Using the TempTAB Trakker Software – General Instructions

The TempTAB Trakker Software is an Excel Workbook.

There are three tabs on the bottom left hand corner of the screen. "Instructions", "Input" and "Furnace".

Start by clicking on the "Instructions" Tab then scroll down to the "Quickstart Instructions".

1) From the pull down Menu select "Centigrade" or "Fahrenheit".
2) Initially the offset should be set to "0". This field can be used later to calibrate the TempTABs to your process.
3) Enter the name of your Furnace.
4) Determine the locations inside your furnace that you want to monitor and enter the locations in the cells. The software allows you to enter between 1 and 9 locations.

To erase data, highlight the cell(s) to be erased, then Edit, Clear Contents

Go to the "Input" tab
Click on the cell below the heading "Product and Batch". A drop down menu should appear. Select the TempTab Product and batch number for the TempTAB you are using.

Click on the cell, below the heading "Time". A drop down menu should appear. Depending on the product you are using there are usually several different schedules available. (10, 30, 60, 120, 240+ minutes and S10, S30, S60, S120, S240) Select the schedule that is closest to your process. The single numbers represents TempTAB results based on inserting the TempTABs into a hot furnace for the specified number of minutes then cooled in air. The "S" in the second group represents a "Sintering" Profile that has a ramp rate up to the set point then a hold time equal to the number of minutes. Ie: A "30 " profile represents placing a TempTAB into a hot furnace for 30 minutes then removing it and cooling in air. An "S30" profile represents placing the TempTAB into a furnace, ramping up to the setpoint as in a sintering process, then once at the setpoint temperature, the process is held for 30 minutes.

Once you have the selected the correct "Product and Batch" and the correct "Time", you can highlight the two fields and the cells below you want to populate and then Edit, Fill Down. Theses can be used for future runs.

Date and Run# are optional but the date does appear as a label on the output graph.

The TempTAB dimensions are entered to the right of the run # on this page once the TempTABs have gone through the furnace and have been measured.

Go to the "Furnace" tab.
The furnace Tab contains the results. There will be a graph at the top of the page and a temperature table at the bottom of the page. The scale on the graph can be easily changed by "right-clicking" on the top number in the scale then hitting "Format Axis", then go to "Scale". Enter the maximum and minimum temperatures you want to graph, then hit "OK".

The data in the bottom table can be highlighted and copied to another spreadsheet or workbook.

To clear data out of the workbook it is always best to highlight the data, then edit, clear, contents.