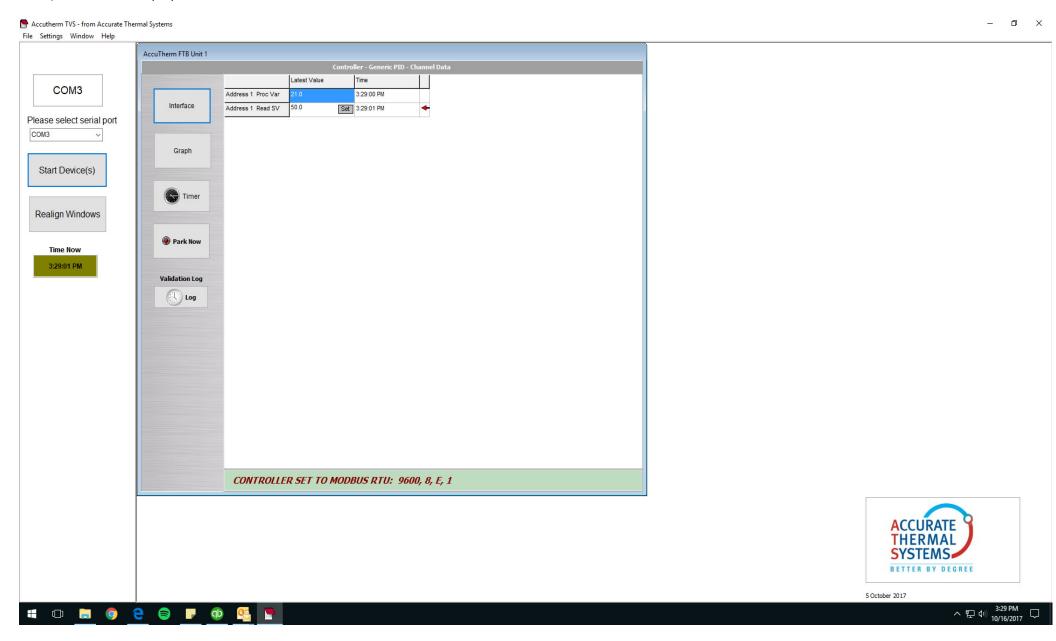
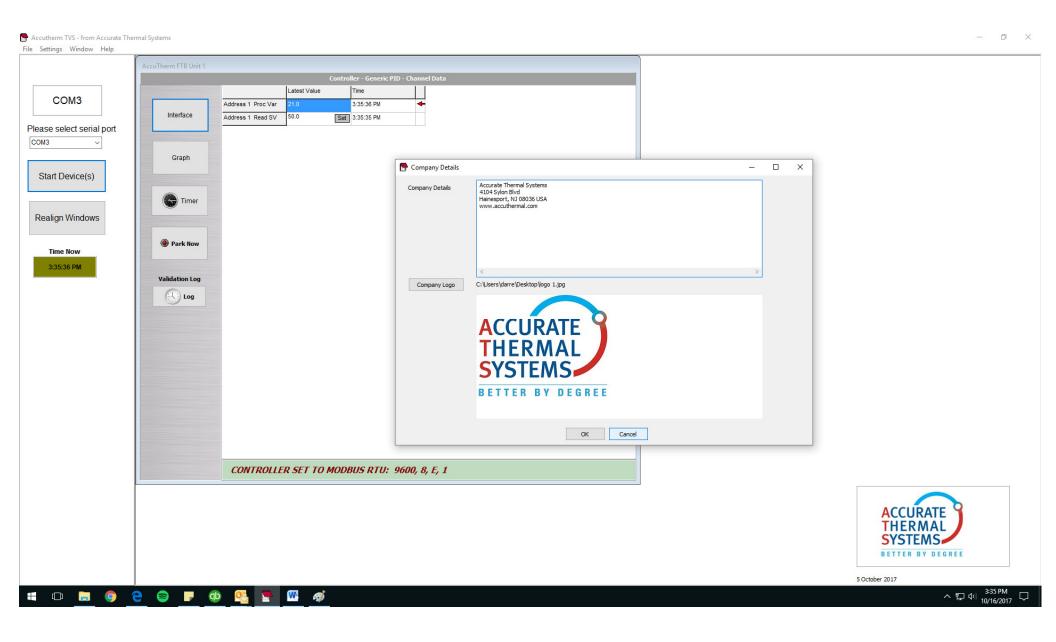
## Screen shots and steps for using Accurate Thermal Systems TVS software (Temperature Validation Software)

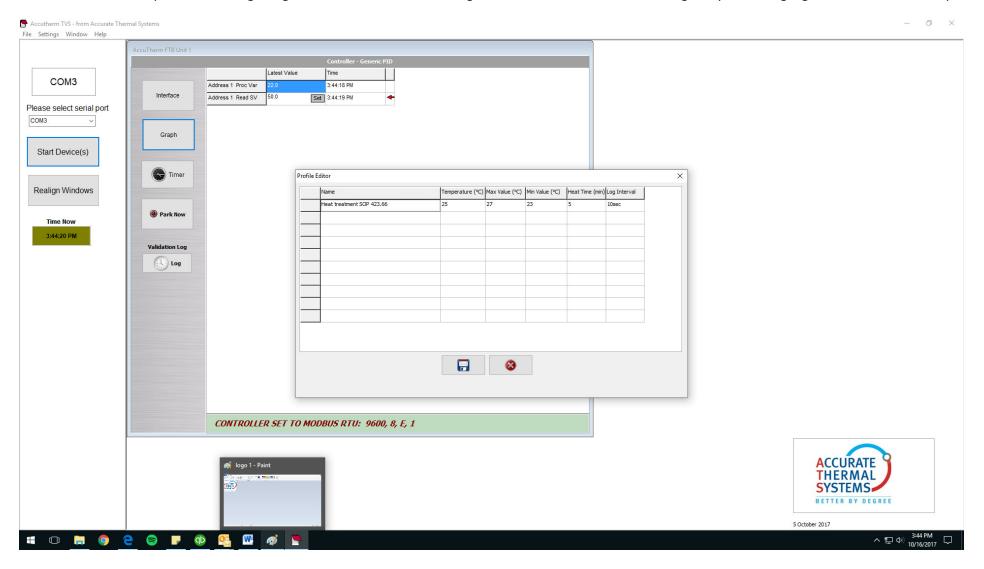
- 1) Click on "File", then "Open unit 1" (this establishes the software connection to the Fluidized Bath)
- 2) Click "Start Device"
- 3) Screen will display similar to below



Next click on "Settings", "Company Details" and complete your company info and logo as needed. This information will show up on the validation reports.

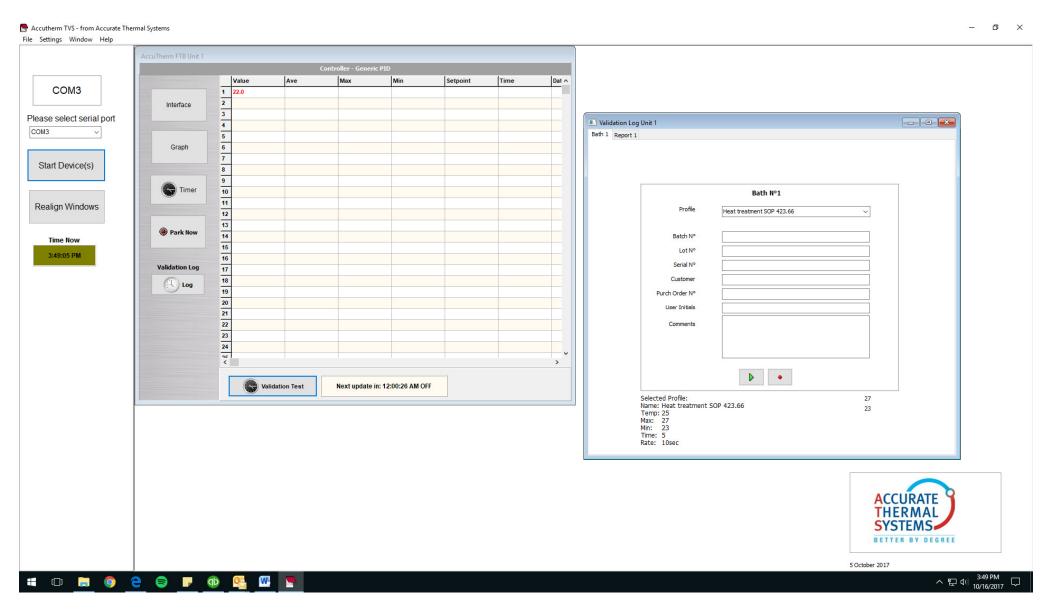


Click on "Settings", "Edit Profiles" to create or edit your temperature validation profiles. Here you enter the name of the process, the target temperature, max and min temperatures that the process should be within and then the overall heat treat time. Last you select a log interval for the process. The software will capture the Fluidized Bath temperature reading using the set interval. When readings fall outside of the min/max settings they will be highlighted in italics on the report.

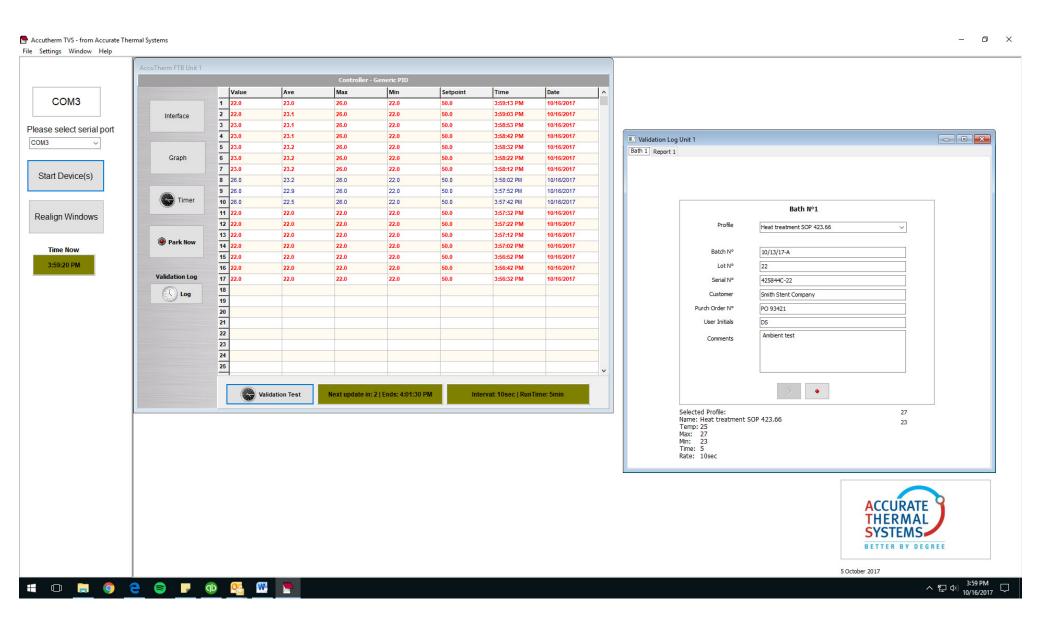


Click on the "Log" button under "Validation Log" and then click "Validation Test".

Enter the particulars of the validation log including selection of the "Profile", "Batch No", "Lot No", "Serial No", "Customer", "Purch Order No", "User Initials" and "Comments". When ready immerse fixture or device into the Fluidized Bath and then click the green arrow start button.

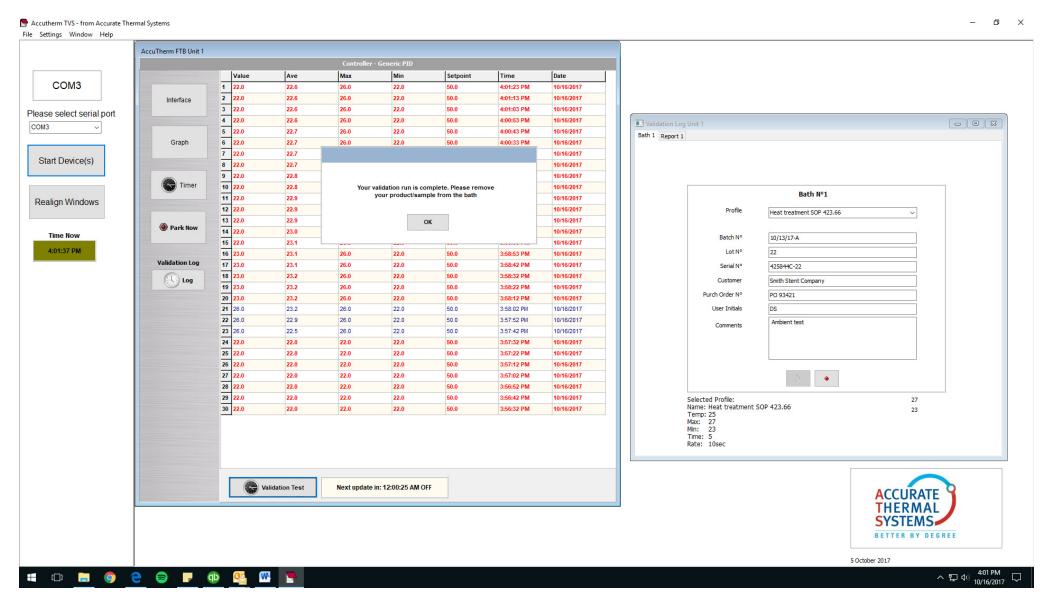


Once the run starts readings obtained from the Fluidized Bath temperature controller will be displayed in the window in real time. Any readings that exceed the "Max" and "Min" settings in the Profile setup with turn blue as shown.



After the heat treatment time is up the message below will pop up. Remove your fixture or device from the Fluidized Bath.

Next click on the Red stop button in the "Validation Log unit 1" window which will end the run. Click on "OK" in the pop up message.



Click the "Report 1" tab in the "Validation Log Unit 1" window to reveal the validation results. The print button will print the report and clicking PDF will launch a standard Windows save box to allow the test result to be saved as a PDF file.

To start another validation log click on the "Bath 1" tab and complete data and select the profile for the next run.

