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## YIHUA 939D-V

# YIHUA 939D-V Wood Burning Kit Instruction Manual

Model: 939D-V

## 1. INTRODUCTION

The YIHUA 939D-V Wood Burning Kit is a versatile pyrography tool designed for various wood art projects. It features a digital display for precise temperature control and comes with a range of wire nibs for different effects. This manual provides essential information for safe and effective operation of your wood burning kit.

## 2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety warnings and operating instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always operate the wood burning kit in a well-ventilated area to avoid inhaling fumes.
- Keep the tool and its components out of reach of children and pets.
- Do not touch the hot nibs or metal parts of the pen. They can reach very high temperatures and cause severe burns.
- Always allow the nibs to cool completely before attempting to change them.
- Use the integrated holder to safely rest the hot pen when not in use.
- Ensure the unit is powered off and unplugged before cleaning or performing any maintenance.
- Only use the kit on appropriate materials such as wood, leather, or gourds. Avoid synthetic materials that may release toxic fumes.
- This model is designed to operate on 110-127V 60Hz with a US-standard power plug. Do not use with incompatible power sources.

## 3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- YIHUA 939D-V Main Unit with Digital Display
- Detachable Wood Burning Pen with Comfort Grip
- 20 Wire Nib Pyrography Tips in varied shapes
- Integrated Pen Holder
- Wire Nib Collector (tin container)
- 2 Wood Pieces for practice

- 2 Spare Screws for nib attachment
- Tweezers (for handling nibs)
- Small Screwdriver (for nib changes)



Image: All components included in the YIHUA 939D-V Wood Burning Kit.

## 4. SETUP

### 4.1 Connecting the Pen

1. Locate the connector port on the front of the main unit.
2. Align the connector of the wood burning pen with the port and gently push it in.
3. Twist the metal ring on the pen connector clockwise to secure it firmly.

Video: This official YIHUA video demonstrates the proper installation of the wood burning pen to the main unit, along with various pyrography techniques.

### 4.2 Power Connection

Plug the power cord of the main unit into a standard 110-127V 60Hz electrical outlet.

### 4.3 Integrated Pen Holder

The main unit features an integrated pen holder. Simply place the pen into the spring coil holder when not actively burning to prevent accidental burns or damage to your workspace.



Image: The integrated pen holder design for safe and compact storage.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On and Temperature Adjustment

1. Flip the power switch on the front of the unit to the 'ON' position. The digital display will illuminate.
2. Turn the rotary knob to set your desired temperature. The temperature range is 482 to 1382°F (250 to 750°C). The digital display will show the set temperature.
3. Allow a few moments for the nib to heat up to the selected temperature.



Image: Adjusting the temperature on the digital display.

## 5.2 Selecting and Changing Nibs

The kit includes 20 different wire nibs for various pyrography effects. Always ensure the unit is powered off and the nib has cooled completely before changing.

1. Turn off the power switch and unplug the unit.
2. Allow the current nib to cool down completely. This may take several minutes.
3. Using the provided small screwdriver, carefully loosen the two screws holding the nib in place.
4. Use the tweezers to gently remove the old nib.
5. Select the desired new nib and insert its two prongs into the corresponding holes on the pen.
6. Tighten the two screws firmly to secure the new nib. Do not overtighten.

Video: This official YIHUA video demonstrates the process of changing the wood burning nibs safely and effectively.

## 5.3 Pyrography Techniques

Experimentation is key to mastering pyrography. Always practice on scrap wood before working on your final project.

- **Long Strokes:** For consistent lines and shading, use smooth, continuous strokes. Avoid drawing too fast, as

this can lead to faded color. Drawing too slowly can result in overly dark or burnt areas. Aim for consistent speed and pressure.

- **Shading:** Use a lower temperature or lighter pressure for subtle shading. For darker shades, increase temperature or apply more pressure, moving the pen slowly.
- **Detailing:** Utilize finer nibs and precise movements for intricate details and textures.



Image: Demonstrating wood burning techniques on a wooden piece.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your wood burning kit.

- **Cleaning Nibs:** After each use, once the nib has cooled, gently clean any carbon buildup using a fine wire brush or sandpaper. This helps maintain consistent heat transfer and prevents uneven burning.
- **Storage:** Store unused nibs in the provided wire nib collector to keep them organized and prevent loss. Store the main unit and pen in a dry, safe place away from dust and moisture.
- **Unit Cleaning:** Wipe the main unit with a soft, dry cloth. Do not use liquid cleaners or immerse the unit in water.



Image: Wire nibs stored in the collector tin.

## 7. TROUBLESHOOTING

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If you encounter any issues with your YIHUA 939D-V Wood Burning Kit, refer to the following common problems and solutions:

- **No Heat from Nib:**

- Ensure the power switch is in the 'ON' position.
- Check that the power cord is securely plugged into a working outlet.
- Verify that the wood burning pen is correctly connected and tightened to the main unit.
- Confirm that a temperature is set on the digital display.

- **Inconsistent or Faint Burn:**

- Increase the temperature setting on the main unit.
- Ensure the nib is clean and free of carbon buildup.
- Apply consistent pressure and maintain a steady speed while burning.
- Check if the nib is securely fastened; loose screws can affect heat transfer.

- **Nibs Not Holding Securely:**

- Ensure the two screws on the pen are tightened firmly after inserting the nib.
- Verify that the nib prongs are fully inserted into the pen's connection points.

## 8. SPECIFICATIONS

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Key technical specifications for the YIHUA 939D-V Wood Burning Kit:

Feature	Specification
Manufacturer	Guangzhou Yihua Electronic Equipment Co., Ltd.
Model Number	YIHUA 939D-V
Item Weight	2.97 pounds
Product Dimensions	5.12 x 3.39 x 3.74 inches
Display Style	LCD or LED Digital Display

Temperature Range	482 to 1382°F (250 to 750°C)
Temperature Stability	High stability within the operating range
Voltage	110-127V 60Hz (US-standard)



Image: Dimensions of the YIHUA 939D-V main unit.

## 9. WARRANTY AND SUPPORT

YIHUA is committed to providing quality products and customer satisfaction.

- **Manufacturer Technical Coverage:** Enjoy our 12-month US-exclusive manufacturer technical coverage.
- **Professional Assistance:** For any questions or issues, contact our 24/7 professional assistance available on Amazon.

## 10. ADDITIONAL RESOURCES

For more information about YIHUA products and accessories, please visit the official YIHUA Store:  
[YIHUA Official Store on Amazon](#)

