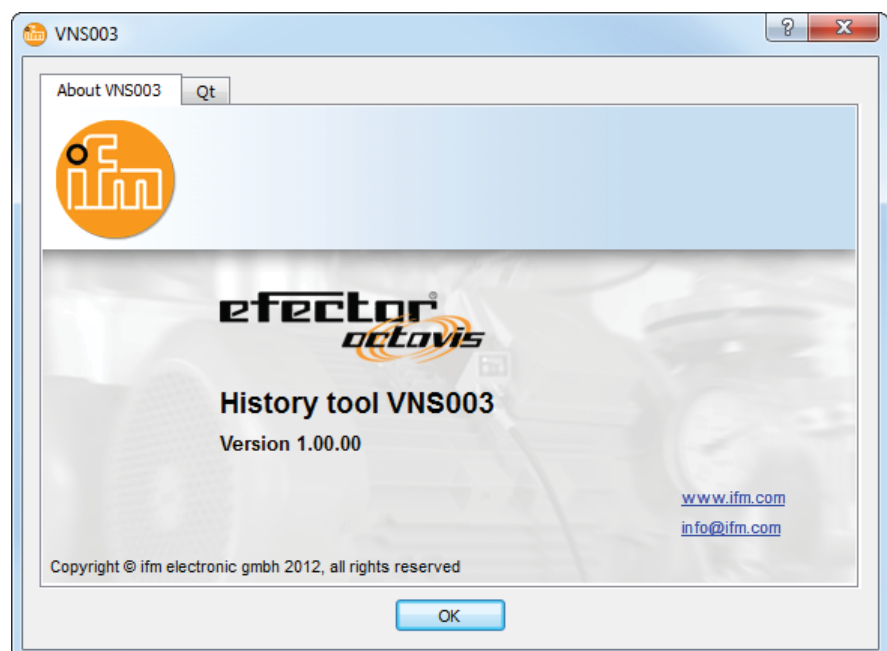




1 Preliminary note

1.1 Symbols used

- ▶ Instruction
- > Reaction, result
- [...] Designation of keys, buttons or indications
- ! Important note
- Non-compliance can result in malfunction or interference.

2 System requirements

- PC with min. 256 MB working memory; resolution min. 1024x768
- Microsoft Windows XP, Windows Vista or Windows 7

3 Software installation

- ▶ Insert the CD.
- > The program starts automatically.

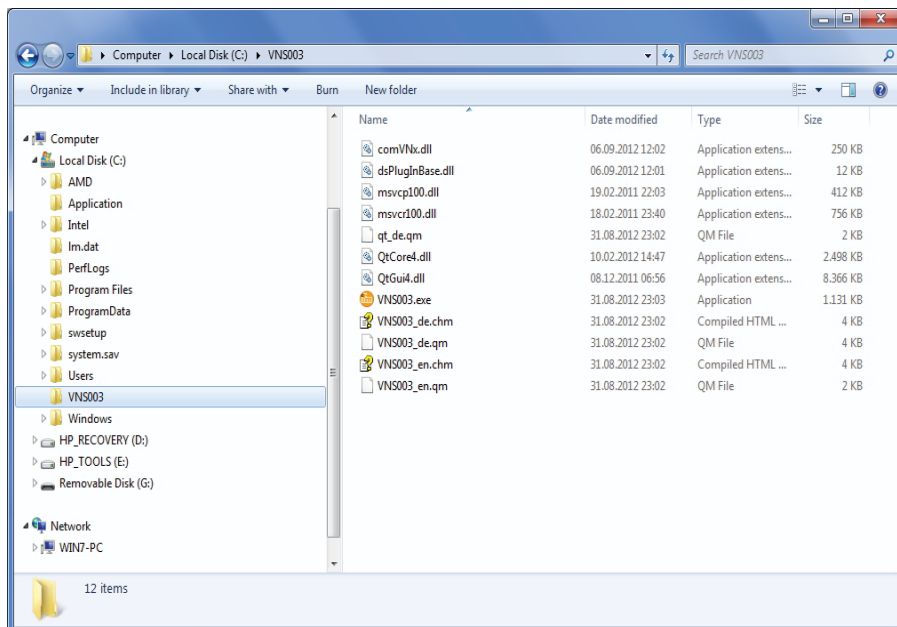
If autostart has been disabled on your PC:

- ▶ Run the VNS003.exe file on the CD manually.

Install software and USB driver:

- ▶ Run the setup.exe file on the CD manually.

The following files must be in one directory:

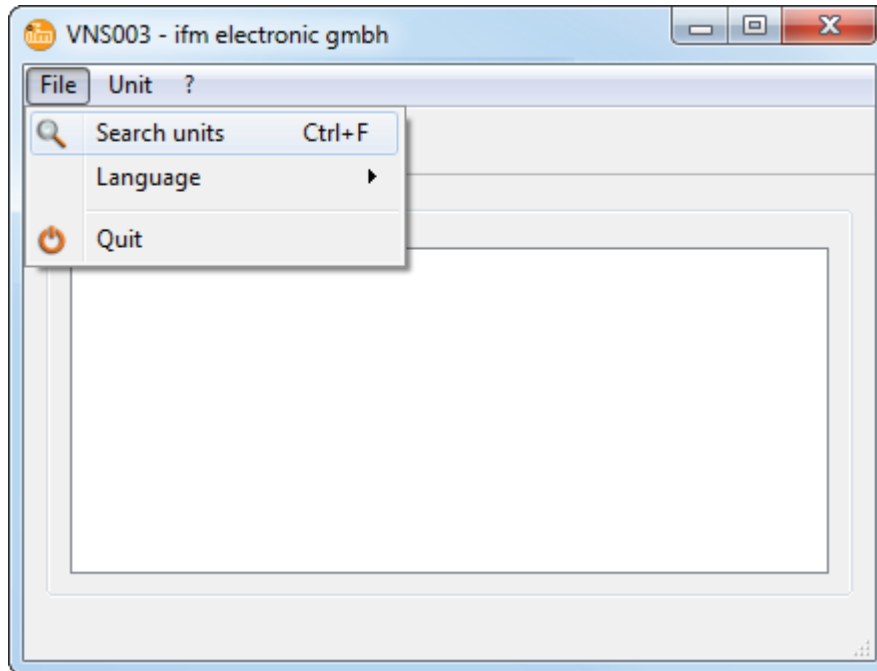


4 Connect the sensor with the PC

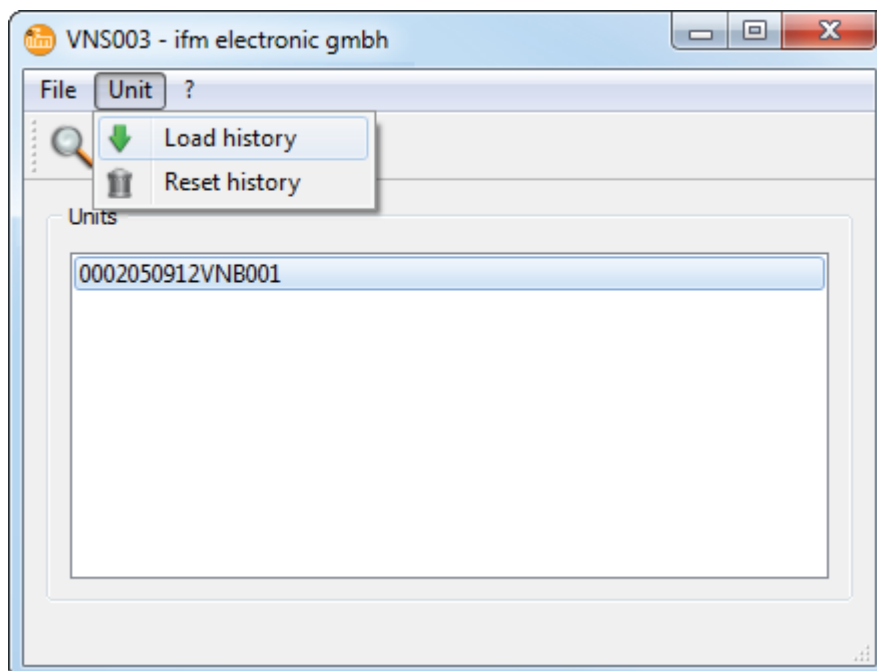
- ▶ Connect the VNB001 sensor with the PC via the E30136 USB cable.

5 Start the software and use it

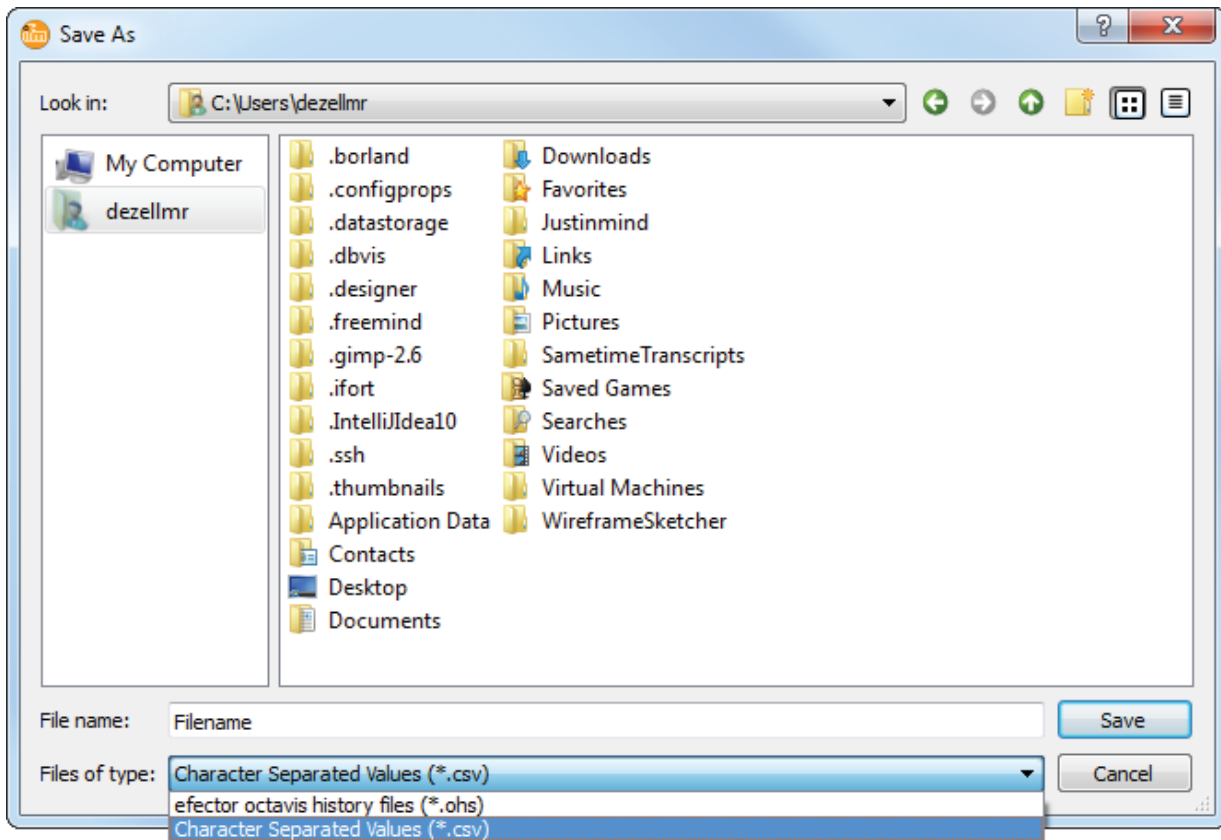
- ▶ Start the VNS003.exe software.
- ▶ Select German or English in [Language]. Default value: German.
- ▶ Click on [Search units] under [File] in the VNS003 program.



- > The series number of the connected unit is displayed.
- ▶ Mark it by a single click and then click on [Unit] - [Load history].



- ▶ Enter the memory location and a name for the file in the file storage dialogue.
- ▶ Either select the file type .ohs (octavis history files) or .csv (character separated values).



- ▶ Save file.



Do not disconnect the VNB001 from the PC during the data transfer!

6 Data evaluation

After successful data transmission the following message is displayed:

The history data were stored.

The data can now be evaluated.

The .csv file has the following structure (here presented in MS Excel):

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	FILE	0	VERSION	VNB 0.0.5	SN	PG2454AB m0001261010123456777	DEVICE	18.10.2012 13:48	UTC	18.10.2012 13:49	LOCAL	18.10.2012 15:49	DELTA	7239
2	SP1	0,0028	SP2	0,0045	EVAL	RMS								
3	ESP1	10	ESP2	20	EASP		0	EAEP	100					
4	18.10.2012 11:37	0	0,0002997											
5	18.10.2012 11:39	1	-25,3624											
6	18.10.2012 11:41	0	0,0004371											
7	18.10.2012 11:40	1	-25,3626											
8	18.10.2012 11:51	0	0,0003395											
9	18.10.2012 11:55	1	-25,3627											
10	18.10.2012 11:57	0	0,0003786											
11	18.10.2012 12:02	1	-25,3627											
12	18.10.2012 12:05	0	0,0033917											
13	18.10.2012 12:06	1	-25,3626											
14	18.10.2012 12:12	0	0,000202											
15	18.10.2012 12:09	1	-25,3625											

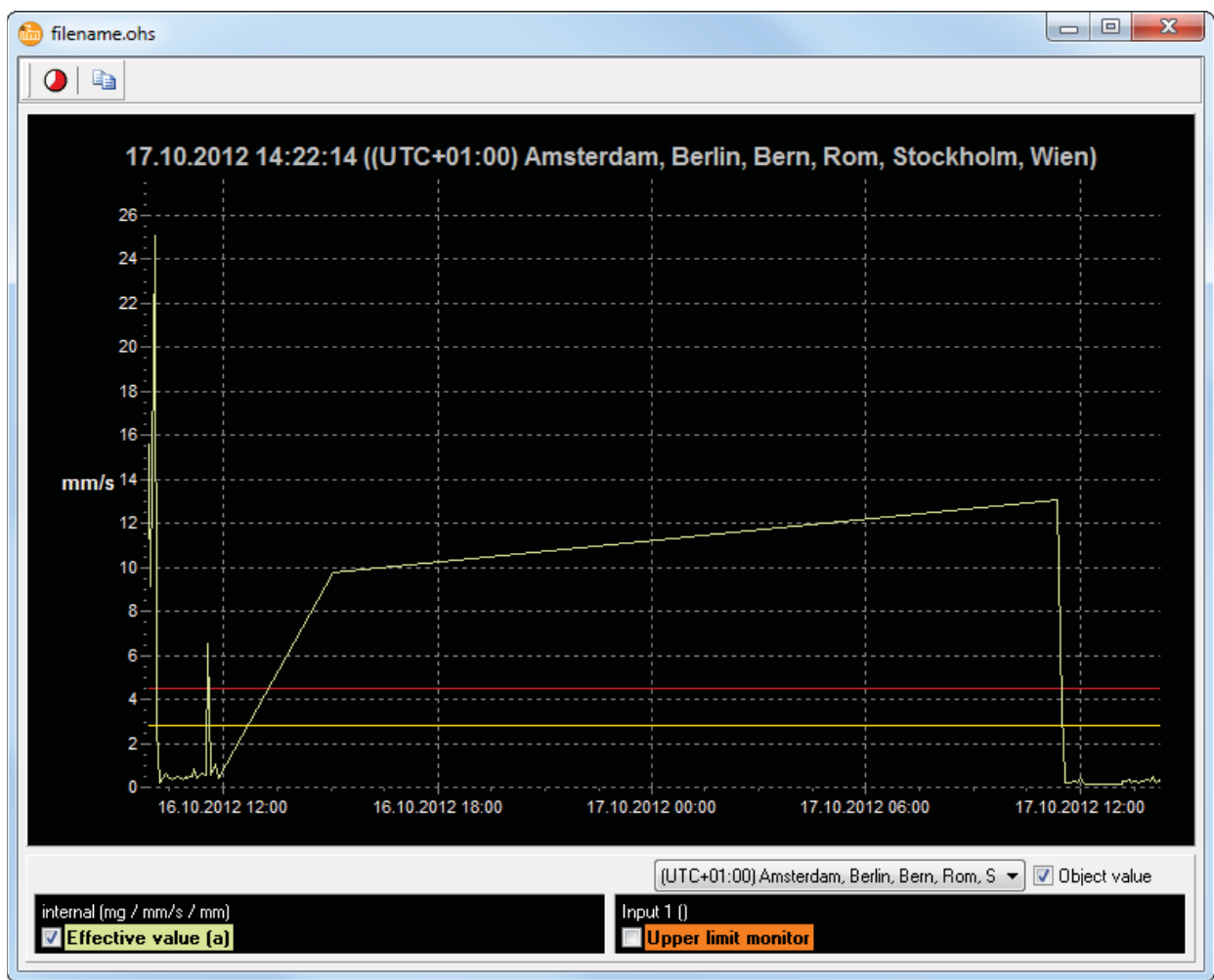
The first three lines have the following meaning:

- FILE: file version
- VERSION: software version
- SN: serial number
- DEVICE: date and time of the device (unit), indicated in GMT (Greenwich Mean Time)
- UTC: date and time of the PC, indicated in GMT (Greenwich Mean Time)
- LOCAL: date and time of the PC
- DELTA: time difference [s] between unit time and local time
- SP1: switch point pre-alarm [m/s]
- SP2: switch point main alarm [m/s]
- EVAL: selected evaluation method (rms or peak)
- ESP1: switch point pre-alarm external sensor
- EASP: scaling external sensor, initial value of the measuring range
- EAEP: scaling external sensor, final value of the measuring range

From line 4:

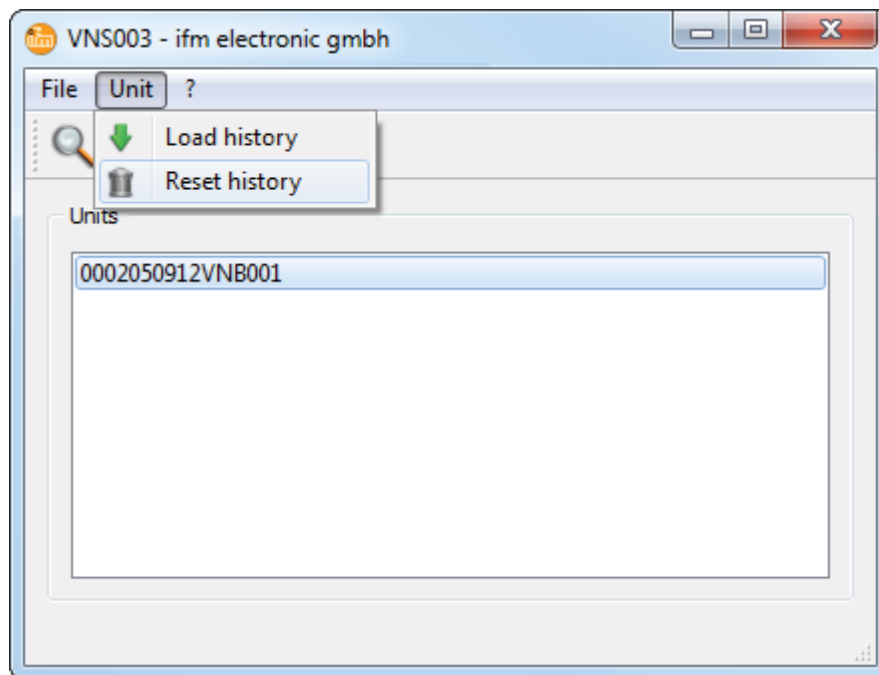
- Column A: time stamp (GMT)
- Column B: sensor (0 = VNB001 vibration sensor, 1 = external input)
- Column C: Measured value [m/s], only applies to the lines of the vibration values of the sensor (column B:"0").

The .ohs file can be opened and evaluated using the efector octavis VES003 software:



7 Delete the history data from the unit:

- Click on [Unit] - [Reset history] in the VNS003.exe software.

**UK**