

Walking Test

with KL_ReadOut and EFM 023 (EFM120) BGT execute and evaluate

Preparation EFM 023 with attached voltage measuring head MK 023

By the EFM 023, the analog output is only switched on by manual range selection.

The "Max Value" Mode is only designed by walking test without online connection.

In this mode the range is changed automatically, and **the analog output is switched off**.

To execute the walking test with our KL_ReadOut software,
the manual E-Field meter mode must be selected.

The distance in the MK 023 is 1cm (0.01m). The ranges in E-Field meter mode are displayed in V/m.

To change to Volt, the ranges have been multiplied by 0.01m

Range 1	$\pm 20\text{kV/m}$ complies to $\pm 200\text{V}$
Range 2	$\pm 200\text{kV/m}$ complies to $\pm 2\text{kV}$
Range 3	$\pm 1.000\text{kV/m}$ complies to $\pm 10\text{kV}$

IMPORTANT!! max. Measuring Voltage by MK 023 = $\pm 4\text{kV}$

Select for walking test range 1 ($\pm 200\text{V}$) or range 2 ($\pm 2\text{kV}$)

Select the same range also in the Software!

Start KL_ReadOut Software

- Select => Device – EFM 023 – Voltmeter – Range (200V o. 2kV)
- Select => View – Chart
- Click on „Start“ Bottom to start walking test
- Click on „Stop“ if walking test ready
- Click in Top Menu „Edit“ (Set square symbol)
- Click in Top Line „Export“
- Click in 2. Line „Data“
- Select Format „Excel“
- Click on „Save“
- Select File path and write a filename
- Click on „Save“

Open File with Excel to continue
