The Ion Mobility Simulation Software (IMSS): User's manual

Version 1.0

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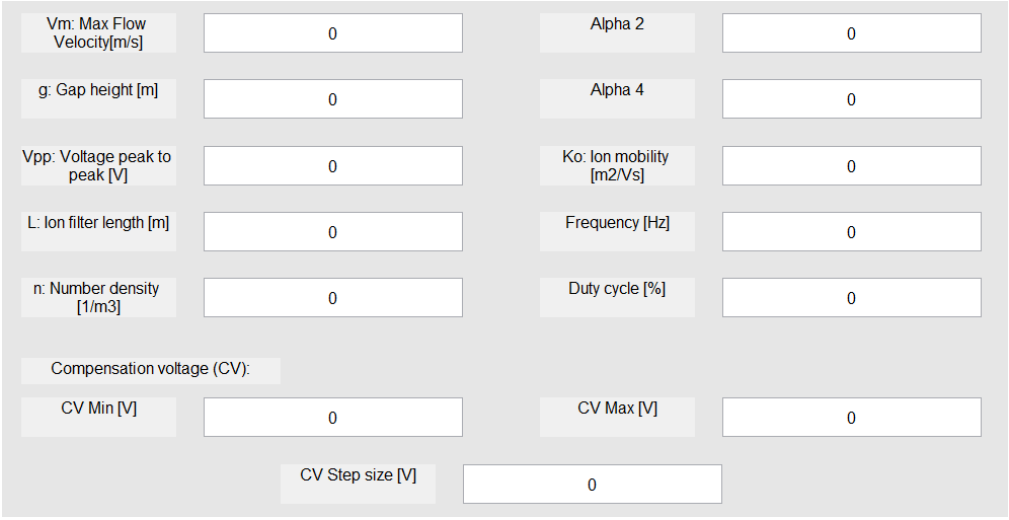
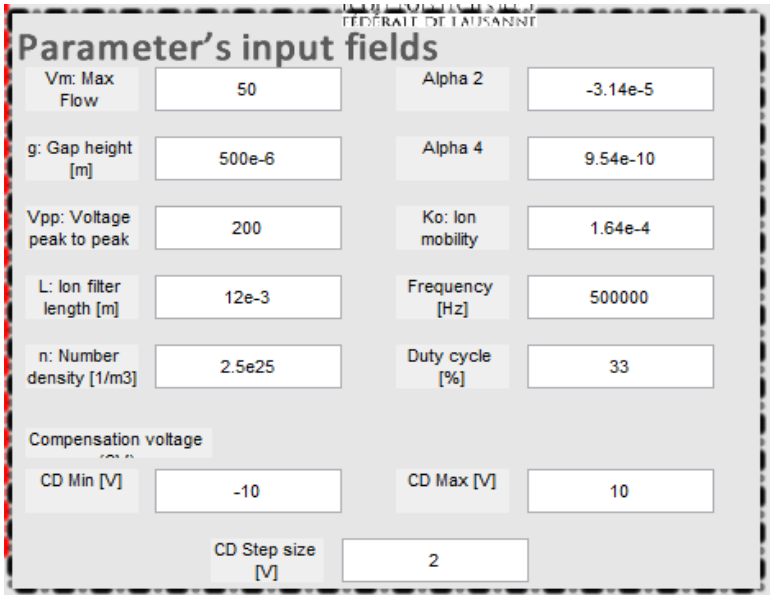
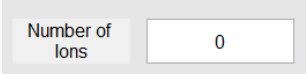
1. Open MatLab and run FAIMS.m file.
2. Input the measurement parameters.



Example:



3. Select the voltage waveform: 
4. Input the number of ions to be simulated: 

5. Press the Graph button: 

Other options:

-  Hold the ion path plots for all the Compensation Voltages.
-  Hold previous ion spectra.
-  Save the data of the simulated ion paths in an Excel file (SimData.xls) inside the software folder, (The X and Y values of each ion are saved in different data sheets).
-  Save the data of the simulated ion spectra in an Excel file (SimData.xls / Data sheet “Spectrum”) inside the software folder.
-  Takes a screen shot (PrtScn.png) of the software main window and save it inside the software folder.