

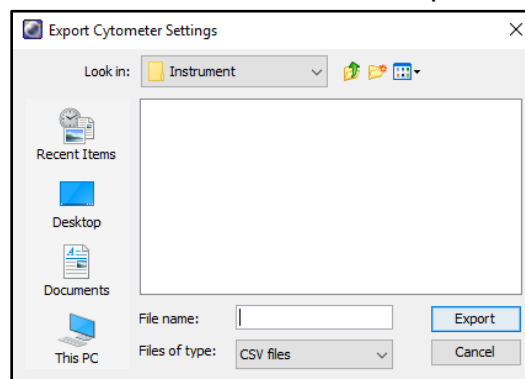
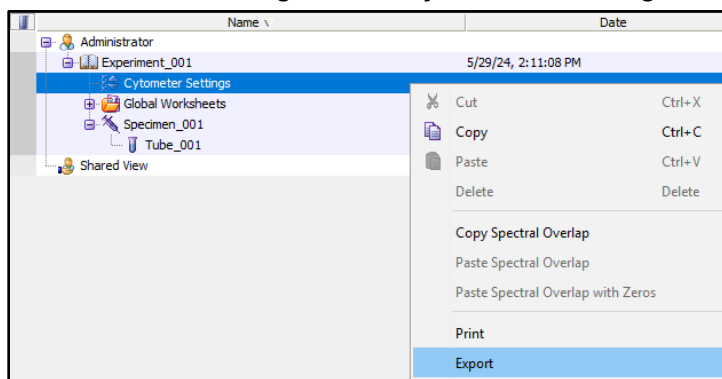
FACSDiva SE Voltage Adjustment

1. Preface

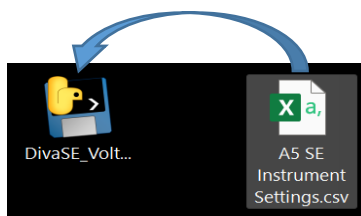
Adjusting voltage values for a given detector array to maintain the spectral signature of samples can be a tedious task in FACSDiva. Indeed, when using the FACSsymphony A5 SE or S6 SE, one can either modify voltages individually then apply the same percentage change to the other parameters, or save validated assay-specific instrument settings to reimport as needed. The 5 steps below provide an alternative to this process by automatically modifying all voltage values for a given array (i.e., UV) by a specific percentage (-100 to 100).

2. The Process

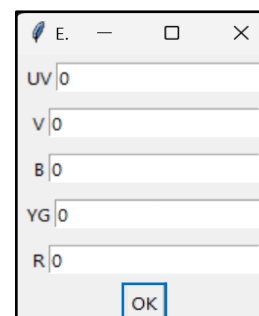
- Place the DivaSE_VoltAdjust.exe file in a preferred location (i.e., Desktop).
- In FACSDiva, right-click Cytometer Settings > Export, name the csv file and click Export.



- Drag the Instrument Settings csv file onto the DivaSE_VoltAdjust.exe file.

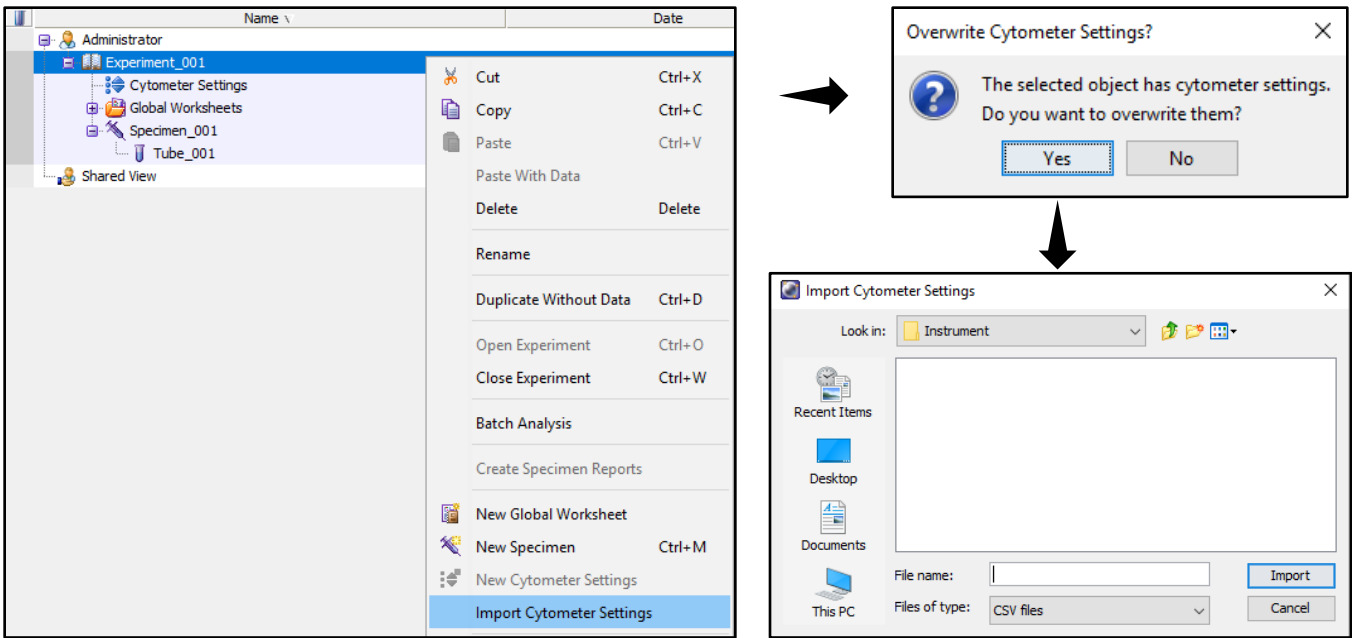


- A dialog box pops up, inviting you to input a percentage by which to decrease or increase an array. Once your value or values have been entered, click OK.



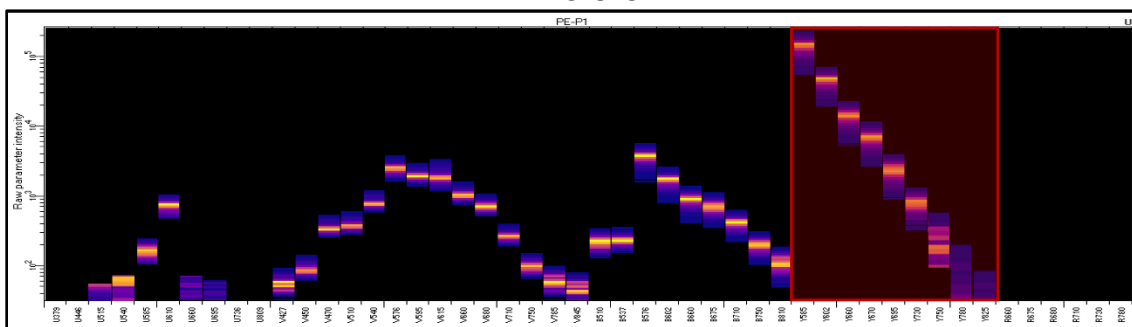
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- In FACSDiva, right-click Experiment > Import Cytometer Settings, click 'Yes' to overwrite Cytometer Settings then select the modified csv file and click Import. Alternatively, the settings can be applied at the Specimen level by right-clicking Specimen > Import Cytometer Settings, selecting the modified csv file and clicking Import.



In the example below, voltages for the YG detector arrays have been decreased.

Before



After

