VECTO

VECTO is a tool that allows you to open multiple VETAS at the same time to configure and read it. It makes it easier to handle the device and provides greater clarity than the usual terminal.

ATESTEO

Excellence in drivetrain testing
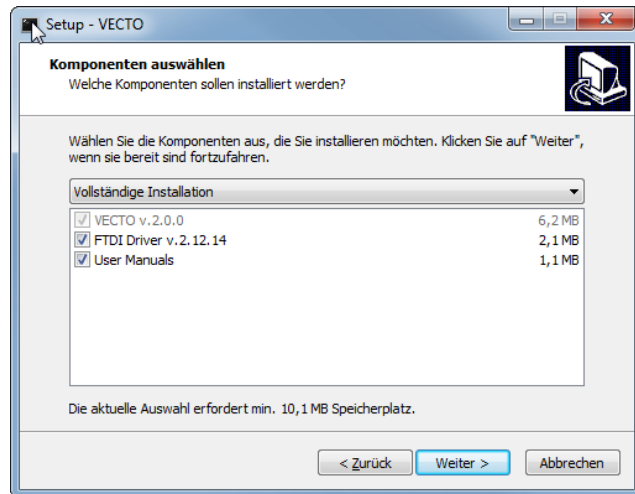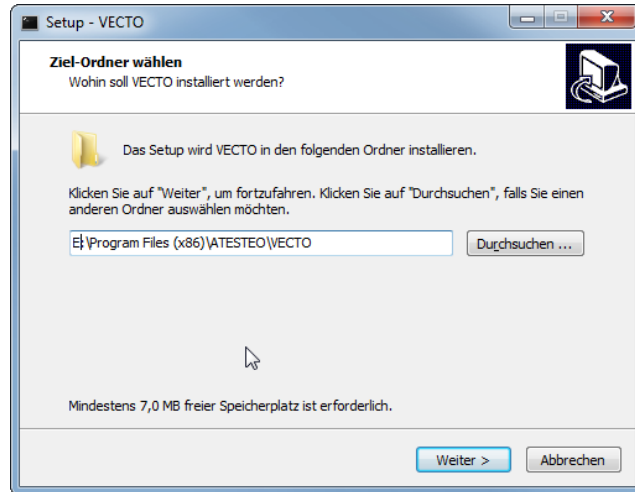
Content

Content

- Installation
- Device selection
- Control screen
- Values screen
- VETAS settings
- Power settings
- Terminal

VECTO installation

VECTO installation

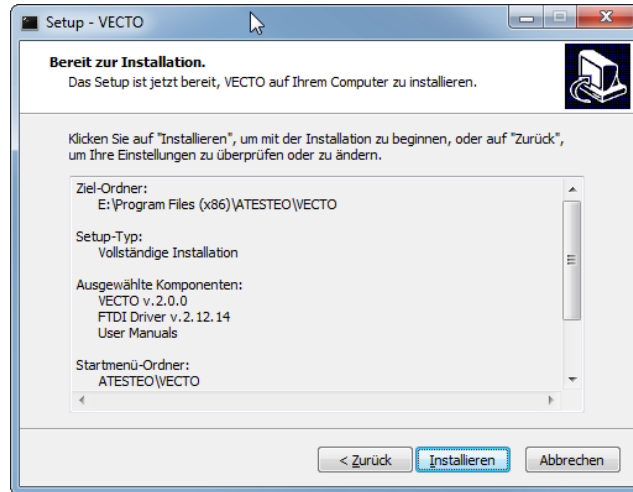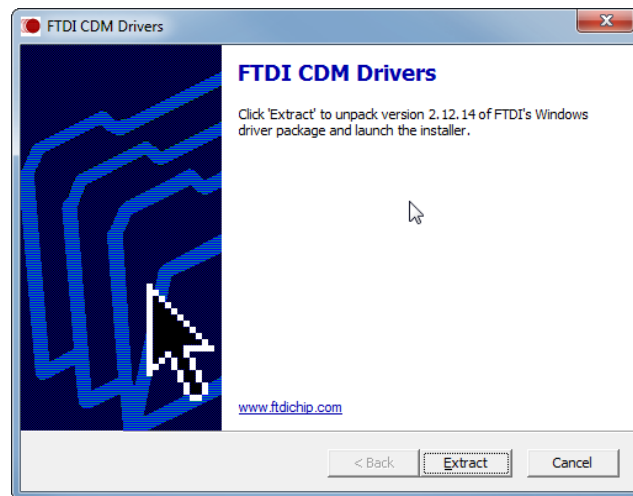- To start the installation execute the „VECTO_SETUP_XXXX.exe"

VECTO installation

- Select your target installation path
- Select an installation type

Type	Includes
Full (Recommended)	VECTO, Drivers and Manuals
Compact	VECTO only
Custom	Custom

VECTO installation

- Follow the next steps of the setup

- Finally check your settings

- Now start the installation

- If drivers have been selected for installation, a second installation screen appears

- Follow the installation instructions

VECTO installation

- Once the setup is complete VECTO can be started

- To start VECTO execute the "VECTO.exe"

  - If an error occurs, start VECTO with administrative rights again

If you have installed the FTDI drivers it is highly recommend that you connect a VETAS device first in order to check the correct installation of the drivers.
If something went wrong reboot the PC or install the software again with administrative rights.

ATESTEO

Device selection

Device selection
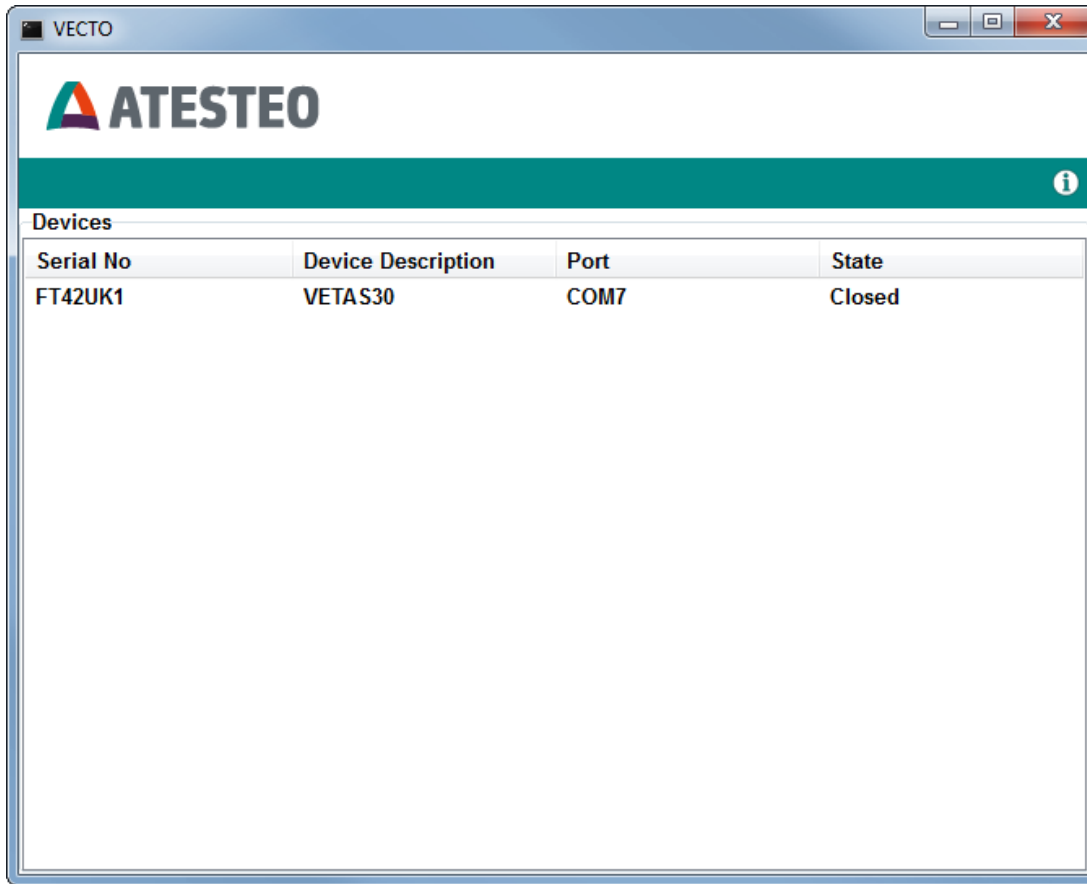
- In this window, the connected devices can be viewed and opened
- You just need to double click on the appropriate list entry to open the device

Device selection

| Entry	Description
Serial No.	Serial number of the connected device
Device Description	Detailed VETAS type description. To use all functions of VECTO be sure that the VETAS has one of the following VETAS type descriptions: ▪ VETAS20 ▪ VETAS30 ▪ VETAS31 ▪ VETAS32 ▪ VETAS40 ▪ VETAS41
Port	Serial port where the device is connected
State	Serial port state: ▪ **Closed**: Serial port is closed ▪ **Open**: Serial port is open ▪ **Error**: Serial port is used by another program

Control screen

Control screen
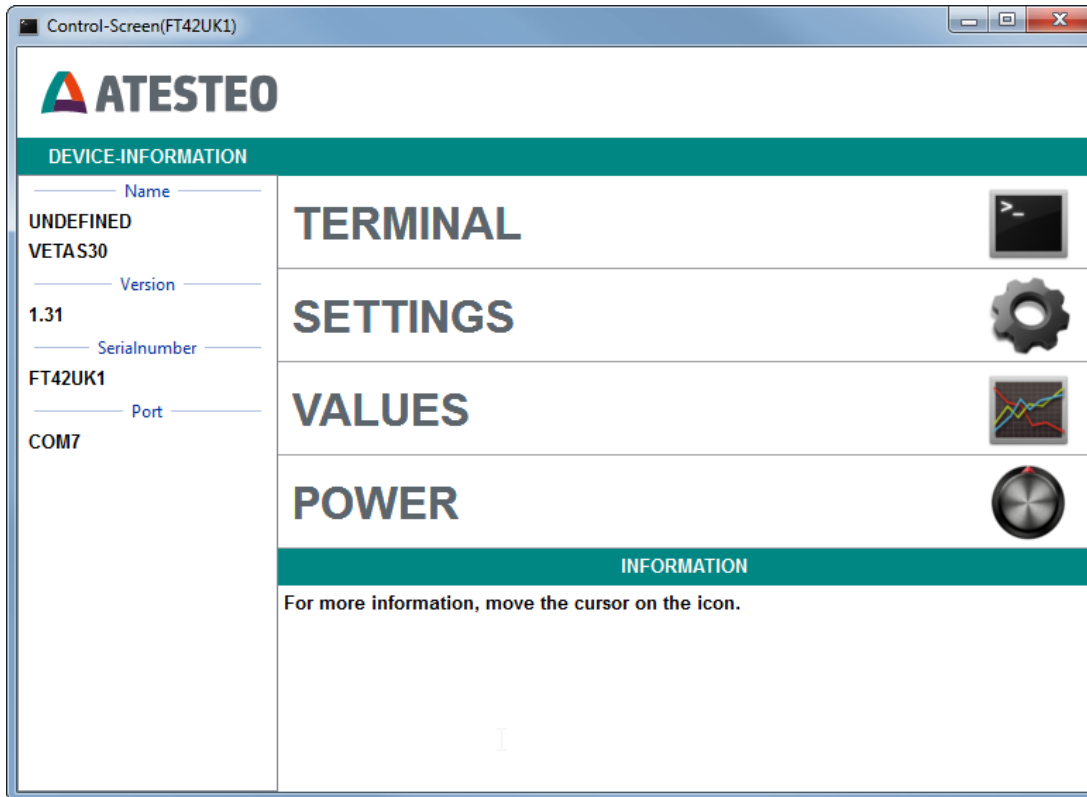
- On the left there are general information about the connected VETAS

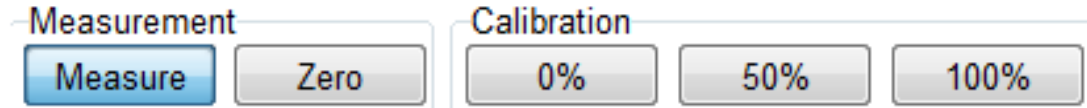- On the right side one of the various functions can be selected

Values screen

Values screen
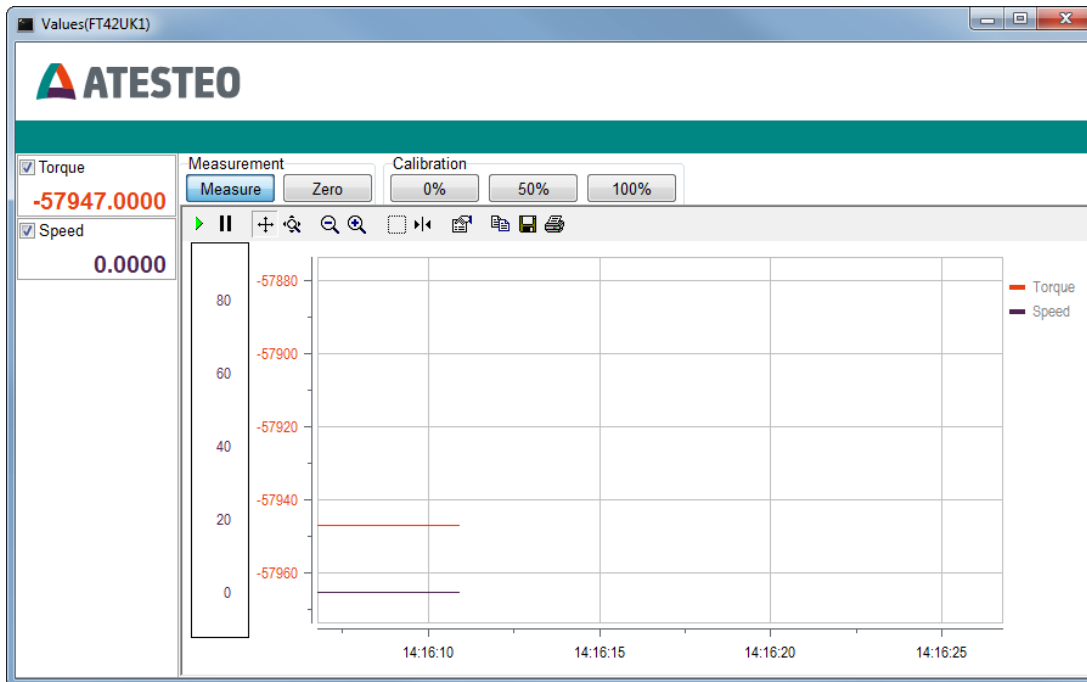
- Left side shows different measurement variables. The types of available measurement values depend on the connected VETAS

- The chart plotter records the selected measured values

Control screen

The following functions can be activated in the measurement tab:

- Measure – Resets the analogue test signal

- Zero – Performs a zero adjustment

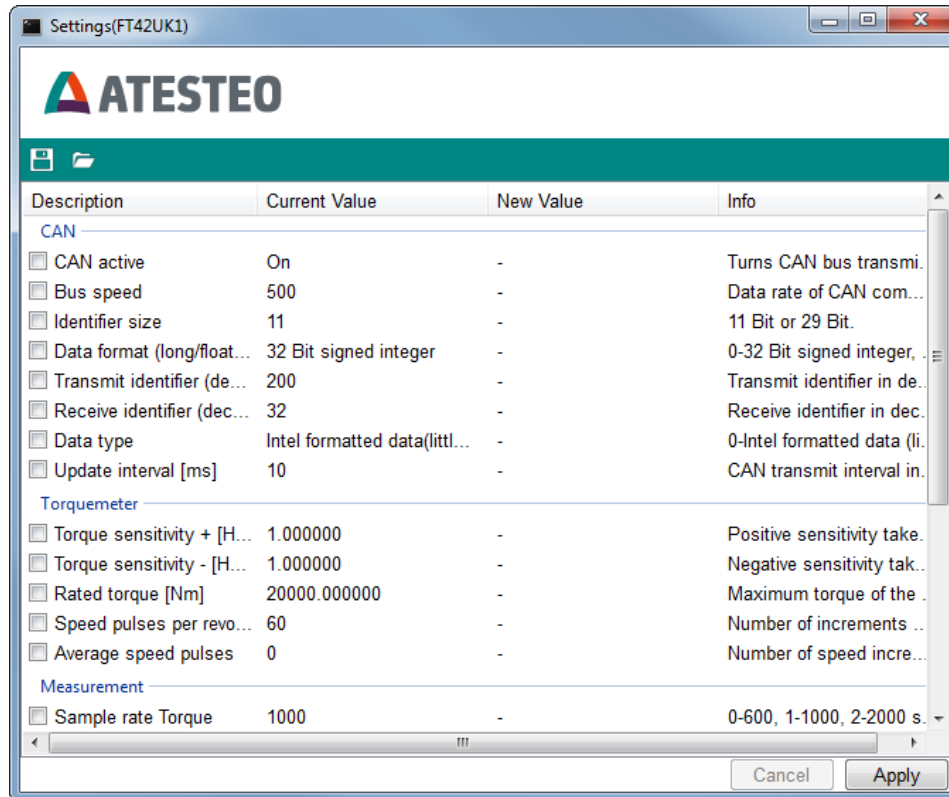| Measurement		Calibration		
Measure	Zero	0%	50%	100%

Within the calibration tab, the analogue test signal can be adjusted:

- 0% - Voltage level of the calibrated output (usually 0V)

- 50% - Voltage level of the calibrated output (usually 5V)

- 100% - Voltage level of the calibrated output (usually 10V)
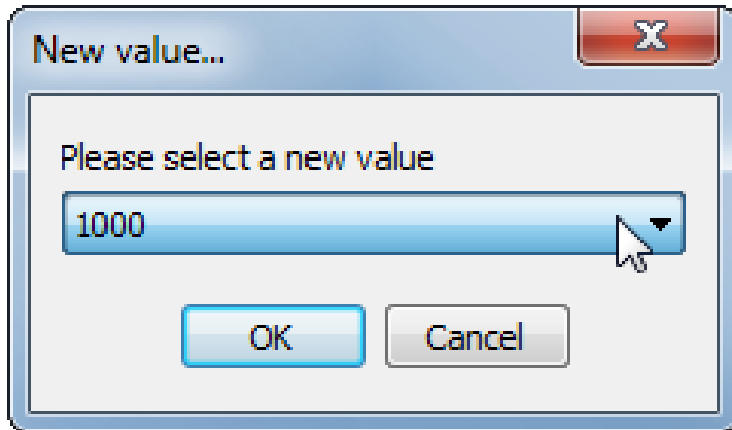
ATESTEO

VETAS settings

VETAS settings

- On the left you see the description of the setting. Next to the description, the current value is displayed

- On the right side you can see a short information about the setting

- If you like to change settings, just double click on an entry. A new window will appear
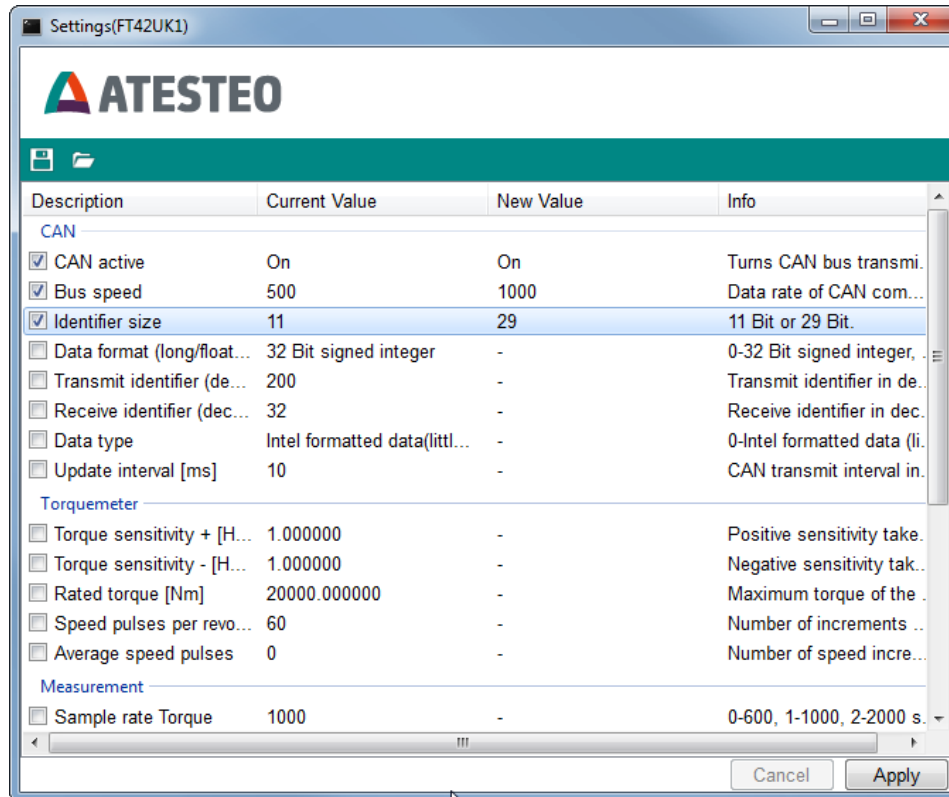
VETAS settings

You can set a new value by

- Selecting from the combo box
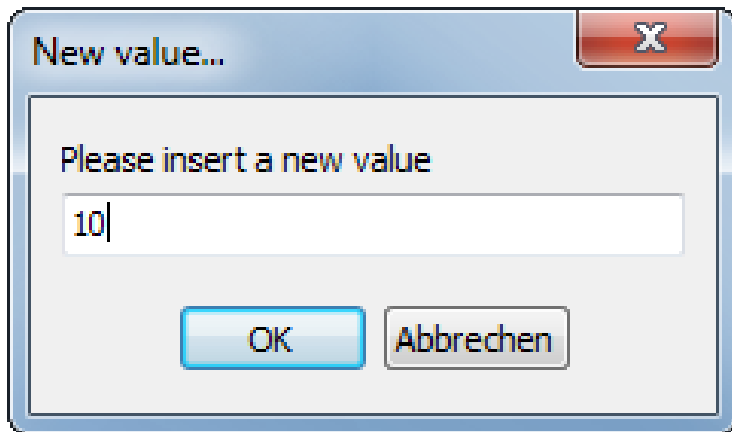
- Or by typing a valid value in the text field

VETAS settings

- After the new value has been set, the check box in the left side of the window will be checked. That means that this value is changed when you click on "Apply"

- If you do not want set the new value, just uncheck the check box

VETAS settings

With this function you have the possibility to save the current VETAS configuration

- Every value that is selectable in the settings menu will be saved
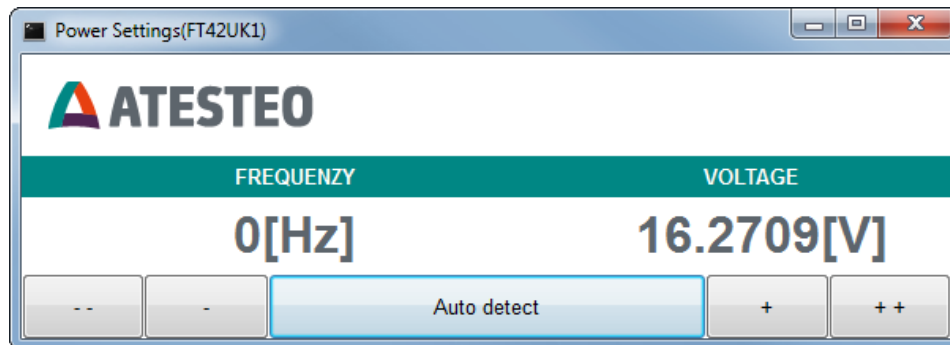- Power supply settings are also included (Not visible in the settings list)

This option gives you the possibility to load a saved configuration file

- After the values have been loaded, you can send them to the device by clicking the button "Apply"
- The supply voltage is also set

ATESTEO

Power settings

Power settings

In this screen you can adjust the supply voltage

- You can adjust the voltage
    - in rough ("- -", "+ +")
    - or in fine ("-", "+") steps
- The optimal frequency is about:
    - VETASIII: 60 kHz
    - VETASIV: 4 kHz
- "Auto detect" will determine the optimal voltage

Terminal

Terminal

Please do not change any values if you do not know what effect it has. With wrong values the device might not work properly!

Here you see the "Terminal-Screen"

- The device can also be configured through the terminal and is operated via the keyboard

- For example:
  - Press "1" → the cursor will jump to "Sensitivity1+ [Hz/Nm]"
  - Enter the new valid value und confirm it with "Carriage return"

Please contact our service for further support

Mail: service-pm@atesteo.com

Phone: +49 2404 9870 580

ATESTEO