☞ **The KTR MONITEX® BT software is provided free of charge on our website www.ktr.com.**
The software must be installed once after downloading.

☞ **Please consider our operating/assembly instructions acc. to KTR-N 49110 additionally when**
using the MONITEX® BT measuring hub.

MONITEX® BT software
for Microsoft Windows

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1 System requirements

You can use the software on computers with Microsoft Windows version 10 or higher. A Bluetooth receiver version 4.0 or higher is required to receive the MONITEX® BT measurement data. Laptops usually have a built-in Bluetooth module, otherwise you can connect an external Bluetooth adapter to your computer's USB port.

2 Starting the software

- Please check in the Windows settings under the item "devices" whether Bluetooth is enabled (see illustration 1).
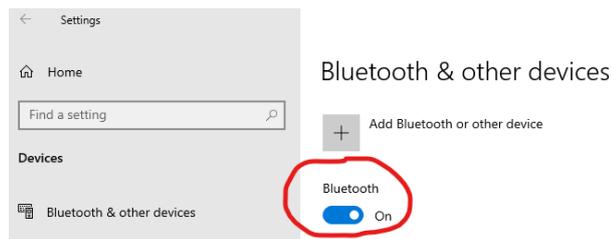
Illustration 1: Enable Bluetooth

- To start the program, open the program list clicking the Windows symbol and afterwards click „KTR Monitex BT" (see illustration 2). You can also copy the MONITEX® BT icon to the task bar or on the desktop to start the program.

Illustration 2: Program icon of MONITEX® BT

3 Connecting MONITEX® BT and starting the measurement

- Make sure the MONITEX® BT and the inductive head are properly mounted and switched on, observe mounting instructions of MONITEX® BT (see KTR-N 49110, chapter 4.8).

- The control panels can be found on the left side. Click the Bluetooth icon for connecting. You can select the MONITEX® BT in the new window (see illustration 3).
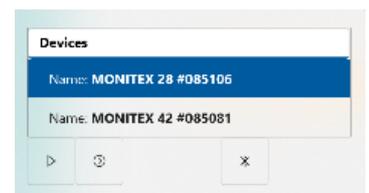
Illustration 3: Selection of MONITEX® BT

- When the MONITEX® BT is highlighted in blue, there are two options to start the measurement.

  1. ▷ Having clicked the "triangle icon", the measurement data are displayed without data saving.

  2. ◎ Having clicked the "circle with arrow" icon the measurement with data saving is started.

- The name and serial number of the connected MONITEX® BT are displayed at the bottom right.

4 Scaling the measuring range

- Having started the measurement, scaling is adapted to the measurement range of the connected MONITEX® BT.

- You can have the scaling automatically adapted by pressing the autoscaling button or enter numerical values.
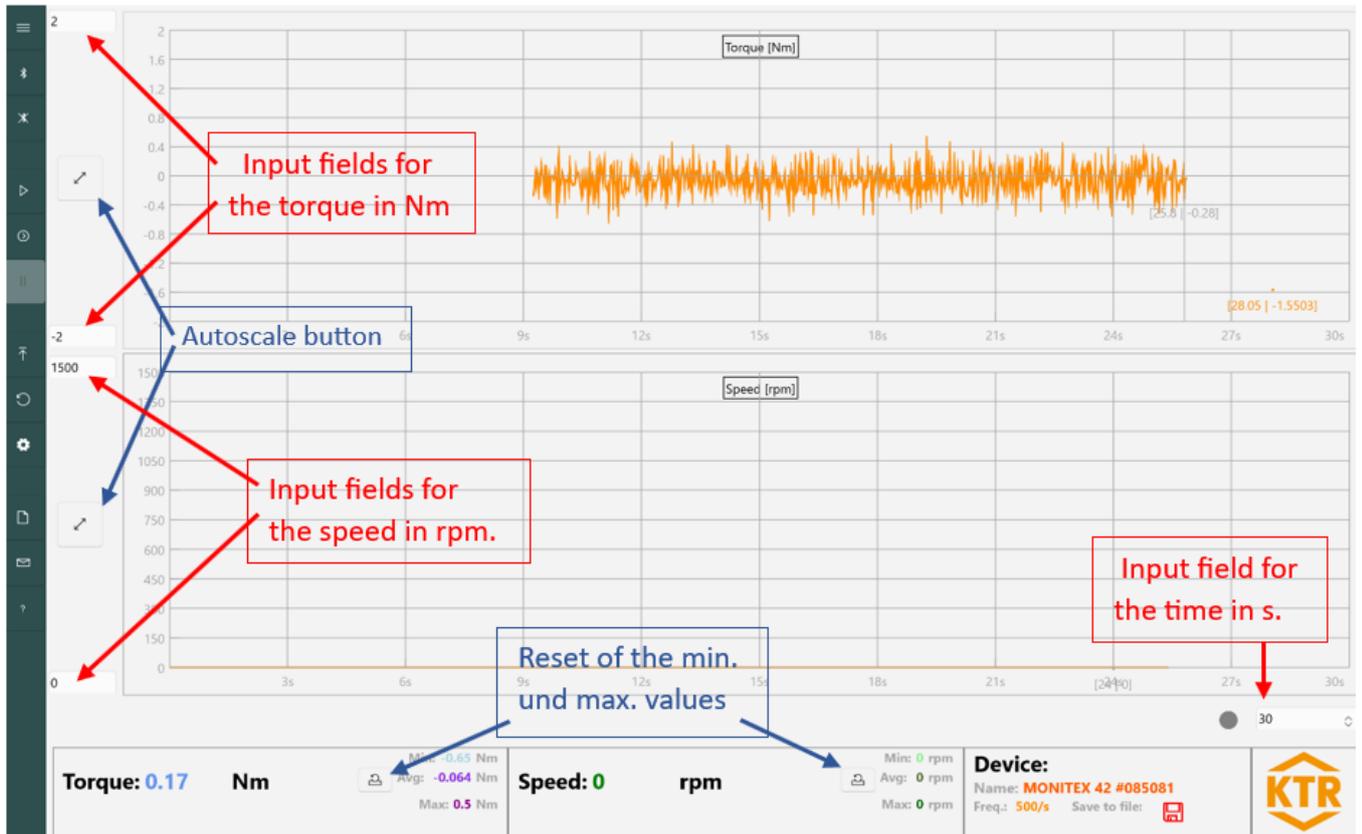
Illustration 4: Scaling the measurement range

5 Saving measurement data

- If you have measured using data saving, the memory window will open upon stopping the measurement and you will have to select the file for saving.

- The file name is automatically created and is composed of the MONITEX® BT name and the time stamp.

- If you have accidentally clicked terminate or want to save for a second time, simply click the green disk icon at the bottom right. If the disk icon is red, the measurement was started without saving and data saving is not possible.

    🖫   Green disk icon

    🖫   Red disk icon

- The data is saved in a CSV format in a table. It comprises the measuring time in s, the torque in Nm and the speed in rpm. The semicolon is used as a separator.

- The sampling frequency of torque is 500 Hz. The speed signal is sampled with 5 Hz.

6   Control elements

The control elements are located on the left edge of the program.

≡   Display menu explanations

✱   Connect MONITEX® BT

✶   Disconnect MONITEX® BT

▷   Start displaying

◉   Start displaying with saving

❙❙   Stop displaying

↥   Auto offset, automatic zeroing of the MONITEX® BT torque

↺   Reset scaling to the full measuring range

✿   Set the line width for diagrammes

▯   Imprint

✉   Contact

?   Help