21-10158	900M-T-I
2381861	TIP, SOLDERING, ANGLED CHISEL, 4MM	21-10156	900M-T-4C
2062643	TIP, CHISEL, ANGLED, 3.0MM, PK10	21-10154	900M-T-3C
2062639	TIP, CONICAL, 0.5MM, PK10	21-10148	900M-T-B
2062642	TIP, CHISEL, ANGLED, 2.0MM, PK10	21-10152	900M-T-2C



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.

Made in China.
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