

K KERNOWO Z95001

K KERNOWO Wood Burning Kit (Model Z95001) Instruction Manual

INTRODUCTION

Thank you for choosing the K KERNOWO Wood Burning Kit. This comprehensive kit is designed for pyrography and creative crafting on various materials including wood, leather, foam, and fabric. It features an adjustable temperature wood burning pen and a wide array of accessories to help you create detailed designs and vibrant artwork. Please read this manual thoroughly before use to ensure safe and effective operation.

SAFETY INFORMATION

- **High Temperature:** The wood burning pen reaches high temperatures. Always handle with care and avoid touching the hot tip or metal parts.
- **Ventilation:** Use the wood burning tool in a well-ventilated area to avoid inhaling fumes from burning materials.
- **Protective Gear:** Wear the included gloves to protect your hands from heat.
- **Stable Surface:** Always place the hot pen on the included safety stand when not in use. Do not place it on flammable surfaces.
- **Unplug When Not in Use:** Always unplug the tool when changing tips, during breaks, or when finished with your project.
- **Children:** This kit is not a toy. Adult supervision is required for users under 18 years of age.
- **Flammable Materials:** Keep flammable liquids, gases, and materials away from the heated tool.

PACKAGE CONTENTS

Your K KERNOWO Wood Burning Kit includes the following items:

- 1 x Professional Wood Burning Pen
- 14 x Assorted Pen Tips

- 1 x Safety Stand for the pen
- 1 x Pair of Protective Gloves
- 24 x Watercolor Paints with Brushes
- 2 x Stencils (Alphabet and various patterns)
- 10 x Carbon Papers for tracing
- 5 x Sketching Papers with designs
- 2 x Pencils
- 11 x Wood Surfaces (including photo frames, bookmarks, and various shapes)
- 4 x Keyrings
- Hemp Rope (2 meters)
- Instruction Manual



Figure 1: All components of the K KERNOWO Wood Burning Kit.

1. **Select a Tip:** Choose the desired tip for your project. Ensure the pen is unplugged and completely cool before changing tips.
2. **Attach the Tip:** Carefully screw the chosen tip securely into the pen's heating element. Do not overtighten.
3. **Place on Stand:** Position the pen on its safety stand on a heat-resistant surface.
4. **Plug In:** Plug the power cord into a standard electrical outlet.



Figure 2: Details of the wood burning pen, including tip attachment and temperature control.

OPERATING INSTRUCTIONS

1. **Power On:** Press the power button on the pen to turn it on.
2. **Adjust Temperature:** Use the adjustable temperature knob to set the desired heat level. Lower temperatures are suitable for lighter shading and softer materials, while higher temperatures are for darker burns and harder woods. Allow 3-5 minutes for the pen to reach the set temperature.
3. **Prepare Your Design:** If using a stencil or tracing paper, transfer your design onto the wood or material using the carbon paper and pencil.
4. **Begin Burning:** Hold the pen like a pencil. Maintain an angle of less than 45 degrees between the pen tip and the material surface for smooth operation and consistent heat distribution. Let the heat do the work; apply gentle, consistent pressure. Avoid excessive pressure, which can bend tips or scorch the material unevenly.



Figure 3: Adjustable temperature control for precise burning.

HOW TO USE THE WOOD BURNING PEN CORRECTLY

Keep the angle between the pen tip and the wood surface **less than 45°** for smooth operation.

CORRECT USE

Angle: **less than 45°**

- ✓ Effortless Gliding
- ✓ Crisp & Precise Details
- ✓ Consistent Uniform Heat Distribution

Consistent Uniform & Heat Distribution

INCORRECT USE

Angle: **greater than 45°**

- ✗ Stuck easily / Not smooth to glide
- ✗ Lines are broken or patchy
- ✗ Excessive pressure may bend the tip or scorch the wood

Excessive pressure may bend the tip or scorch the wood



PRO TIP: Let the heat do the work. Apply gentle, consistent pressure at a shallow angle to maximize your tips' lifespan.

Figure 4: Correct pen usage angle for optimal results.

Step-by-Step Guide for Pyrography

1. **Trace & Transfer:** Choose a wood piece. Place tracing paper over your design, then carbon paper, and trace to transfer the pattern.
2. **Attach & Heat the Tip:** Select a pen tip and screw it securely. Plug in the pen and allow 5-5 minutes to heat.
3. **Burn the Design:** Carefully burn along the transferred lines.
4. **Add Color (Optional):** Let the wood completely cool. Use the included watercolor paints and brushes to add color to your burned designs. Allow to dry fully.
5. **Finish & Display:** Your artwork is complete and ready to be displayed or gifted.



Figure 5: Step-by-step guide for creating wood burning art.

Working with Different Materials

The K KERNOWO kit is versatile for various materials:

- **Wood:** Ideal for detailed pyrography. Experiment with different wood types as they react differently to heat.
- **Leather:** Use lower temperatures and lighter pressure for branding and detailing on leather.
- **Foam:** Suitable for creating textures and patterns. Use very low temperatures to avoid melting or excessive fumes.
- **Fabric:** Can be used for delicate designs. Test on a scrap piece first to determine appropriate temperature and pressure.



Figure 6: One pen, endless possibilities across different materials.

MAINTENANCE

- **Cleaning Tips:** After the pen has completely cooled, gently wipe the tips with a soft cloth to remove any residue. Do not use abrasive materials or water on hot tips.
- **Storage:** Store the pen and all accessories in a dry, safe place, away from children. Ensure the pen is unplugged and cool before storing.
- **Tip Replacement:** Over time, tips may wear out. Replace them with compatible K KERNOWO tips to maintain performance.

TROUBLESHOOTING

Problem: Pen does not heat up.

Solution: Ensure the pen is securely plugged into a working electrical outlet. Check that the power button is pressed

and the temperature knob is set to a desired temperature. Verify that the tip is properly screwed into the pen.

Problem: Tips are not burning effectively or lines are not smooth.

Solution: Allow sufficient time (3-5 minutes) for the pen to reach the set temperature. Increase the temperature setting if the material is hard or if a darker burn is desired. Ensure the tip is clean and free of carbon buildup. Maintain an angle of less than 45 degrees between the tip and the material surface, and apply gentle, consistent pressure.

Problem: Pen tip becomes loose during use.

Solution: Unplug the pen and allow it to cool completely. Carefully retighten the tip. Avoid overtightening, but ensure it is snug. The heating and cooling cycles can sometimes cause slight loosening.

SPECIFICATIONS

Brand	K KERNOWO
Model Number	Z95001
Art Craft Kit Type	Wood Burning
Included Components	Wood burning pen, 14 assorted tips, stand, gloves, watercolor paints with brushes, stencils, carbon papers, sketching papers, pencils, wood surfaces, keyrings, hemp rope
Material Compatibility	Wood, Leather, Foam, Fabric
Adjustable Temperature	Yes
Item Weight	0.5 kg
Number of Pieces	81

WARRANTY AND SUPPORT

K KERNOWO products are manufactured to high-quality standards. For any questions, concerns, or support needs regarding your wood burning kit, please contact the manufacturer directly through the retailer's platform or the contact information provided with your purchase. Please retain your proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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