



FIRElood LH20 Pyrography Machine User Manual

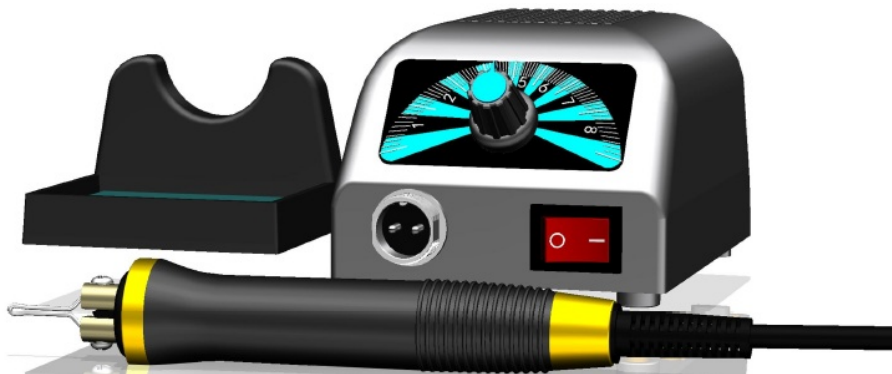
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FIRElood

FIRElood LH20 Pyrography Machine



IMPORTANT SAFEGUARDS

WARNING:

1. Warnings must be followed carefully to avoid body injury. improper use may result in electric shock,

fire, personal injury, and other damage:

1. Keep unplugged when moving the machine.
 2. Keep unplugged when installing accessories.
 3. Place on a flat and stable platform and operate under ventilated conditions.
 4. Wear special protective equipment when operating the machine.
 5. Do not use this machine in a hazardous location.
 6. Only use it when the machine is working correctly.
 7. Do not disassemble and repair this machine.
 8. Do not use an unsuitable AC outlet.
 9. Do not touch the heating plate when the machine is heating.
 10. Do not use in humid environments or in contact with water. Also, do not infiltrate liquid in the machine to prevent fire or electric shock caused by a short circuit.
 11. Do not use the power supply that does not meet the rated voltage. The power supply that does not meet the specified voltage may cause fire or electric shock.
 12. Ensure that the machine is grounded so as not to cause harm to body.
 13. Do not touch the rotating rod or bearing part with your fingers during use in case of injuries.
 14. If the machine is not in use for a long time, please unplug the power cord from the socket.
 15. Do not use the machine during thunderstorms or lightning to avoid damage to the machine.
 16. Place the machine smoothly on the flame-retardant table and keep away from flammable and explosive items.
 17. Please stop using it if the machine smokes, emits a peculiar smell, or becomes noisy and in other abnormal conditions.
 18. This appliance can be used by children aged 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.
2. Type Y attachment: If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
 3. In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
 4. In the process of temperature adjustment, there will be a slight delay in the digital display temperature, which is a normal phenomenon, please wait a moment.

SAVE THESE INSTRUCTIONS

Instruction Manual of LH20 Pyrography Machine



1. Power switch: After pressing the switch – button during use, the internal indicator of the switch will light up and the machine will be in standby state. Please press the 0 button to turn off the switch in time when the staff leaves or is not in use, so as to avoid burns and fire danger.
2. Temperature control panel: It is used to adjust the temperature of the pyro graph tip connected to the socket (4), and the scale indicates 0-80°C
3. Temperature control knob: Temperature control knob has a blue pointed indicating head, pointing to the corresponding scale panel on the fine line scale corresponding to different temperatures.
4. Soldering pen socket: is connected to the soldering pen socket. Pen tip instructions.

The use of bending wire pen tips; The bending tip is mainly tracing line, silk hair, small area rendering. The blue indicating head on the temperature control knob points to about 250 C-35Q °C when tracing line, slowly brush and do not brush too fast, and look at the line color edge and smooth the entire line color is uniform and just. When rendering, set the temperature to about 22Q °C-30Q°C, and draw the hair fine line temperature to about 25Q°C-35Q°C.

Tip wire pen tips: The point pen is mainly to draw fine lines, detail rendering, fine line temperature with 220-25Q °C, detail rendering with 220-230°C low temperature rendering is best, in the rendering look at the color in the gourd and wood more or less a little color change is best, gradually deepen the color so that the color is delicate and rich dark rendering with 30Q °C or so. Flat wire pen head is mainly used for flat rendering and drawing lines with side silk lines. The temperature of flat rendering light color is about 22Q C-29Q C, and the temperature of dark rendering is 30Q °C-40G °C.

In SUMMARY: According to the density, humidity and hardness of the pyrograph materials, the temperature of the pyrograph will be different. You can learn from the flexible adjustment experiment to find the most suitable temperature. In addition, whether you want to write, draw, and render, you would rather slowly move the pen layer by layer at low temperature. Do not use high temperature and fast brush such a brand of work is very ugly uneven lines uneven rendering color depth uneven picture rough not beautiful delicate.

Instructions for using the wood burning wire tip

The function of the bent shape wire pen tip is introduce



Tips for using a bent metal wire pen tip. The main function of a bent pen tip is to trace lines and render small areas of silk hair. When tracing lines, the blue indicator on the temperature control knob points towards around 250°C-350°C. Slowly move the pen and do not move too fast. Look at the smooth edges of the line color, and the entire line color should be uniform and just right. When rendering, adjust the temperature to around 220°C-300 °C, and draw hair fine lines at a temperature of around 250 °C -350°C.

Pointed flat shape of metal wire pen head function introduction



Tips for using pointed metal wire pen tips: Pointed pen tips mainly focus on drawing fine lines and rendering fine parts. The temperature for drawing fine lines is 220-250 °C, and the temperature for rendering fine parts is 220-230 °C. When rendering, it is best to watch the color change slightly on the gourd and wooden board, and gradually deepen the color so that the color is delicate and rich. Dark color rendering is best at around 300 °C.

Flat shape wire pen tip function introduction



The flat metal wire pen head is mainly used for flat rendering and side silk line drawing. The temperature for flat rendering is around 220°C-290 °C for light colors, and 300°C-400 °c for dark colors.

Summary: The temperature of the pen head introduced earlier should not be too dogmatic and rigid. Depending on the density, humidity, and hardness of the material used for soldering, the temperature required for soldering may vary. You can learn from and adjust the experiment flexibly to find the most suitable temperature for yourself. Whether it's writing, tracing, or rendering, if you want good results, you would rather use the pen slowly at low

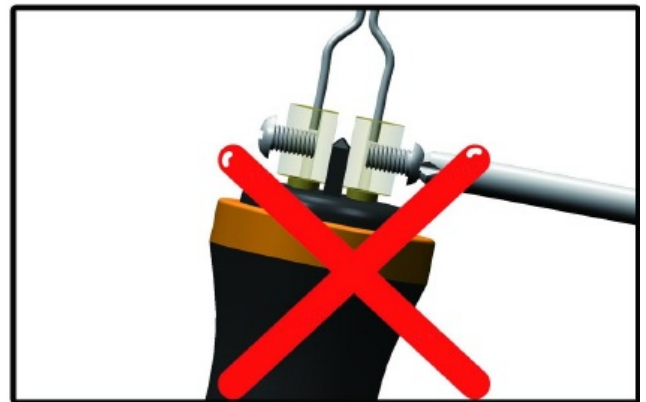
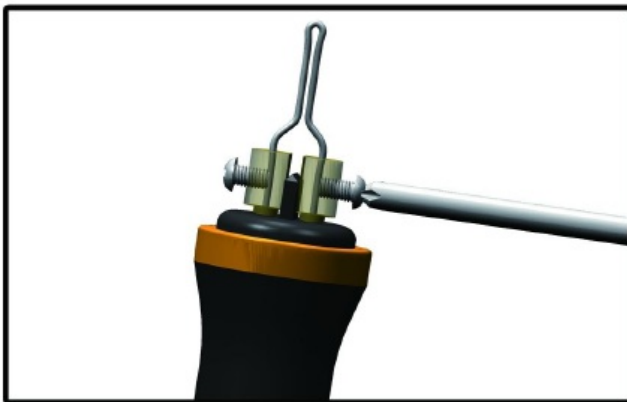
temperatures to deepen layer by layer, Never use a pen quickly at high temperatures. It is difficult to see works with uneven lines, uneven rendering colors, uneven depth, rough and delicate images.

Correct installation of pen point of pyrography

The pen point of pyrograph is not hot, and the temperature is suddenly high, and suddenly low. There are sparks coming from the pen point and the penholder is hot to grasp. What are the reasons? It's because the incorrect installation of the pen point.



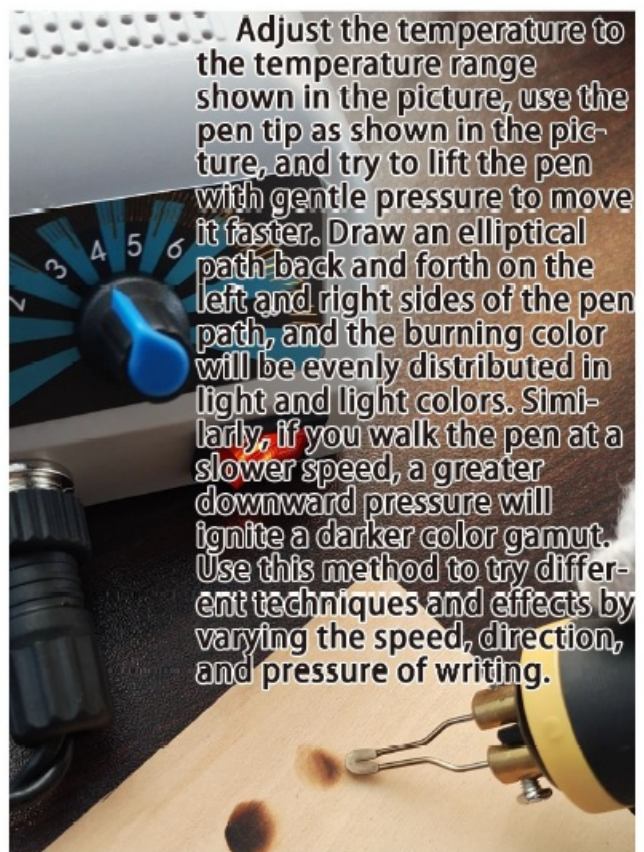
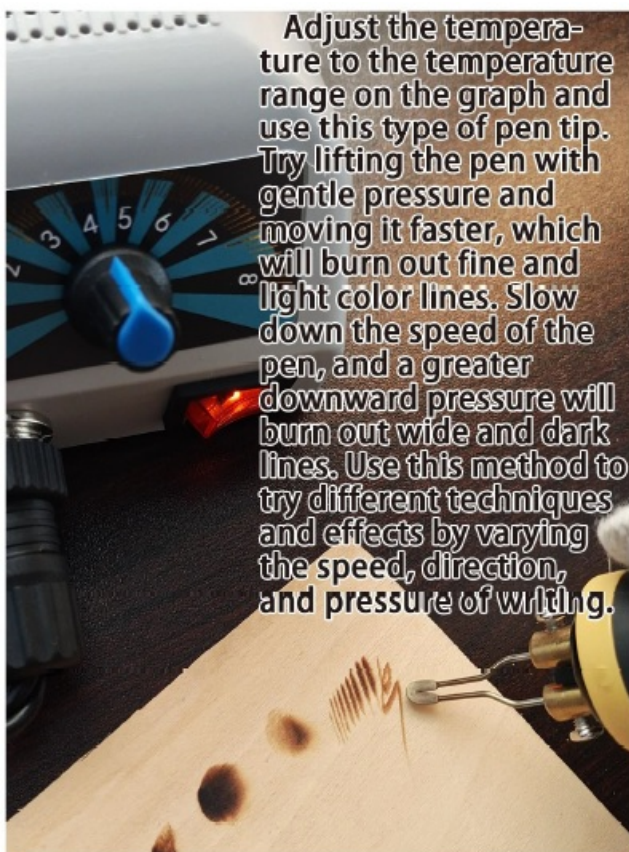
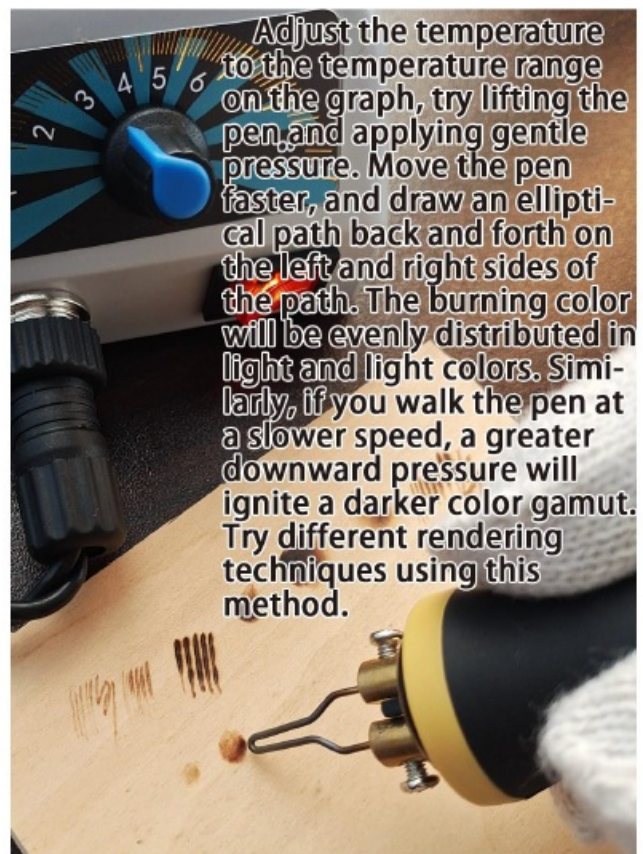
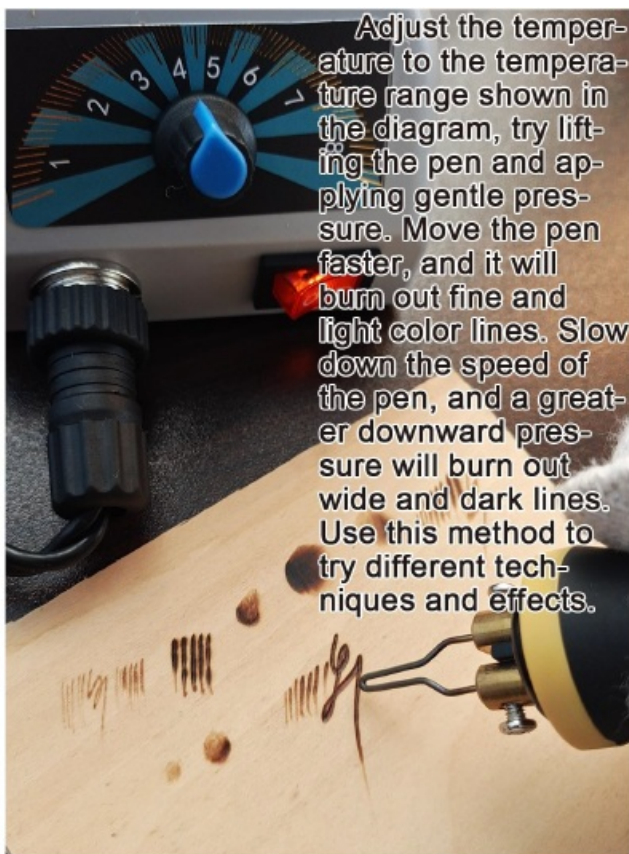
1. Unscrew both screws on the pen and detach them from the hole where the pen head is installed, making it easier for the pen head to be inserted smoothly to the bottom. The effect is shown in the above picture.
2. The picture above correctly shows the effect by inserting the two pins of the pen tip into the bottom of the hole inside.



3. Finally, tighten the two screws with appropriate torque, be sure to tighten.
4. Screw does not hold pen tip two pins, error! The pen tip does not heat up properly.

there are some symptoms of the incorrect installation of pen point , which are the abnormal heat of pen point , unstable temperature of pen point, sparks generating from the pen point, the heating of copper column and the burning hot of pen holder.

Tips for using wood burning pen tips



Tips for using wood burning tools and knives

This is a rendering of the wood burning just now. Later, we will demonstrate the usage techniques with a carving knife.

1

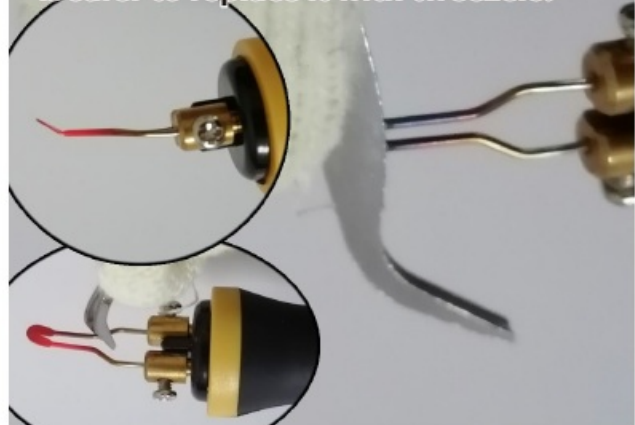
Use a carving knife to scrape off unwanted images or defects. When scraping, gently scrape and try to scrape as flat and smooth as possible.







2

Techniques such as using a carving knife to scrape out highlights, fine lines, and increase the brightness of local color tones in the image

3

1) Use tweezers to clamp and adjust the angle of the pen head. The default angle of the factory made pen head is relatively small. When increasing the angle of the pen head, first set the temperature to the highest. When the pen head turns red and has good plasticity, use tweezers to clamp and bend the angle of the pen head.
2) When replacing the pen tip, it is very hot and can easily burn the skin. It is safer to replace it with tweezers.




	Warning-To reduce the risk of injury, user must read instructions manual carefully.
	FCC STATEMENT This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)This device may not cause harmful interference, and (2)this device must accept any interference received, including interference that may cause undesired operation.
	IC STATEMENT The digital apparatus complies with Canadian CAN ICES 3 (B)/NMB 3(B). This device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS 102 RF exposure, users can obtain Canadian information on RF exposure and compliance. This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment.
	CORRECT DISPOSAL This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices
	This symbol, placed before a safety comment, indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident. Please always follow the recommendation below to reduce the risk of injury, fire, or electrocution.
	This product is of protection class II. That means it is equipped with enhanced or double insulation.

Technical data

Model	LH20
Rated voltage	120V~ 60Hz For US 220-240V~ 50Hz For EU or AU
Power	25W

Made In China

Documents / Resources

	FIRElood LH20 Pyrography Machine [pdf] User Manual LH20 Pyrography Machine, LH20, Pyrography Machine, Machine
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References

- [User Manual](#)

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