

Professional Woodburning Detailer with Digital Temperature Control

Our Professional Woodburning Detailer 60W Tool with Digital Temperature Control and 20 Tips is the most versatile unit and features a wide heat range. Professional-grade imported tool for wood burning with one or two pens, 20 interchangeable wire tips and digital voltage control.

- **Super powerful 60W wood burner features near instant heat response with digital precise voltage control.**
- **Optionally two small and lightweight handpieces to quickly switch between nibs without waiting for nib to cool down.**
- **Removable nibs - no need to buy extra pen, just extra nibs is all you need.**
- **20 nibs included with the kit - shading, razor-thin, and many other tips.**
- **USA 110V Plug, 1550F max temperature.**



Warranty Information

Your TRUArt pyrographic tool is guaranteed to operate properly for a period of three (3) years on the power supply, one (1) year on handpieces (including fixed tips), and ninety (90) days on all interchangeable tips. This warranty provides for repair or replacement, at the manufacturer's option, of any defective components. This warranty is limited to the actual cost of repairs and will not cover shipping costs or any consequential damages resulting from failure of the unit or its components to perform as stated. All warranty work must be done by the manufacturer. The manufacturer will not cover the costs of repairs done elsewhere.

Warranty will be voided if unit has been tampered with, altered or repaired by unauthorized persons or companies. In the event that your burner or handpiece should need service, our average repair turnaround time is only one day in shop. To receive in or out-of-warranty servicing please reach us out at hello@truartpen.com

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Packing list and part names

(Two-pen model is shown on the picture. One-pen model is similar)



1. Terminals 2. Voltage Fine Tuning Pot 3. Voltage Adjustment Knob 4. On/Off Switch 5. Power Cord	6. Two Handpieces 7. Nib Holder 8. Wire Nibs (or Tips) 9. Extra Nibs (or Tips)	10. Sponge 11. Handpiece Holder 12. Voltage Display 13. Handpiece Switch
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How to Use the Tool

1. Attach Handpieces (#6 in the image) to the Terminals (#1 in the image).
2. Plug the Power Cord (#5 in the image) into an electric outlet and turn on the On/Off Switch on the side to heat (#4 in the image) - it usually takes less than a minute for the tool to heat.
3. Set the round Voltage Adjustment Knob (#3 in the image) to the desired voltage.
4. Voltage Display (#12 in the image) will show currently selected voltage. Depending on the nib used, different voltage may produce different temperature. Make sure to use test piece of wood to confirm correct voltage setting.
5. If necessary, use Voltage Fine Tuning Pot (#2 in the image) to fine tune voltage regulator with the help of a small flat-head screwdriver - for optimal use with your mains electricity. Typical case is when voltage is too high on the lowest setting, or too low on highest.
6. Use the Handpiece Switch (#13 in the image) to select the Handpiece (#6 in the image) - Handpiece I or Handpiece II.
7. Always place the handpiece on Handpiece Holder (#11 in the image) so Nibs (tips) do not touch other objects when not in use.
8. Hold the handpiece as you would a large pencil.
9. Always practice a new technique on a sample piece before starting a new project.
10. The tool comes with a total of 20 nibs (#8 and #9 in the image).
11. To clean nibs, use wet Sponge (#10 in the image). To wet the sponge, pour some water on it - make sure it is sufficiently wet but not too swampy.
12. Use pliers to tighten nibs in the Nib Holders (#7 in the image) - if you try to tighten nibs by hand, there is a chance you do not tighten them well enough and the tool will not work or will be producing a buzzing noise. In such event - re-tighten nibs holder using pliers. Avoid contact with nib holder or nibs while tool is hot - severe burns will happen.

Most burning can be done at lower temperatures, there is no reason for a lot of smoke (or fire!) to come off your work! About 700 degrees F will give a nice “toast” to your work. In some cases, if you burn too hot, paint adhesion can be a problem, as the pores in the wood are sealed shut. Burning at a lower cooler temperature will also tend to avoid residue and buildup on your tips.

However, there may be situations where you will need extra heat (power) to undercut or relieve a carving detail and such a cut may require as much as 1500 degrees or more. If you plan to do feather inserts, the unit has to deliver the extra power necessary to accomplish the deep slotted cuts required to accept the pre-shaped feather inserts.

One method used to clean and restore tips is a cleaner pad that has very fine abrasive (600/800) grit bonded to both sides of a foam core pad. This is fine enough to clean your tip without removing metal, and is still enough to redress a dulled tip.

Another method is a leather strop to sharpen and buff out an edge. The strop can be treated with a bit of Neatsfoot oil or a very small amount of polishing paste or extremely fine honing compound. Use care, too little is better than too much when it comes to burning tips. Work the tip cold, and with tip on its side, use gentle draw strokes with a finger lying over the upper side of the tip to support it.

Technique

For control and accuracy, you must always establish a surface anchor or “fulcrum” with either the little finger or the side of the hand while you texture. This contact with the carving surface is imperative to exercise the control necessary to place a stroke with respect to width, length, direction, and relationship to previously placed strokes. To better understand the need for this concept, try writing a check without any part of your hand touching the surface of the check.

If you feel no “pull” or friction on your stroke, chances are you are running at too high a heat setting. You will know, because the surface will be more black (charred) than the middle brown (toast) color you should achieve.

If you feel an inordinate amount of “pull” or friction on your stroke, you are probably operating at too low a temperature setting. If the resultant stroke is just a light brown mark where the stroke begins, and nothing more than a tool mark at the end of the stroke, you may want to consider an increase in your temperature setting.

Hold the pen (handpiece) at sufficient angle as you burn to keep the rising heat from going directly to the fingers – this gets uncomfortable very quickly.

Always have a scrap piece of wood (of the same kind used in the carving) at hand to check, adjust, correct, and practice your burning strokes – before you attempt any burning or texturing application to the carving!

Woodburner Use and Safety

1. Do not use excessive pressure when texture burning – learn to adjust the heat setting to make it work you for instead of stressing the pen and tip.
2. Never touch metal object with a nib - this can destroy unit due to electrical shortcut.
3. Use care and common sense in how you clean and/or re-sharpen the tips. Use a leather strop or bugging wheel with fine polishing rouge, and learn to work at the lowest temperature necessary to achieve the result you want.
4. Always keep the unit out of the reach and away from children. Tips are sharp and very hot, and will burn skin and flesh easier than wood.
5. Whenever you burn, assume a comfortable and relaxed position, with respect given to arm, head, body and leg position. For example, if you begin to feel stress in the back of your neck, change the angle you are holding the work, or adjust the heat of your seat to relieve the strain.
6. Always work with sufficient quantity and quality of light. Use a shadow light (a strong light to the left of the work – if you are right handed) that creates a shadow with each stroke, making it easier to place and register strokes.
7. Turn the unit OFF whenever you leave it – not only will you avoid a fire hazard, but you will prolong the life of the burning tip. Most burning units will heat the tip to operational temperature in less than thirty seconds – time well spent when considering the possible alternatives that could occur by not turning the unit off.
8. If the handpiece begins to make noise and stops heating, turn it off and re-tighten the nib holder using pliers. If that does not help - turn off the tool and replace nib. If handpiece still does not work with replacement nib, it might be defective handpieces - please contact us to arrange repair and/or replacement.
9. If a unit begins to make noise or buzz, turn it off, allow the pen to cool, and change pens. Usually, an occurrence such as this is indicative of a shorted pen. If the noise continues with a new pen, you should contact us to ascertain the cause of the problem and/or make arrangements to return the unit.
10. Keep wood scraps available to check heat settings and to practice strokes. To maintain uniformity, the test piece should be the same type of wood as the carving you are, or will be working on.