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YIHUA YIHUA 939-III

YIHUA 939 III Dual Pen Pyrography Station Instruction Manual

Model: YIHUA 939-III

1. INTRODUCTION

The YIHUA 939 III Dual Pen Pyrography Station is a versatile 2-in-1 wood-burning tool designed for various crafting applications. It features two wood-burning pens, adjustable temperature control, and a selection of detailer nibs, making it suitable for both beginners and experienced users. This manual provides essential information for safe and effective operation of your pyrography station.

2. SAFETY GUIDELINES

WARNING: This device operates at high temperatures. Failure to follow safety instructions may result in burns, fire, or electric shock.

- Always operate the pyrography station in a well-ventilated area to avoid inhaling fumes from burning materials.
- Place the unit on a stable, heat-resistant surface.
- Do not touch the hot pen nibs or metal parts of the pen during operation or immediately after use. Allow sufficient time for cooling.
- Keep flammable materials away from the working area.
- Ensure the power cord is securely connected and not damaged. This model is designed for 110-127V 60Hz with a US-standard power plug.
- Unplug the unit from the power outlet when not in use or before performing any maintenance or changing nibs.
- Keep out of reach of children and pets.
- Never leave the operating unit unattended.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x YIHUA 939-III Dual-Pen Pyrography Station (110~127V, wire-nib type)

- 1 x Detachable Power Cord
- 20 x Assorted Wire Nibs
- 1 x Dual-Pen Holder (Heat-Resistant)
- 1 x Cleaning Sponge
- 1 x Screwdriver
- 2 x Spare Screws (for nib installation)
- 2 x Practice Wood Pieces
- 2 x Stencil Boards
- 1 x Pair of Pliers



Image: The YIHUA 939 III Pyrography Station with all included accessories, including the main unit, two pens, various nibs, screwdriver, pliers, practice wood, and stencils.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your pyrography station:

Slots(for Temporary Nib Storage)

Pen B

Dual-Pen Holder

Cord (for Pyrography Pen)

Heat-resistant Grip

Pen A

Indicator Light

Temperature Dial

Temperature Control Knob

Power Cord



Image: A detailed diagram labeling the key components of the YIHUA 939 III Pyrography Station, including Pen A, Pen B, Dual-Pen Holder, Temperature Dial, Power Switch, Toggle Switch, and various connections.

- **Pyrography Station:** Main unit with temperature control and power switches.
- **Pyrography Pens (A & B):** Two pens with heat-resistant grips for comfortable use.
- **Dual-Pen Holder:** Provides a safe resting place for both pens during and after use.
- **Temperature Control Knob:** Adjusts the heat of the pen nibs.
- **Toggle Switch:** Allows switching between Pen A and Pen B.
- **Power Switch:** Turns the unit ON/OFF.
- **Indicator Light:** Illuminates when the unit is powered on.
- **Wire Nibs:** Various shapes and sizes for different burning effects.

5. SETUP

1. **Connect the Pens:** Securely plug the cables from Pen A and Pen B into their respective receptacles on the front of the pyrography station.

2. **Install the Pen Holder:** Place the dual-pen holder on a stable surface near your workstation. It is designed to securely hold both pens and includes slots for temporary nib storage and a cleaning sponge.

3. **Install a Wire Nib:**

- Ensure the pyrography station is OFF and unplugged.
- Using the provided screwdriver, loosen the two screws on the pen's tip connector.
- Carefully insert the chosen wire nib, ensuring it is pushed 100% into the connector.
- Tighten the screws firmly to secure the nib. An incorrectly inserted or loose nib can lead to inconsistent heating or no heat.

NOTE: Install the pyrography tip CORRECTLY to get consistent performance, and INCORRECT tip installation may result in no heat, inconsistent colors, and other negative impacts.

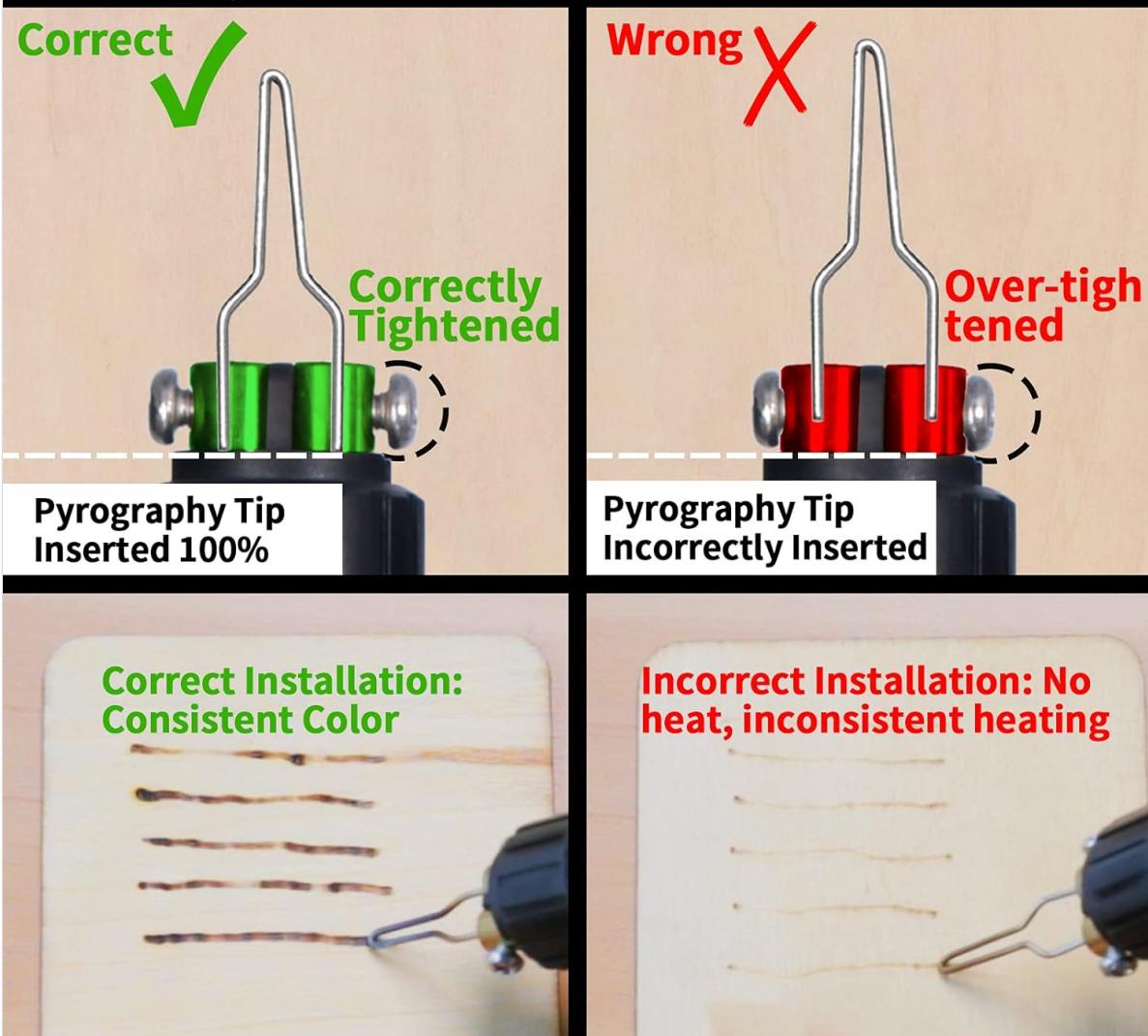
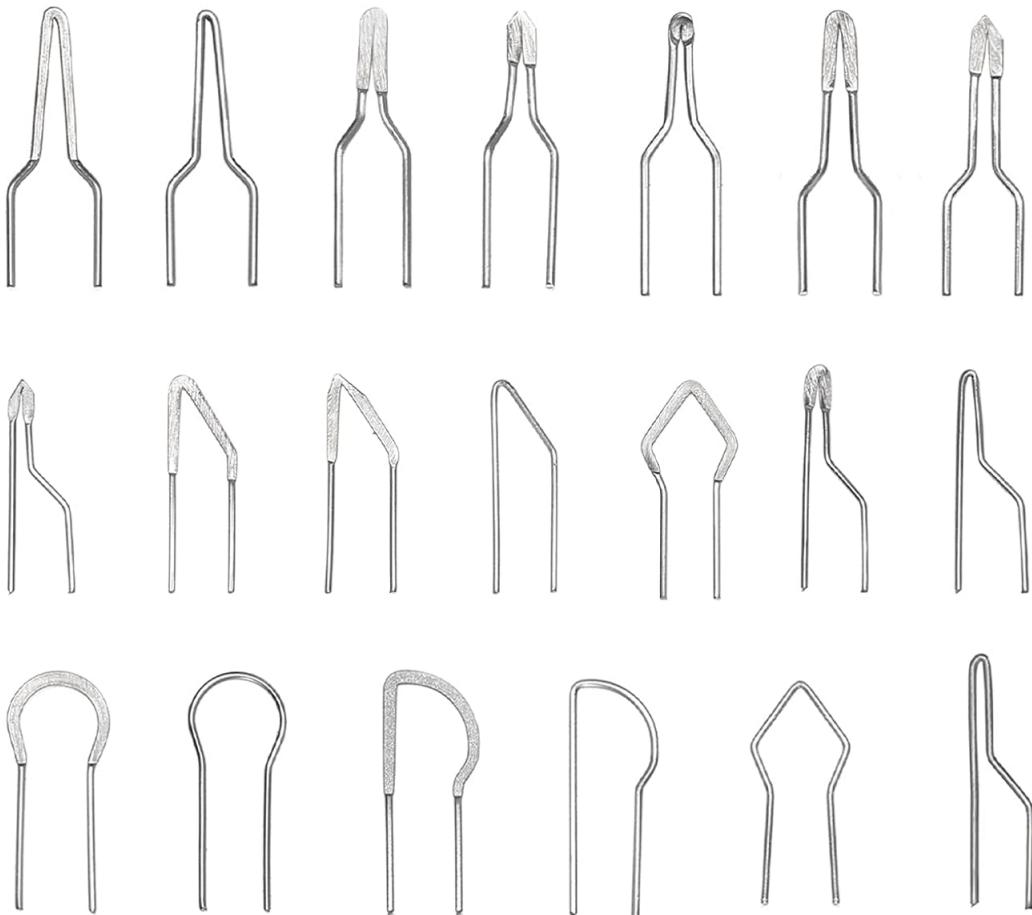


Image: Visual guide demonstrating the correct and incorrect ways to install a pyrography tip, highlighting the importance of full insertion and proper tightening for consistent performance.

Easy to Replace Pen Nibs (20pcs)



Use screwdriver to loosen the screws, use a pair of tweezers to properly insert the chosen nib and fasten the screws with the screwdriver.
(tools supplied)

Image: A collection of 20 different wire nibs, showcasing various shapes for writing, outlining, shading, and detailing.

4. **Power Connection:** Plug the detachable power cord into the back of the pyrography station and then into a standard 110-127V 60Hz electrical outlet.

6. OPERATION

1. **Power On:** Flip the main power switch to the 'ON' position. The operation indicator light will illuminate.
2. **Select a Pen:** Use the 'TOOL A / TOOL B' toggle switch to select the pen you wish to use.
3. **Adjust Temperature:** Turn the Temperature Control Knob to select the desired temperature, ranging from 250°C to 750°C (482°F to 1382°F). Allow a few moments for the nib to heat up.

- Turn UP/DOWN the nib's temperature to control the burn mark's color intensity.
- Try and select the suitable temperature for wood of different densities or for other material (gourd, foam or leather etc.)



Image: A hand turning the temperature control knob on the pyrography station, with the temperature range of 250°C to 750°C (482°F to 1382°F) highlighted.

4. Practice and Technique:

- Always test the temperature and nib on a scrap piece of material before working on your main project.
- The color intensity of the burn mark is controlled by both temperature and the speed of pen movement. Slower movement or higher temperature results in darker marks.
- Avoid applying excessive pressure; let the heat do the work.
- Experiment with different nibs and angles to achieve various effects like writing, outlining, shading, and detailing.

Dual-Pen and Toggle Switch

- Toggle between Pen A and Pen B. Alternate use two types of wire nibs without the hassle to repeatedly remove and install pen nibs.

Less Waiting and More Fun



Image: A hand operating the toggle switch on the YIHUA 939 III Pyrography Station, demonstrating the ability to switch between two connected pens without changing nibs.

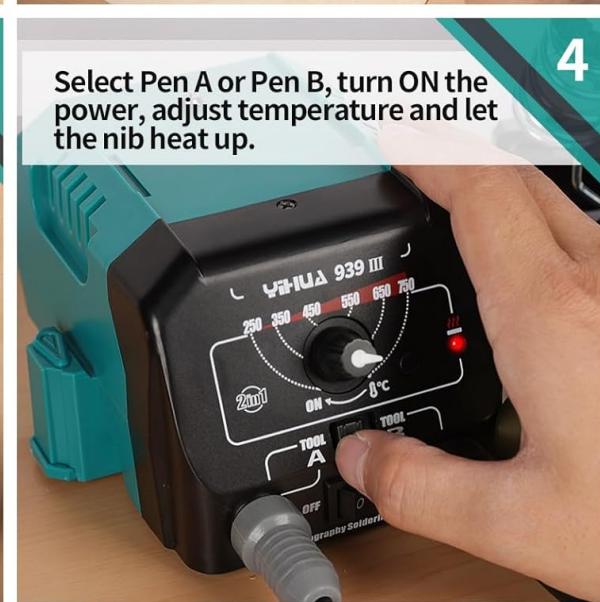
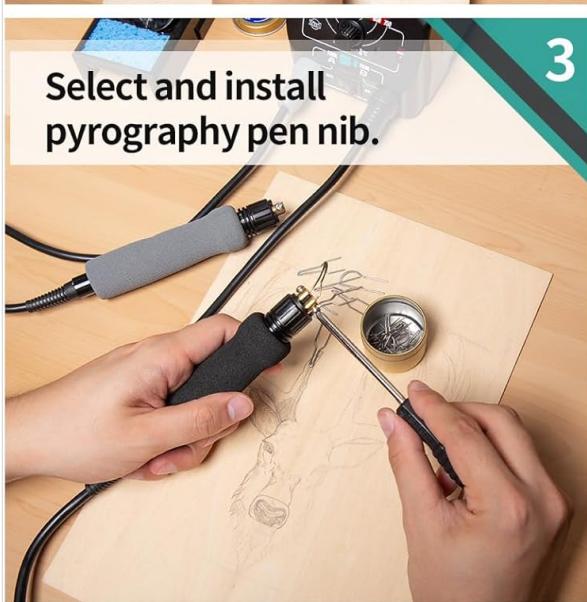


Image: A four-panel image illustrating the initial steps of pyrography: smoothing wood with sandpaper, transferring a pattern, installing a nib, and powering on the station to adjust temperature.



Image: A four-panel image showing advanced pyrography steps: testing on scrap wood, tracing the pattern, turning off the station, and cleaning the pen nib with a wet sponge.

5. **Material Compatibility:** The YIHUA 939 III is suitable for various organic materials such as wood, foam, leather, and gourds. Adjust temperature according to material density and desired burn effect.
6. **Power Off:** When finished, turn the temperature knob to the lowest setting, then flip the main power switch to 'OFF'. Unplug the unit from the power outlet.

Your browser does not support the video tag.

Video: An official product video from YIHUA demonstrating the setup and operation of the 939 III Dual Pen Pyrography Station, including pen installation, temperature adjustment, and various burning techniques.

7. MAINTENANCE

- **Cleaning Nibs:** Use the provided cleaning sponge (dampened, not soaking wet) to gently wipe off carbon buildup from the nibs during and after use. This helps maintain consistent heat transfer and extends nib life.
- **Changing Nibs:** Always allow the pen nib to cool down completely before attempting to change it. Use the screwdriver to loosen the screws, remove the old nib, insert the new one, and tighten the screws securely.
- **General Care:** Keep the pyrography station and pens clean and free from dust and debris. Store the unit

in a dry, safe place when not in use.

8. TROUBLESHOOTING

- **Pen Not Heating / Inconsistent Heat:**

- Check that the pen cable is securely plugged into the station.
- Ensure the wire nib is fully inserted and the screws are tightly fastened. A loose connection can prevent proper heating.
- Verify that the correct pen (A or B) is selected using the toggle switch.
- Clean the nib to remove any carbon buildup that might be impeding heat transfer.

- **Pen Handle Rotates / Nib Feels Loose:** Ensure the top nut on the pen handle, which secures the nib connector, is tight. If this nut is loose, the pen handle may rotate, giving the impression that the nib is broken or not working correctly.

- **Unit Not Powering On:**

- Check the power cord connection to both the unit and the wall outlet.
- Verify that the wall outlet is functional.
- The unit has a fuse-protected power supply. If the unit does not power on, the fuse may need inspection or replacement by a qualified technician.

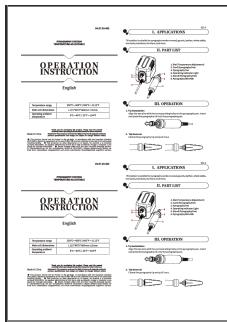
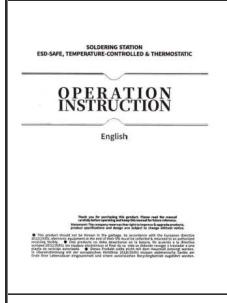
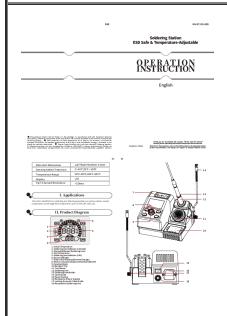
9. SPECIFICATIONS

Feature	Specification
Model Number	YIHUA 939-III
Product Dimensions	6.1 x 4.92 x 3.54 inches
Item Weight	4.66 pounds
Temperature Range	250°C ~ 750°C (482°F ~ 1382°F)
Input Voltage	110-127V 60Hz (US-standard)
Manufacturer	Guangzhou Yihua Electronic Equipment Co., Ltd.

10. WARRANTY & SUPPORT

The YIHUA 939 III Dual Pen Pyrography Station comes with a **12-month US-exclusive manufacturer technical coverage**. For any technical assistance or support, please contact YIHUA's professional assistance team available 24/7 on Amazon. Refer to your purchase documentation for specific contact details.

Related Documents - YIHUA 939-III

	<p><u>Pyrography Station Temperature-Adjustable Operation Manual</u></p> <p>Official operation instruction manual for the YIHUA Pyrography Station, featuring adjustable temperature control. Includes applications, part list, operating instructions, nib guide, and maintenance tips.</p>
	<p><u>YIHUA 937D+ Soldering Station Operation Instructions & Specifications</u></p> <p>Detailed operation instructions, specifications, applications, maintenance, precautions, and troubleshooting for the YIHUA 937D+ ESD-safe, temperature-controlled soldering station. Covers models 936, 936B, 937D, 936A, 937D+, 939, 939D.</p>
	<p><u>YIHUA-858D Hot Air Rework Station - Product Features and Specifications</u></p> <p>Detailed information on the YIHUA-858D Hot Air Rework Station, including its product features, technical parameters, standard configuration, and applications. This station is designed for efficient soldering of SMD components and other electronic parts.</p>
	<p><u>982D III 2-in-1 Micro Soldering Rework Station Operation Manual</u></p> <p>Operation instructions and safety guidelines for the Yihua 982D III 2-in-1 Micro Soldering Rework Station, covering specifications, applications, operation, maintenance, and troubleshooting.</p>
	<p><u>YIHUA-8786D Hot Air Soldering Station with Soldering Iron - User Manual</u></p> <p>Comprehensive user manual for the YIHUA-8786D hot air soldering station and soldering iron, covering operation, technical specifications, advantages, troubleshooting, and parts replacement. Includes instructions for both standard and enhanced configurations.</p>
	<p><u>YIHUA 982 ESD Safe Soldering Station Operation Manual</u></p> <p>Comprehensive operation instructions, maintenance guide, and troubleshooting for the YIHUA 982 ESD Safe Temperature-Adjustable Soldering Station. Learn about its features, calibration, and usage.</p>