**Static Friction Measurement Protocol**

How it works: linearly increase current until a smallest position change occurs. Write down that current. Do this at a range of positions -85:5:85.

To do:

1. Run MAIN\_static\_friction with current increase (positive)
2. Data exported in TDMS to target (USB)
3. Access the data by googling <ftp://172.22.11.2>
4. Run MAIN\_static\_friction with current decrease (negative) and repeat data download
5. When finishing running the program, unlick “Save data?” and click “stop saving data” to exit.
6. Repeat the measurement 3 times (at least) for error bars