

ALLEN DATAGRAPH

Technical Support Bulletin:

Hot Tip Instructions

Last Update August 26, 2004

Your Allen i-TECH temperature controller has been factory set to cut most materials, and has been thoroughly cut-tested using reflective materials. The sample of material included with your i-TECH was cut on your machine during the final testing procedure.

It may become necessary to adjust the heat setting when cutting different types of material, but it is suggested that only the cut speed and force be adjusted to achieve satisfactory cutting prior to adjusting the heat setting.

The sample of material received with your i-TECH was cut at the factory default setting for heat, with only the speed and force being adjusted to achieve the results seen.

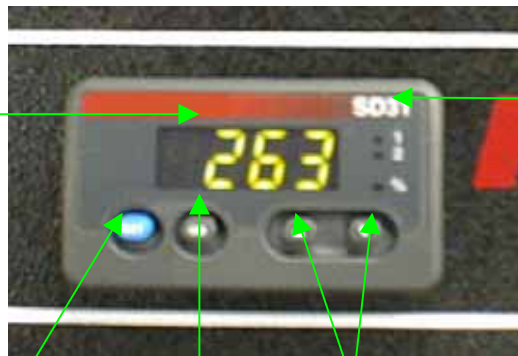
Setting #4 has been factory set to cut with the hot tip. Load setting 4 by pressing Press select on the front panel of the cutter. Press left or right arrow until **SET** menu is displayed. Press up or down arrow to display **Load**. Press select. Press up or down arrow to display the number of the setting you want to, load (4); Press select. If you want you can save setting 4 as the power up default by saving setting 4 as setting 1. A good starting point for speed is 33%, with a force setting of 30% for heavy reflectives such as 3M Diamond Grade material. Use the factory default heat setting to start.

If it should become necessary to adjust the heat setting, the instructions below will guide you through the process.

If you need further technical assistance, please contact Allen Datagraph Technical support at 603-893-1983.

Digital Display

Displays current heat setting or menu item
(Temperature shown is not typical cut temperature. Shown for photographic purposes only.)



Indicator Light

Illuminates when heat is being applied to tip

SET Button

Press and hold to adjust heat settings using up and down keys

Infinity Key

NOT USED

Up & Down Keys

Press to adjust heat setting while holding SET key

To adjust heat setting or to turn heat on when heat is set to OFF:

- 1) Press and hold SET key.
- 2) Adjust heat setting using up or down keys.
- 3) Release keys when desired setting is reached.
- 4) Allow tip to heat up before performing test cut or proceeding with cutting operation.

To Turn heat OFF:

- 1) Press and hold SET key.
- 2) Press and hold down key until OFF is displayed.
- 3) Release SET key.