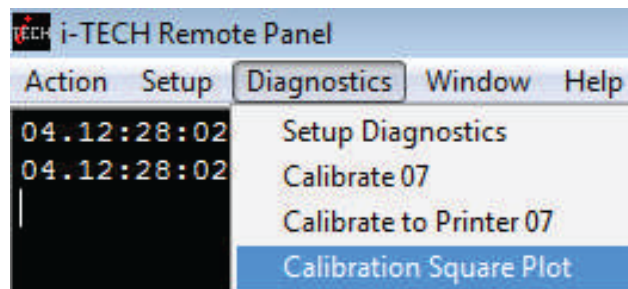# i-Cutter Calibration

i-Tech i960 and MMC

It is recommended to calibrate the plotter to a dimension that is an average size cut you normally perform.

CALIBRATION INSTRUCTIONS:

1) Power on the machine, load material, and ready the position of the cutting head along with the force and speed.
2) Open the (Allen, i-Tech, or MMC) Remote Panel downloaded on your desktop.
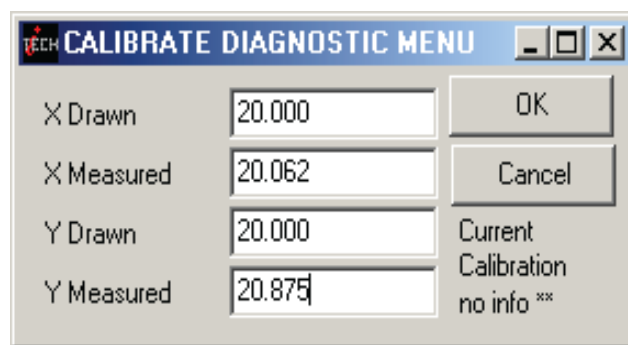   *May also be located in: Click Start > All Programs > Allen Datagraph*

NOTE: If you do not have the remote panel, send a request to our technical support department with your serial number at
        http://allendatagraph.com/tech-support/ and we will provide a direct link to download/install.

3) Click Setup > Com Port > (choose the com port the plotter is operating on)
4) Click Diagnostics > Calibration Square Plot
5) Enter the size of the X axis (media movement) cut you wish to calibrate to
6) Enter the size of the Y axis (carriage movement) cut you wish to calibrate to
7) The machine will now cut the calibration sqaure
8) Measure the cut and record these values for X and Y measurements

If adjustment is necessary, continue:

9) Click Diagnostics > Calibrate 07
10) X Drawn = desired distance to cut in the X axis (media travel)
        X Measured = actual measurement of the calibration square in the X axis
        Y Drawn = desired distance to cut in the Y axis (carriage travel)
        Y Measured = actual measurement of the calibration square in the Y axis
11) Click OK
12) Verify the percentage of changes are less than 4% and click OK
13) The cutter will reboot
14) Ready the plotter for another calibration square cut
15) Repeat steps 4 through 8 until calibration is achieved.

Contact ADSI Technical Support if you have any questions or concerns @ http://allendatagraph.com/tech-support/