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YIHUA 939D-II, 939D-VII (Replacement Pen)

YIHUA Replacement Pyrography Pen (Solid-Tip Type) Instruction Manual

For YIHUA 939D-II & 939D-VII Wood Burning Pyrography Stations

1. PRODUCT OVERVIEW

This document provides instructions for the YIHUA Replacement Pen, a solid-tip type designed for use with YIHUA 939D-II and 939D-VII Wood Burning Pyrography Stations. This pen is intended as a direct replacement for the original solid-tip pen that came with your station. It is crucial to verify compatibility before use.

Important Compatibility Note:

This solid-tip pen is not interchangeable with wire-nib pens. Do not attempt to use this pen with stations originally equipped with wire-nib pens, or if your original unit did not come with a solid-tip pen. Incorrect usage may damage the pen or the pyrography station.



Image 1.1: Multi-view of the YIHUA Solid-Tip Replacement Pyrography Pen, showing various components like the tip, handle, and connector.

2. PACKAGE CONTENTS

The package includes the following item:

- One (1) YIHUA Replacement Pen (Solid-Tip Type) with attached cable and connector.

3. SETUP AND INSTALLATION

Follow these steps to properly install the replacement pen onto your compatible YIHUA pyrography station:

1. **Ensure Power is Off:** Before connecting or disconnecting any components, ensure your YIHUA 939D-II or 939D-VII pyrography station is powered off and unplugged from the main power supply. Allow the station and any previously used pen to cool completely.
2. **Remove Old Pen (if applicable):** If replacing an existing pen, carefully unscrew and disconnect the old pen's connector from the station's output port.

3. **Inspect New Pen:** Examine the new replacement pen for any visible damage to the tip, handle, or connector.
4. **Connect the Pen:** Align the 5-pin connector of the replacement pen with the corresponding port on your YIHUA pyrography station. Gently push the connector in and then screw the outer ring clockwise until it is finger-tight. Do not overtighten.



Image 3.1: The 5-pin connector of the replacement pen, ready for connection to the pyrography station.

5. **Secure the Tip:** Ensure the solid tip is securely fastened to the pen body. Some models may have a threaded connection for the tip.



Image 3.2: Close-up view of the solid tip securely attached to the pen body.

6. **Ready for Use:** Once connected, you can plug in and power on your pyrography station according to its own instruction manual.

4. OPERATING INSTRUCTIONS

This replacement pen functions identically to the original solid-tip pen provided with your YIHUA 939D-II or 939D-VII

station. Refer to your station's primary instruction manual for detailed operating procedures, temperature settings, and safety guidelines.

- **Temperature Control:** Adjust the temperature on your pyrography station to achieve the desired burning effect on your chosen material.
- **Material Compatibility:** Use the pen on appropriate materials such as wood, leather, or gourds. Always test on a scrap piece first.
- **Safety Precautions:** Always work in a well-ventilated area. Use appropriate safety gear, including heat-resistant gloves and eye protection. Avoid touching the hot tip.



Image 4.1: The pyrography pen being used to create designs on a piece of wood.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your pyrography pen:

- **Cleaning the Tip:** Regularly clean the solid tip using a brass brush or fine-grit sandpaper while the tip is warm (but not glowing hot). This removes carbon buildup and ensures efficient heat transfer.

- **Cool Down:** Always allow the pen to cool completely before storing it.
- **Storage:** Store the pen in a dry, safe place, away from dust and moisture.
- **Cable Inspection:** Periodically inspect the cable and connector for any signs of wear, cuts, or damage. If damage is observed, discontinue use and replace the pen.

6. TROUBLESHOOTING

If you encounter issues with your replacement pen, consider the following:

- **Pen Not Heating:**
 - Ensure the pen's connector is fully and securely plugged into the pyrography station.
 - Verify the pyrography station is powered on and set to an appropriate temperature.
 - Check the station's power cable and fuse.
 - Confirm the pen is compatible with your specific station model (939D-II or 939D-VII solid-tip version).
- **Inconsistent Heat / Poor Burning:**
 - Clean the pen tip to remove any carbon buildup.
 - Ensure the tip is securely fastened to the pen body.
 - Adjust the temperature setting on your pyrography station.
 - Verify the material you are burning is suitable for pyrography.
- **Loose Connection:**
 - Tighten the threaded ring on the pen's connector to the station.
 - Avoid excessive pulling or bending of the cable near the connector.

If problems persist after following these steps, contact YIHUA customer support.

7. SPECIFICATIONS

Product Name	YIHUA Replacement Pen (Solid-Tip Type)
Compatible Stations	YIHUA 939D-II, YIHUA 939D-VII (Solid-Tip Versions Only)
Item Weight	5 ounces (approx. 142 grams)
Package Dimensions	10.59 x 1.69 x 1.65 inches
Manufacturer	Guangzhou Yihua Electronic Equipment Co., Ltd.



Image 7.1: The pyrography pen shown with its approximate length dimension (8.86 inches).

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your YIHUA 939D-II or 939D-VII pyrography station, or visit the official YIHUA website. You may also contact YIHUA customer service directly via the Buyer-Seller Messaging System on the platform where the product was purchased for compatibility verification or assistance.

Online Resources:

- [YIHUA Official Store on Amazon](#)