

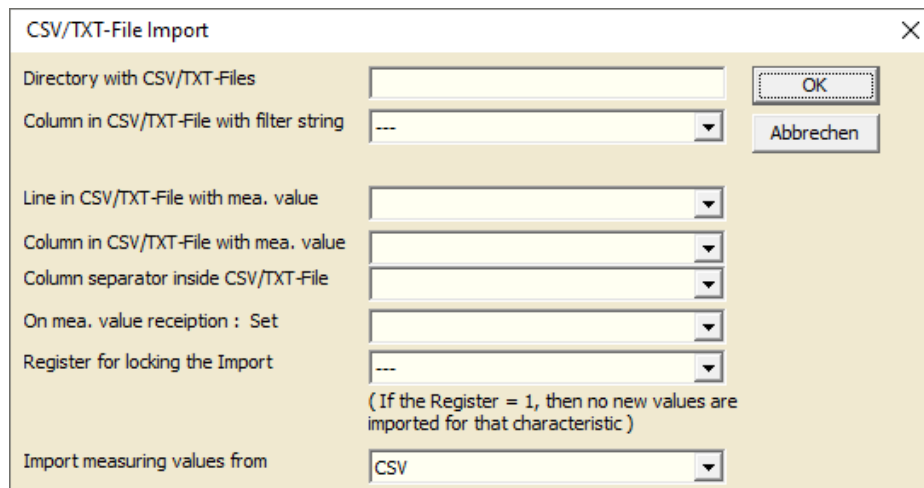
1. Introduction

The ComGage measuring mode “CSV/TXT-File Import” allows to import measuring values from a CSV or TXT file.

There are different ways to select the required value from the file. These ways are described in the following sections.

2. Setup settings

This measuring mode allows different settings :

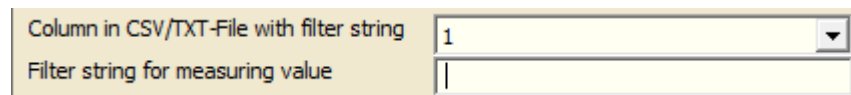


1.) *Directory with CSV/TXT files*

Here, the directory has to be entered where ComGage shall search for the CSV or TXT files (e.g. C:\Temp).

2.) *Column in CSV/TXT-File with filter string*

Here, a column to search a filter string in can be selected (1 ... 200). If a column is selected, a second text field is displayed, where the filter string has to be entered :



The line of the CSV or TXT file with the measuring value is only selected if the entered filter string can be found in the designated column.

3.) *Line in CSV/TXT-File with mea. value*

Here, a line can be specified from which the measuring value is loaded (1 ... 200). This option is only available if no filter string is used.

4.) *Column in CSV/TXT-File with mea. value*

Here, the column in the CSV or TXT file (1 ... 200) has to be specified from where the measuring value is loaded.

5.) *Column separator inside CSV/TXT-File*

Here, the column separator in the CSV or TXT file has to be selected.
Available are : “ , ” (comma) / “ ; ” (semicolon) / “TAB”

6.) *On mea. value reception : Set*

Here, a register can be selected to be set to 1 when a measuring value was received for this characteristic (register R1 ... R899). This register can then be used e.g. for the sequence control in the test scheme.

7.) Register for locking the Import

Here, a register can be selected for locking the import for this characteristic (register R1 ... R899). If the register has a value of 1, no new values are imported for this characteristic.

8.) Import measuring values from

Here, the file type has to be selected from which the measuring values shall be imported. Available are : CSV / TXT.

Please note : The file name of the CSV or TXT file cannot be selected. So please make sure that only the CSV or TXT files with measuring values are present in the selected directory.
The CSV or TXT file is automatically deleted after the import.

3. Example

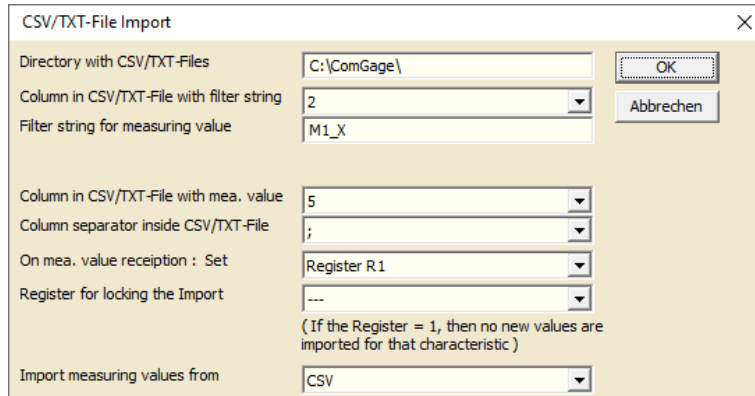
Example for a CSV file :

```
sad;3q3412;sdd;123123;sadxyc  
sad;M1_X;sdksald;fsdklsdf;12,2130  
sad;M2_Z;sdksald;fsdklsdf;-23,2300
```

Marked in red colour are the filter strings (M1_X / M2_Z) and the measuring values. Depending on the filter strings, the values shall be imported to different characteristics.

The configuration of the measuring mode “CSV/TXT-File Import” could look like this :

Characteristic 1 :



CSV/TXT-File Import

Directory with CSV/TXT-Files: C:\ComGage\

Column in CSV/TXT-File with filter string: 2

Filter string for measuring value: M1_X

Column in CSV/TXT-File with mea. value: 5

Column separator inside CSV/TXT-File: ;

On mea. value reception : Set: Register R1

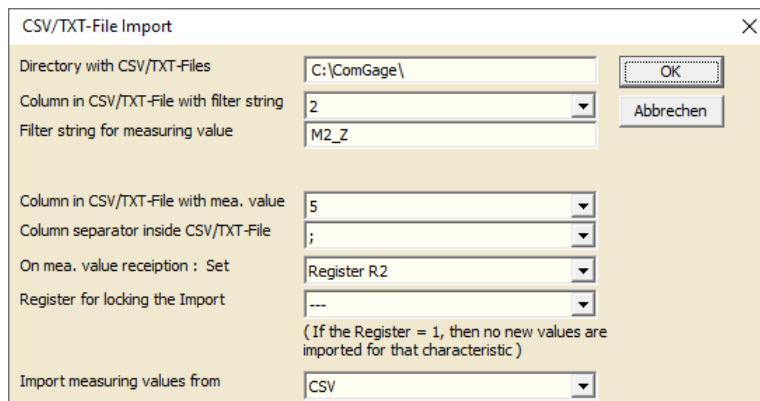
Register for locking the Import: ---

(If the Register = 1, then no new values are imported for that characteristic)

Import measuring values from: CSV

Only values in lines that contain the filter string M1_X are imported. The register R1 is set to 1 after the import.

Characteristic 2 :



CSV/TXT-File Import

Directory with CSV/TXT-Files: C:\ComGage\

Column in CSV/TXT-File with filter string: 2

Filter string for measuring value: M2_Z

Column in CSV/TXT-File with mea. value: 5

Column separator inside CSV/TXT-File: ;

On mea. value reception : Set: Register R2

Register for locking the Import: ---

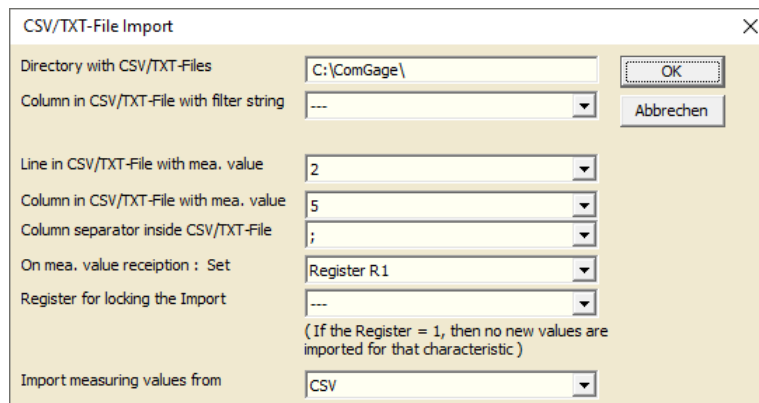
(If the Register = 1, then no new values are imported for that characteristic)

Import measuring values from: CSV

Only values in lines that contain the filter string M2_Z are imported. The register R2 is set to 1 after the import.

Alternatively, the line numbers in the CSV file can be used to import the correct value :

Characteristic 1 :



CSV/TXT-File Import

Directory with CSV/TXT-Files: C:\ComGage\

Column in CSV/TXT-File with filter string: ---

Line in CSV/TXT-File with mea. value: 2

Column in CSV/TXT-File with mea. value: 5

Column separator inside CSV/TXT-File: ;

On mea. value reception : Set: Register R1

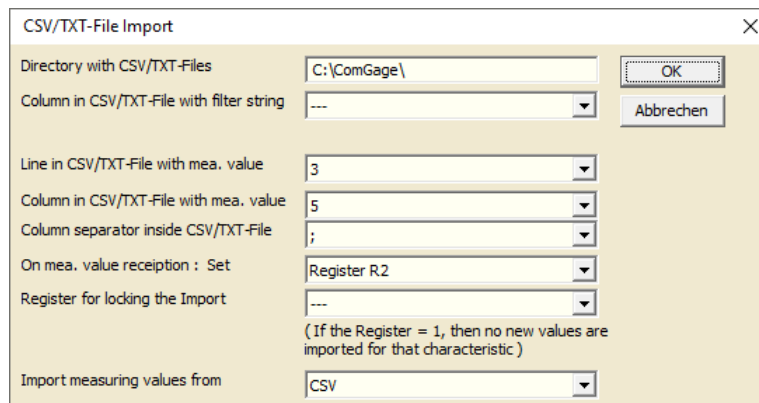
Register for locking the Import: ---

(If the Register = 1, then no new values are imported for that characteristic)

Import measuring values from: CSV

Only the value in line number 2 is imported. The register R1 is set to 1 after the import.

Characteristic 2 :



CSV/TXT-File Import

Directory with CSV/TXT-Files: C:\ComGage\

Column in CSV/TXT-File with filter string: ---

Line in CSV/TXT-File with mea. value: 3

Column in CSV/TXT-File with mea. value: 5

Column separator inside CSV/TXT-File: ;

On mea. value reception : Set: Register R2

Register for locking the Import: ---

(If the Register = 1, then no new values are imported for that characteristic)

Import measuring values from: CSV

Only the value in line number 3 is imported. The register R2 is set to 1 after the import.

To save the measuring values automatically after the import, the following test step functions could be used :

No.	Function	Function key	Hand/Foots...	Dig. Input	Event	FP	Comment
X1	Save measured values : C1	---	---	---	Formula : R1=1	6	
X2	Save measured values : C2	---	---	---	Formula : R2=1	6	
X3	Setting register(s) : R1=0	---	---	---	Formula : R1>0.	11	
X4	Setting register(s) : R2=0	---	---	---	Formula : R2>0.	11	

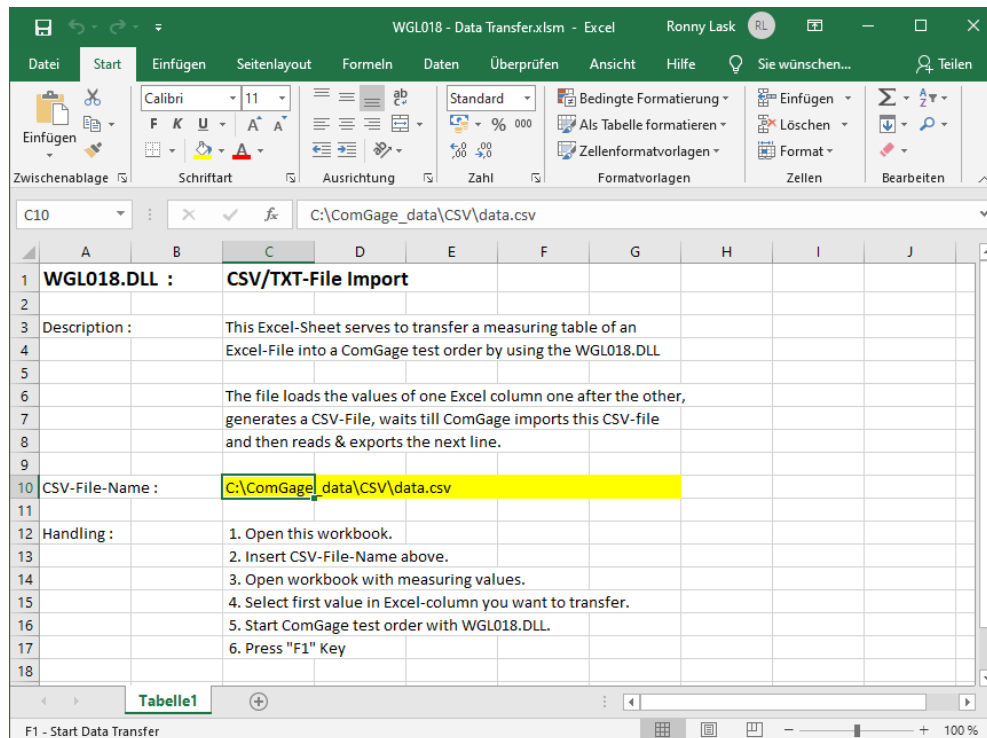
Appendix A

To import a measurement value table that was stored in an Excel file/ CSV file / ... into a test order, we provide as a tool the **WGL018 - Data Transfer.xlsm** (can be found in the ComGage installation directory).

The contained macro allows to write measuring values from one column automated one after the other into CSV files that can be imported by the WGL018.dll.

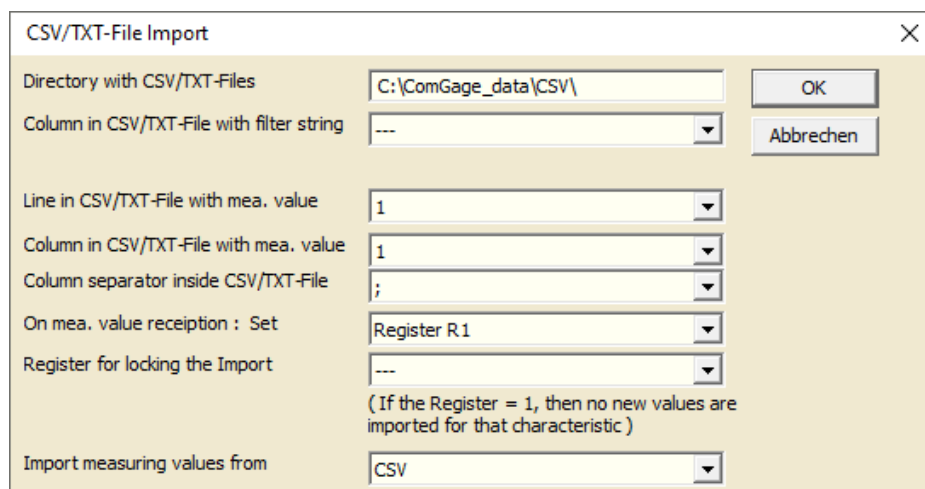
The CSV file containing the next measuring value is only created after the last one has been imported and deleted by the WGL018.dll

Detailed instructions on creating the CSV files are included in the **WGL018 - Data Transfer.xlsm** :



For the import, the WGL018.dll has to be configured in such a way that the directory matches the one that was entered in the **WGL018 - Data Transfer.xlsm**.

For line and row, a 1 has to be selected.



The import should be automatted, as described under 3. *Example*.