

Discharge Time => Charge Plate

With KL_ReadOut and EFM 023 CPS execute and evaluate

Preparation: Place EFM 023 in Socket/mount and put the charge plates on top.

Connect HV-Charger to socket/mount → Ground socket/mount only if PC is not grounded !

To execute the Charge Plate-Test Online with KL_ReadOut you must select the manual E-Field meter Modus, only there is the analog interface working.
The distance between the plates is 1cm (0.01m). The ranges in E-Field meter mode are displayed in kV/m.
To change to Volt, the ranges have been multiplied by 0.01m

Range 1	±20kV/m complies to ±200V
Range 2	±200kV/m complies to ± 2kV
Range 3	±1.000kV/m complies to t ±10kV

IMPORTANT!! max. Measuring Voltage on charge plate = ±4kV

Select for discharge time measurement range 2 (±200kV/m)

Start KL_ReadOut Software

- Select Device – EFM 023 – CPS Mode
- Select View – Chart
- Click Start and follow the instructions in the Software

The measurement will be added to the selected xxx.csv File.
This file can be opened and evaluated by Excel !

To save the chart after measuring is finished:

- Click on Exit (angle symbol) at the selection menu on top.
- In the first row click on „Export“
- In the second row click on „Data“
- Select format „Excel“
- Click on „Save“
- Select path and enter file name.
- Save data

Open File with Excel to evaluate it