Conestoga Works
Lichtenberg Figure Wood Burner™

A state of the art high voltage wood burner designed with user safety as a paramount feature.

Features:
- 12,000 volt, 35 mA, solid state power supply
- 110 volt AC, 50/60 Hz, 300 watt input
- Momentary foot activator switch, press to turn the unit on—release to turn the unit off.
- Indicator lamp illuminates when unit is on.
- Insulated plastic case with built-in insulated pockets for probe storage.
- 36” insulated leads
- Custom designed phenolic probes with safety ring to protect the user from the probe tips.
- Large brass tips

The Conestoga Works Lichtenberg Figure Wood Burner™ is the original high voltage wood burner. It is a complete system and features state-of-the-art electronics, custom built probes, and a foot activated switch. The cables and probes are constructed of extremely high dielectric insulating materials to ensure the user is protected from the electric current. The foot switch conveniently controls the power to the burner and allows the user to maintain total control of the probes. Complete instructions are supplied with the burner and are available on the Conestoga Works website. It is the user’s responsibility to read, fully understand, and comply with the instructions at all times during the use of the burner.

WARRANTY

Conestoga Works LLC warrants to the original purchaser the Lichtenberg Figure Wood Burner™ to be free of defects from the date of purchase for a period of one year.

Damage resulting from all other causes, including but not limited to acts of God; improper installation, modification, alteration or misuse of the burner or its operation in a manner contrary to the instructions accompanying the burner at the time of sale; accidental or intentional damage, neglect, improper care, or other failure by the owner to provide reasonable and necessary care of the burner; any attempt at an unauthorized repair of the burner; or any other causes beyond the control of Conestoga Works LLC are excluded from this warranty.

If the purchaser feels the burner is not free from manufacturer defects or feels the unused burner cannot be used in a safe manner in accordance with the accompanying instructions please contact Conestoga Works LLC, 4711 Willow Circle, Edmond OK 73013, (405) 420-4686 or charles@conestogaworks.com for a return authorization. The original purchase price, minus shipping charges, will be refunded or a replacement unit will be sent to the purchaser upon receipt and inspection of the returned unit.

Conestoga Works makes no express warranties, except for those that are set forth herein and shall not be liable for any incidental, special or consequential damages with respect to the Lichtenberg Figure Wood Burner™ covered by this warranty. Conestoga Works LLC’s complete liability and the owner’s exclusive remedy being limited to the replacement on the terms stated herein, any implied warranties, including but not limited to the implied warranty of merchantability and of fitness for any particular purpose are expressly excluded.

No person is authorized to change the warranty in any way or grant any other warranty unless such changes are made in writing and signed by an officer of Conestoga Works LLC.

$299.00

Complete system, ready to use. Place your order at www.conestogaworks.com
“Lichtenberg figures” are branching tree-like patterns that are created by the passage of high voltage discharge along the surface, or through, electrically insulating materials (dielectrics). The first Lichtenberg figures were actually 2-dimensional “dust figures” that formed when dust in the air settled on the surface of electrically-charged plates of resin in the laboratory of their discoverer, German physicist Georg Christoph Lichtenberg (1742-1799). Lichtenberg figures are not true fractal patterns. A fractal pattern is a mathematical construction so designed that it looks the same at any scale. Because Lichtenberg figures and fractal patterns both have similar appearances such as lightning or trees, the term “Lichtenberg Fractal Patterns” has commonly but mistakenly been used to describe these figures.

“This Lichtenberg unit is impressive from start to finish. It’s well built and well designed, and it does a heck of a job creating beautiful dendritic figures on wood. I’ve always liked the look of Lichtenberg figures, but I’ve been intimidated by the process of building a unit from scratch. With the device Charles has created, I don’t have to worry about making a mistake in the design or construction. From the physical style of the unit to the clarity of the instructions, every detail has been well thought out and perfectly executed. The probes are comfortable to hold and the foot pedal allows me to focus all of my attention on the task at hand. For anyone interested in creating this type of wood art, I recommend the Lichtenberg unit from Conestoga Works without hesitation.”

Dr. David Keller