



说明书材质要求：105g 有光铜版纸	说明书成品尺寸： 105x143mm
第一：专色+CMYK油墨要求： 1.K色油墨：洒联黑墨	第二：特别注意： 暂无
	 Black（单色印刷）
折叠方式： 风琴折	备注：

特别注意：此页内容不印刷

风琴折 + 对折 页面顺序

16P 页面顺序

9	10	11	封面
12	13	14	封底

1	2	3	4
5	6	7	8

20P 页面顺序

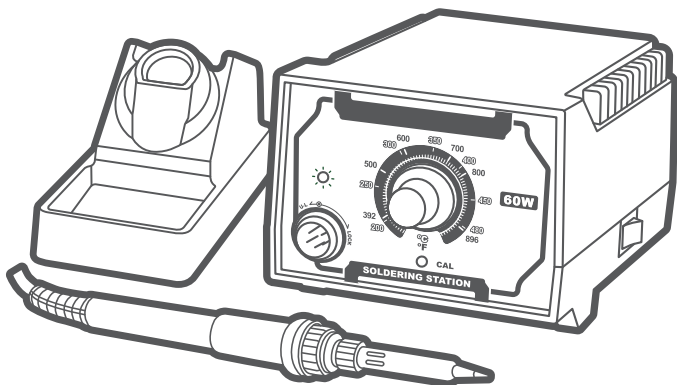
11	12	13	14	封面
15	16	17	18	封底

1	2	3	4	5
6	7	8	9	10

更改记录	1. 品牌互转			1. 新风格说明书			1. 添加新货号 2. 更新说明书风格		
	0723.J01	2023.07.07	LZH	1123.J02	2023.11.25	LLQ	0624.J03	2024.6.26	QX
	版本号	日期	设计师	版本号	日期	设计师	版本号	日期	设计师

Jadever

SOLDERING STATION



JDEL7506 JDEL7506xy
UJDEL7506 UJDEL7506xy
x(blank,1,2,3,4,5,6,7,8,9,E,S,A,M)
y(blank,-1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

**PRODUCT
MANUAL**

GENERAL POWER TOOL SAFETY WARNINGS

⚠ WARNING Read all safety warnings, instructions, illustrations and specifications provided with this power tool. *Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2) Electrical safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way.** **Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*
- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of*

electric shock.

3) Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.**
- b) **Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.**
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.**
- d) **Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.**
- e) **Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.**
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.**
- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.**
- h) **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.**

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.**
- b) **Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be**

repaired.

- c) **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
- h) **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

5) Battery tool use and care

- a) **Recharge only with the charger specified by the manufacturer.** *A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.*
- b) **Use power tools only with specifically designated battery packs.** *Use of any other battery packs may create a risk of injury and fire.*
- c) **When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another.** *Shorting the battery terminals together may cause burns or a fire.*
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid**

contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

- e) **Do not use a battery pack or tool that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.**
- f) **Do not expose a battery pack or tool to fire or excessive temperature. Exposure to fire or temperature above 130 °C may cause explosion.**
- g) **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions. Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.**

6) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.**

THE SYMBOLS IN INSTRUCTION MANUAL

	Read the instruction manual before using.
	CE conformity.
	Safety alert. Please only use the accessories supported by the manufacturer.
	Wear safety glasses, hearing protection and dust mask.
	Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

ADDITIONAL SAFETY WARNING

WARNING!

Temperature of iron tip will be more than 200°C after connecting power, so it may lead to in-jury of fire because of improper usage.

Do not subject the main unit to physical shock. Never drop or sharply jolt the unit

Don't change the device at will.

Replace loss items with original accessories.

Don't put it in water or operate with

Please abide the following terms:

- a) Don't touch the iron tip or surrounding metals.
- b) Never operate it near the flammable gas or substance.
- c) Disconnect from power source if the unit will not be used for long periods.
- d) Switch off power during short breaks.
- e) Replace accessories or iron tip after turning off the station and let it cool down.
- f) Never operate this device, if you don't have soldering experience or enough knowledge to use.
- g) Keep away from children

Safety precautions

WARNING!

Improper usage can cause serious injury to personnel and/or damage to equipment.

For personnel safety, please follow these precautions.

- Never use it to do other work except soldering. wet hands
- Don't pull the cable but hold tightly the plug when you take it out of plug.
- Please keep the operate place well ventilated since soldering process produce smoke.
- Don't play with other people or would be easy to hurt others or yourself.

RESIDUAL RISKS

Even when the power tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the power tool's construction and design:

- a) Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.
- b) Injuries and damage to property due to broken accessories that are suddenly dashed.

WARNING!

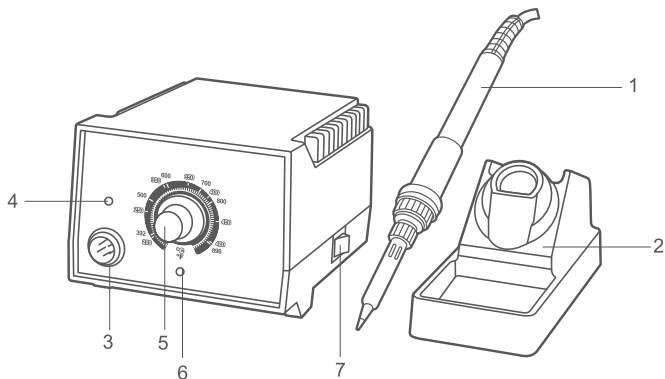
This power tool produces an electromagnetic field during operation. This field may under some circumstances interfere with active or passive medical implants. To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their physician and the medical implant manufacturer before operating this power tool.

INTENDED USE

A soldering station is a multipurpose power soldering device designed for electronic components soldering.

SPECIFICATIONS

Manual temperature setting model



Component's list

- | | |
|--------------------------|---------------------------------|
| 1. Soldering iron handle | 5. Temperature control knob |
| 2. Soldering iron holder | 6. Temperature calibration knob |
| 3. Connection socket | 7. Power switch |
| 4. Heating indicator | |

Technical specifications

Model No.	JDEL7506 JDEL7506xy	UJDEL7506 UJDEL7506xy
Power	60W	60W
Input voltage	AC 220~240V 50/60Hz	AC 110~120V 50/60Hz
Temperature range	200°C - 500°C	200°C - 500°C
Heating element	Plug-in heating element	Plug-in heating element
Iron tip to ground resistance	$\leq 2\Omega$	$\leq 2\Omega$
Temperature setting	Manual	Manual

Model No. NOTE: x (blank, 1,2,3,4,5,6,7,8,9,E,S,A,M); y (blank, -1,-2,-3,-4,-5,-6,-7,-8,-9,E,S,A,M)

OPERATION

Model with manual temperature setting

1. Temperature setting

Rotate the temperature control knob to the required position, the heating indicator LED will light up (the machine is heating up). When the indicator flashes, the temperature has risen to the current set temperature and can be used for soldering.

2. Temperature Compensation setting

Set the temperature knob to 350°C (650°F), Wait for the temperature to stable, and take a measure at the Tip; If the temperature deviates, insert a small "+" screwdriver into the "CAL" hole, then rotate, to increase/decrease the temperature.

ATTENTION

a) Iron holder

NOTE: *Always keep the sponge wet.*

b) Socket

Note: When connecting the iron, turn off the power to avoid damaging the circuit board.

Maintenance

Iron head temperature

High temperature will reduce the life of the iron tip, so the suitable working temperature should be selected.

Cleaning

Use the cleaning sponge regularly to clean the iron tip. After soldering, the oxide and carbide will damage the iron tip, and reduce the thermal conductivity of the iron tip.

When not in use

When not using the soldering iron, do not left the soldering iron in the high temperature state for a long time.

After using

After use, the iron head should be cleaned and coated with a new tin layer to prevent the oxidation of the iron tip

NOTE: When connecting the iron, turn off the power to avoid damaging the circuit board.

MAINTENANCE&MALFUCTIONS

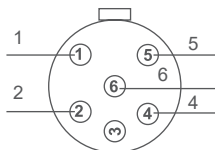
Troubleshooting

Fault 1: Heating indicator light is not on	Check 1. Is the wire or connection socket loose? Plug in again. Check 2. Is the fuse broken? Replace the new fuse with the same specification. a. Is the iron short circuit? b. Does the grounding spring touch the heating element? c. Is the heating element lead twisted and short-circuit? d. Is the heater indicator burned out?
Fault 2: the heater indicator is on, but the iron head does not heat up	Check 3. Is the iron wire damaged? Check 4. Is the heating element damaged?
Fault 3: Iron tip warms up intermittently.	Reference to Check 3.
Fault 4: Solder NOT sticking to the Tip	Check 5. If the temperature of the Iron tip is too high? Reset to the appropriate temperature. Check 6. Has the soldering iron tip been cleaned up? See "Maintenance"
Fault 5: Iron Tip temperature is too low	Check 7. Does the iron tip derive from the oxide? See "Cleaning". Check 8. Is the iron calibrated correctly? recalibration.
Fault 6: the iron Tip cannot be removed.	Check 9. Whether the iron tip is tightly clamped? Is the iron tip swell due to rust? Replace a new iron tip and a heating element.
Fault 7: Iron tip did not rise to the required temperature	See Check 8.

How to check the heating components and the damaged wire

1. If the resistance value between the plug pins is different from that of the below table, please refer to replacing the heating element.
2. If the measured resistance value on the heating element is normal, but the resistance value between the plug pins is different, indicating that the wire is damaged.

Pull out the plug and test the resistance between the pin of the plug as follows:



Between 2nd pin and 4th pin (sensor) $\approx 50\Omega$

Between 1st pin and 5th pin (heating element) $\approx 4\Omega$

Between the 3rd pin and the iron Tip $\leq 2\Omega$

Warnings and precautions

NOTE: Abuse may cause injury to the user or substantial damage to the object involved. For your own safety, please strictly follow the instruction:

- a) When heated up to 200°C to 480°C (392°F to 896°F) abuse may cause burn or fire, strictly follow the following.
- b) Do not touch the metal part near the iron tip.
- c) Do not use soldering iron near flammable objects.
- d) The iron head is extremely hot and may cause dangerous accidents. The power should be turned off when not in use.
- e) When replacing the parts, turn off the power supply and wait for the iron tips to cool down.

NOTE: To avoid damage to the soldering iron and the working environment, the following shall be observed.

- f) When replacing the parts, the original parts shall be used.
- g) Do not knock the soldering iron on to remove the solder, this may seriously

damage the heating element.

- h) Do not wet the soldering iron and users' hand, to avoid electric shock.
- i) The dissolved tin will smoke during welding, and the working site should be in a good ventilation equipment.



   Jadevermall
www.jadevermall.com

KEYWAY TECHNOLOGY (NANTONG) CO., LTD

MADE IN CHINA 0624.J03

