

Thermal/Generator Instructions

The Thermal/Generator Power Supply is designed to heat hot wires up to 50". Attempting to use on any length greater than 50" will overload and damage the Thermal Generator.

Attached the Plus and Minus terminals to the wire using the Interconnect Wire Set at a distance as follows:

- 28" Bow-26"
- 40" Bow-38"
- 52" Bow-50"

Before turning on the Thermal/Generator, be sure to turn all knobs counter clockwise to off position.

- Turn the CURRENT COARSE knob to full on-clockwise.
- Turn on the Thermal Generator.
- Slowly increase the COARSE VOLTAGE knob clockwise until desired voltage is reached. Precisely adjust this reading with the FINE VOLTAGE knob.
- Turn the Thermal Generator off after each cut.

You can heat short lengths of hot wire. For example: 6" length = $.06 \times 6 = 3.6$ volts. Remember to keep the amp reading below 2 amps.

CAUTION: 30 volts is dangerous. Do not touch exposed leads, connectors or hot wire. Store and use in a clean dry environment. Remove all flammable materials from the area surrounding the Thermal/Generator. The Thermal Generator must be used with a grounded power source. Unplug it from the wall when changing the fuse or when not in use. Turn off the Thermal/Generator off after calibrating voltage for your wire. Do not allow an amp reading of more than 2 amps.