



Result transfer to Excel based on Temp_c.dat

The enclosed script gives the possibility to read evaluation results from Temp_c.dat and write it to a csv file that can be imported by Microsoft Excel or other spreadsheet programs.

Please note: The enclosed package is designed for S8 devices with TouchScreen. If you want to install it to devices without TouchScreen, please adapt the paths at the two files output_to_csv.ini and output_to_csv.bat.

To set up the script, please unzip the enclosed zip file to drive D: of the TouchScreen PC which is mounted as to the external PC as drive T:\ [S8 Tiger] or L:\ [S8 Lion / Dragon]. After the file has been unzipped, you should have the following file structure at the drive:

D:\output_to_csv\
D:\output_to_csv\output_to_csv.bat
D:\output_to_csv\output_to_csv.ini
D:\output_to_csv\output_to_csv.log
D:\output_to_csv\output_to_csv.vbs
D:\output_to_csv\output_to_csv_counter.txt
D:\output_to_csv\data

The batch file will later call the vbs script which extracts the data from Temp_C.dat and writes it to a csv file. If the according csv file already exists at the file system, the script will add a new line with the data from the last measurement. If the file does not yet exist, the script will create it.

If the script is executed without any changes, the created csv file will get the name clinker.csv and will be stored at the subfolder "data". If you want to adapt this to your own needs, you can change the filename and the location by editing the batch file.

Before you can use the script, you have to move the batch file from the output_to_csv folder to the folder Specplus\Libraries\MeasMethods.

Results from different measurement methods can be stored to different csv files. The only thing that has to be done is to create copies of output_to_csv.bat with different names. Please edit these batch files and modify the filename of the created csv file.

After these preparations have been done, the Evaluation Model (evm file) of the measurements, for which the result transfer should be available, has to be edited and the vbs file has to be added to the entry "User Calculation". After this has been done, the script will get executed after each measurement.

There are some possibilities to personalize the script through the configuration file output_to_csv.ini. The most important entry is the selection of the column separator. With separator=tab, the csv file is better readable for humans with a plain text editor, but import of the data to Excel is only possible with the data import assistant but not with the file open dialog. If you want to open the file with Excel, it is recommended to set this entry to separator=semicolon.

For some language settings like German, we recommend to set the DecimalSeparator=. From point to comma (DecimalSeparator=,). Otherwise, evaluation results may be interpreted by Excel as a calendar date instead of a number.

As Excel will lock the csv file as long as it is open, we recommend opening the csv file only as long as there is no measurement running or to copy the file and work with the copy. Otherwise there may be a script error if the csv file is open and the script tries to add new results.