

## WEP 939 III

# WEP 939-III Dual Pen Wood Burning Kit Instruction Manual

Model: 939 III

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your WEP 939-III Dual Pen Wood Burning Kit. Please read all instructions carefully before operating the device to ensure proper function and safety.

## 2. PACKAGE CONTENTS

Your WEP 939-III Dual Pen Wood Burning Kit includes the following components:

- 1 x WEP 939-III Dual Pen Pyrography Station
- 2 x Detachable Soft-Grip Pens (Wire-Nib Detailers)
- 1 x Dual Barrel Pen Holder (Top-Mountable)
- 20 x Pyrography Tips (Wire Nibs)
- 1 x Cleaning Sponge
- 1 x Tip Storage Tin
- 1 x Screwdriver
- 1 x Pair of Pliers
- 1 x Pair of Tweezers
- 2 x Unfinished Wood Pieces for practice
- 2 x Letter / Number Stencils

# WEP 939-III Dual Pen Pyrography Station

2 Soft-Grip Pens (Wire-Nib Type) Cord Length 40 inches

20 Pyrography Tips (Skew | Wire | Shader Included)

2 Practice Wood Pieces

Pen Holder (Top-Mounted)

2 Stencil Boards

Tweezers

Screwdriver

Pliers



Image 1: All components included in the WEP 939-III Dual Pen Wood Burning Kit.

## 3. SAFETY INFORMATION

**WARNING: This product operates at high temperatures. Always exercise extreme caution to prevent burns and fire hazards.**

- Always work in a well-ventilated area to avoid inhaling fumes from burning materials.
- Ensure the wood burning station is placed on a stable, heat-resistant surface.
- Do not touch the hot tips or metal parts of the pens during operation or immediately after use. Allow them to cool completely.
- Keep out of reach of children and pets.
- Always switch off and unplug the unit when not in use or when changing tips.
- This product is rated for 110~127V 60Hz USA Specification. **DO NOT connect this product to a 220V power socket.**
- Use the provided pen holder to safely rest the pens when not actively burning.

## 4. SETUP

1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Assemble Pen Holder:** The dual barrel pen holder can be mounted on top of the station using the included screw. This saves desk space and provides a secure resting place for the pens. The pen holder also has slots for the screwdriver, tweezers, and the tip storage tin, along with a space for the cleaning sponge.
3. **Connect Pens:** Plug the two detachable wood burning pens into the designated 'TOOL A' and 'TOOL B' receptacles on the front of the pyrography station. Ensure they are securely connected.
4. **Insert Tips:** Select the desired wire-nib tip. Using the provided screwdriver, loosen the screws on the pen's brass terminals. Insert the ends of the wire-nib tip into the terminals and tighten the screws to secure the tip. Ensure the tip is firmly held.
5. **Power Connection:** Connect the power cord to the station and then plug it into a standard 110~127V 60Hz power outlet.



Image 2: The top-mounted pen holder provides convenient storage for tools and a safe resting place for pens.

## 5. OPERATING INSTRUCTIONS

1. **Power On:** Flip the main power switch to the 'ON' position. The red operation indicator light will illuminate, indicating the station is active.

2. **Select Pen:** Use the 'TOOL A / TOOL B' toggle switch to select which pen you intend to use. Only the selected pen will heat up. This allows you to have different tips ready on each pen and switch between them easily without waiting for cooling and reheating.
3. **Adjust Temperature:** Rotate the temperature control knob to set the desired temperature. The range is 250°C to 750°C (482°F to 1382°F). Start with a lower temperature and gradually increase it as needed for your material and desired effect.
4. **Heating Time:** Allow approximately 1 to 2 minutes for the wire-nib pen to heat up completely. Wait for the tip to reach the set temperature before beginning your work.
5. **Begin Pyrography:** Once the tip is hot, gently apply it to your chosen material (wood, leather, paper, gourds, bark, nuts, etc.) to create your artwork. Experiment with different tips and temperatures on practice pieces to achieve various effects.
6. **Resting Pens:** When not actively burning, always place the hot pen in the safety pen holder to prevent accidental burns or damage to your work surface.
7. **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 and allow all components to cool completely before storing.



Image 3: The A/B toggle switch allows for seamless switching between two pens, enhancing workflow efficiency.



Image 4: The temperature control knob allows precise adjustment from 250°C to 750°C.

Video 1: An official product video demonstrating the features and operation of the WEP 939-III Dual Pen Wood Burning Kit, including pen selection and temperature adjustment.

## 6. CHANGING TIPS

To change a wire-nib tip:

1. Ensure the pen is cool to the touch and the station is powered off and unplugged.
2. Use the provided screwdriver to carefully loosen the two small screws on the brass terminals of the pen.
3. Gently remove the old tip. If the tip is stuck, use the provided pliers to carefully pull it out.
4. Insert the new wire-nib tip into the terminals, ensuring both ends are fully seated.
5. Tighten the screws firmly to secure the new tip. Do not overtighten.

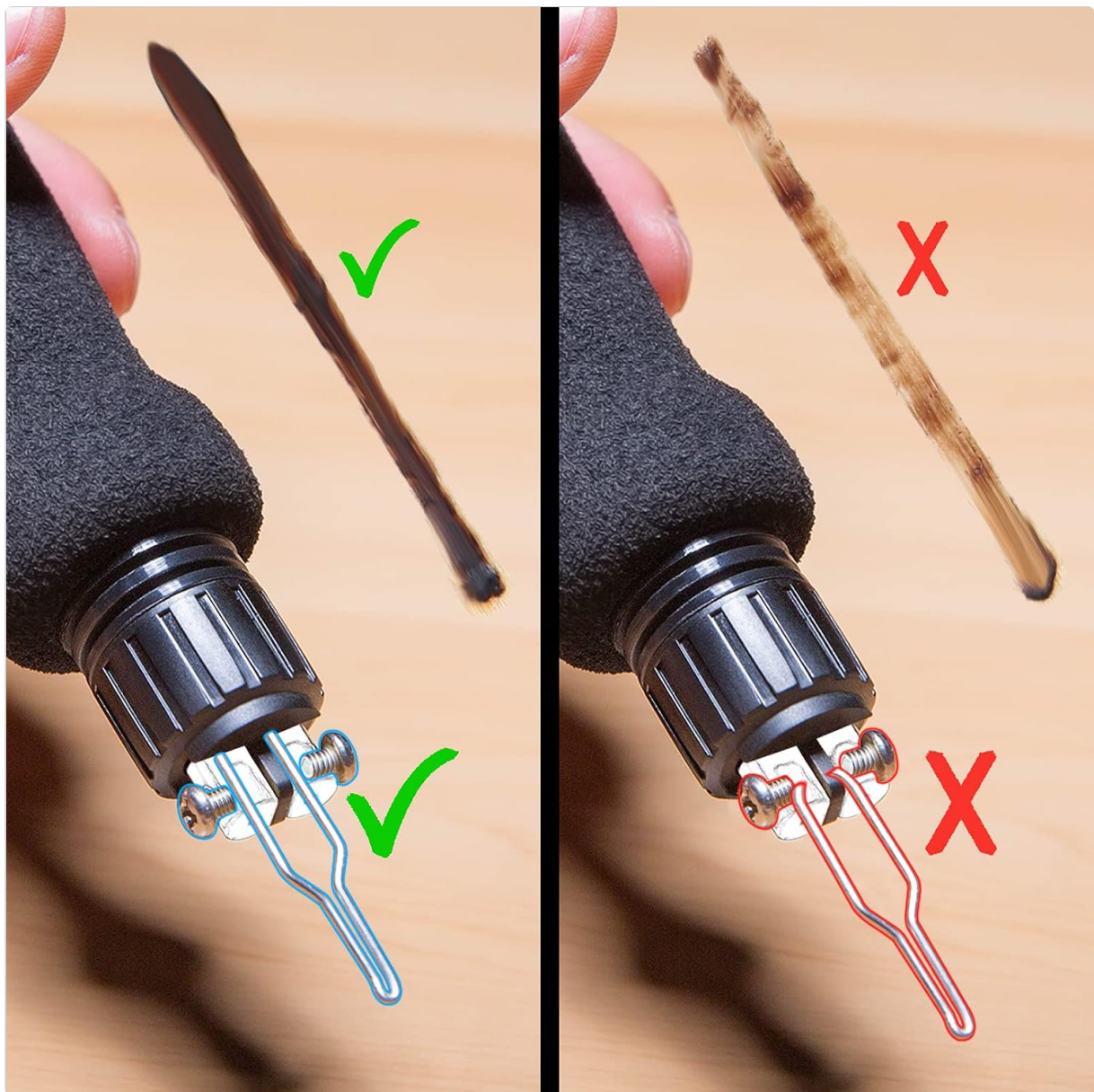


Image 5: A comparison showing a clean, new tip versus a used tip, highlighting the importance of proper tip maintenance.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your wood burning kit:

- **Cleaning Tips:** During operation, carbon buildup can occur on the tips. Use the provided cleaning sponge (dampened with water) to wipe the tips clean. The pen holder includes a dedicated space for the sponge.
- **Storage:** Store unused tips in the provided tip storage tin. Keep the entire kit in a dry, safe place away from dust and moisture.
- **General Cleaning:** Wipe the station and pens with a soft, dry cloth to remove any dust or debris. Do not use abrasive cleaners or solvents.

## 8. TROUBLESHOOTING

If you encounter issues with your WEP 939-III kit, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                          | Possible Cause                                                       | Solution                                                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pen not heating up               | Power switch off, pen not selected, loose tip, faulty connection.    | Ensure main power is ON and correct pen (A or B) is selected. Check tip connection and tighten screws. Verify pen cable is securely plugged into the station. |
| Tip not getting hot enough       | Low temperature setting, carbon buildup on tip, material too dense.  | Increase temperature setting. Clean the tip with the damp sponge. Test on a practice piece of wood.                                                           |
| Pen loses heat during use        | Temperature setting too low for continuous use, material resistance. | Adjust temperature to a higher setting. Allow the pen to recover heat between strokes.                                                                        |
| Excessive smoke or burning smell | Temperature too high, improper material.                             | Lower the temperature. Ensure you are using appropriate materials for pyrography. Work in a well-ventilated area.                                             |

## 9. SPECIFICATIONS

| Feature            | Detail                                         |
|--------------------|------------------------------------------------|
| Model Number       | 939 III                                        |
| Temperature Range  | 250°C ~ 750°C (482°F ~ 1382°F)                 |
| Voltage            | 110~127V 60Hz (USA Specification)              |
| Power Source       | AC                                             |
| Display Type       | LCD                                            |
| Item Weight        | 4.36 pounds                                    |
| Product Dimensions | 6.1 x 4.92 x 3.54 inches                       |
| Manufacturer       | Guangzhou Yihua Electronic Equipment Co., Ltd. |



Image 6: Visual representation of the WEP 939-III station's dimensions.

## 10. WARRANTY AND SUPPORT

This WEP wood burner is covered by our exclusive 1-year USA technical support. Our dedicated team is available for 24-hour assistance. For any inquiries or support needs, please refer to the contact information provided with your purchase or visit the official WEP website.