**“The Lightning Box”**

**Model #358 (120v) or #440 (220v)**

**List of components included in the system.**

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1. **This system has a 1000v – 1000Ma power supply. (1)**
2. **12 AWG, 20A power cord and universal adapter. (1)**
3. **Plug-in foot switch, 100-250v**
4. **Small adjustable modular probes. (SAPs) (2)**

**With 80” extension high voltage leads (2)**

1. **2-in-1 splitters (2)**
2. **Mini-Alligator probes. (2)**
3. **#365 HHP (HandHeld Probe) (1)**
4. **Hardware Key (HK), to bypass the HHP. (1)**
5. **This High-Output model required a higher level of electrolytes. It has less voltage (1000v) and higher amperage (1000Ma). The electrolyte mixture must be one cup of HOT water and two tablespoons of baking soda. Table salt, borax, and petalite will also work. Prepare the wood by cleaning, sanding, and soaking with electrolytes.**

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1. **The power cord is a 12AWG 3-core cord with a 20A NEMA plug. The 15A to 20A adapter is furnished so you can use it in a 15A circuit. Do not allow the amperes to exceed 15A, use the VVR to limit the current.**

**A black power cord with plugs

Description automatically generated A couple of black adapters

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1. **The foot switch and all other control circuits are separate from the power circuit. Push the release button before pulling the connector out of the panel. Do not yank it, it may break.**

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1. **The small adjustable probes (SAPs) have legs that can be turned to adjust the height and angle of the tips. Keep the ceramic insulators clean. Use soap and water. Two 80” high-voltage leads are included.**

**A group of electrical wires

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1. **The splitters allow you to connect two leads into one socket. You can also connect both splitter into one socket, piggyback style, to have three probes on a main socket and use the HHP in the other socket.**

**A group of red and white wires

Description automatically generated**

1. **The Mini-Alligator probes can connect to nails, screws, or clip to small pieces of wood. The alligator clamps are not insulated enough to hold them. Do not touch the alligator clamps while burning.**

**A red cables with clips

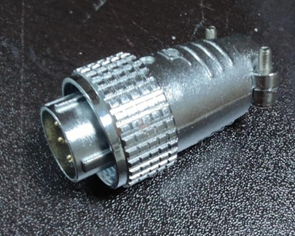
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1. **The HHP has a trigger that does the same as the foot switch, ON – OFF. The thumbwheel regulates the power, the same as turning the VVR knob on the back panel. You can use the HHP in one socket and use three more probes in the other sockets. When you pull the trigger and push the foot switch, the probes with the best circuits will burn.**

**A black and red tool with a red and black hose

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1. **You may mix-n-match the probes and HHP based on your needs. If you aren’t using the HHP, insert the HK into the socket after removing the copper jumper.**

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**Ground Fault Interrupters (GFIs) do not work with burners. The transformer is an isolated type. The output is isolated from your house circuit.**

**The High-Voltage accessories are insulated by using ceramics, PVC pipe, PVC shrink tube, silicone wire insulation, PVC sockets and plugs, and silicone tubing. Do not repair damaged insulation with electrical tape. It is only rated for low voltage.**

**If you buy our Lichtenberg wood burning products and have a repair issue, contact us. I will furnish small repair parts; you pay the air freight. This only applies to small electrical parts.**

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