INSTALLATION GUIDE
USER MANUAL

HOLAC Line Tool TRANSFER

For HOLAC Line Tool with firmware version 10.1 and up

Version 3.02 dated **2019-04**

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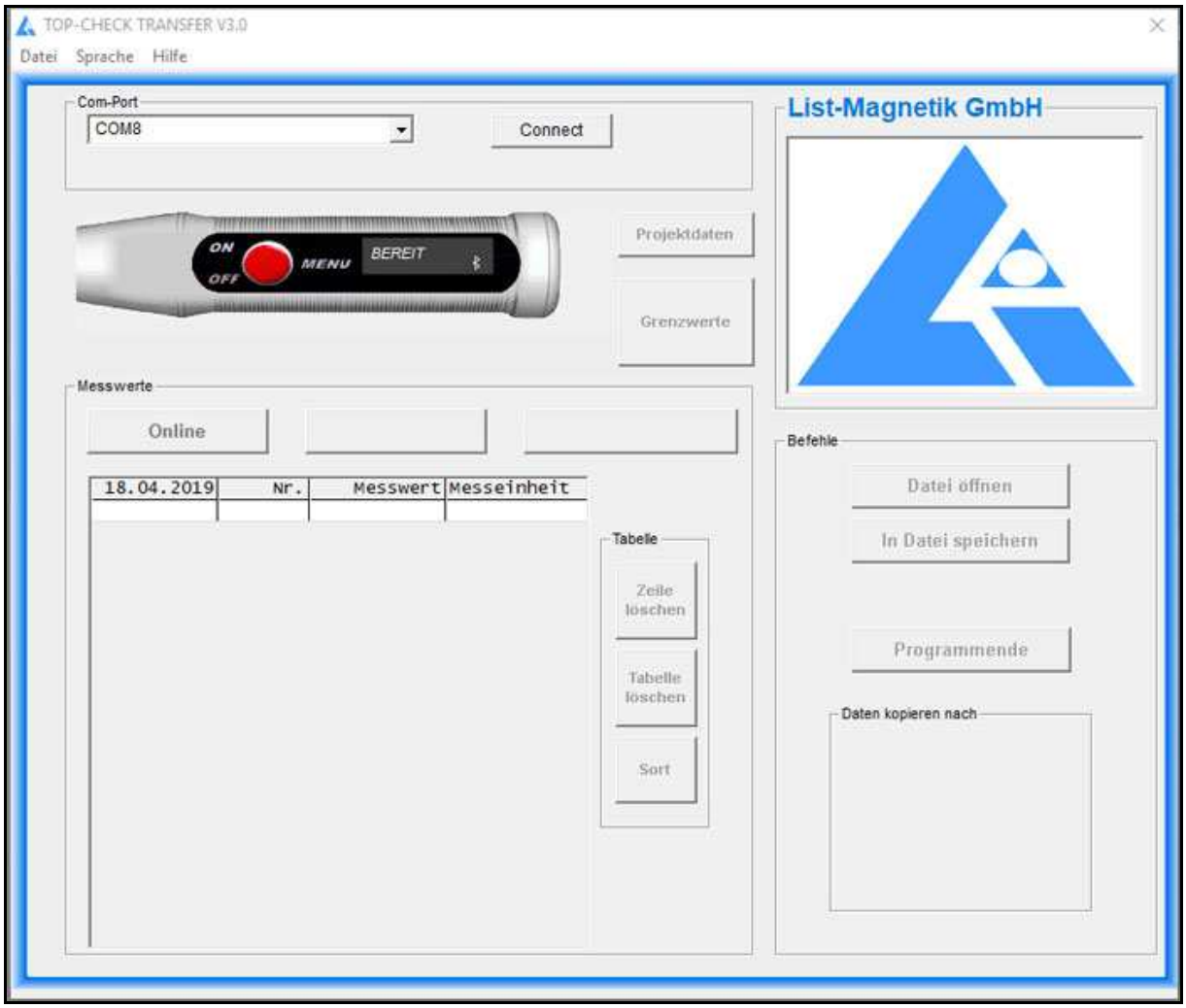
1. HOLAC LINE TOOL TRANSFER APPLICATION

At **https://www.list-magnetik.com/holac-applications** you can obtain the free of charge application **HOLAC Line Tool TRANSFER** to transfer data from your HOLAC Line Tool device to a Windows PC or laptop.

With HOLAC Line Tool TRANSFER you can measure online, or read the device's memory, you can print the results or transfer them to various applications like Microsoft Word or Microsoft Excel.



The stability of the Bluetooth connection is better the closer you hold the device to the PC or Bluetooth dongle.

If you have connection problems, please shorten the distance to 30 cm.

2. PREPARING BLUETOOTH CONNECTION

Does your PC / laptop have a built-in Bluetooth interface?
If yes, skip point 2a and continue at 2b.

A) INSTALLATION OF THE BLUETOOTH USB DONGLE

For HOLAC Line Tool a Bluetooth dongle is included as shown.

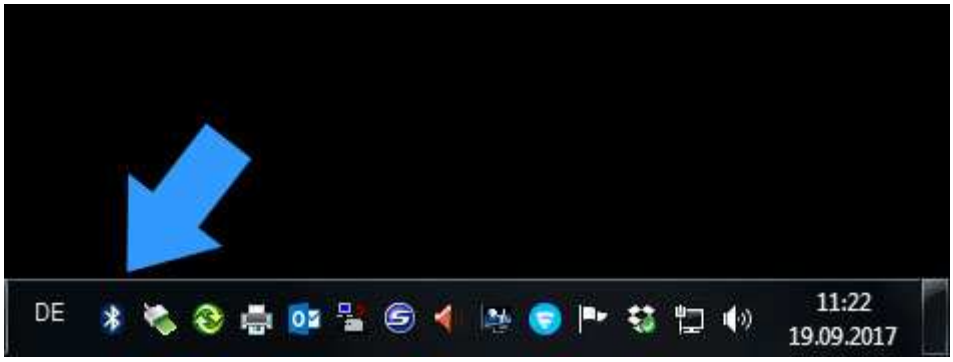
The additional installation of a driver software can be used for communication setup between HOLAC Line Tool and a Windows PC. Please check first, if the connection between HOLAC Line Tool and your PC via Bluetooth works without software installation, only by inserting the Bluetooth dongle.
With Windows 10, it is easily possible without further installation.

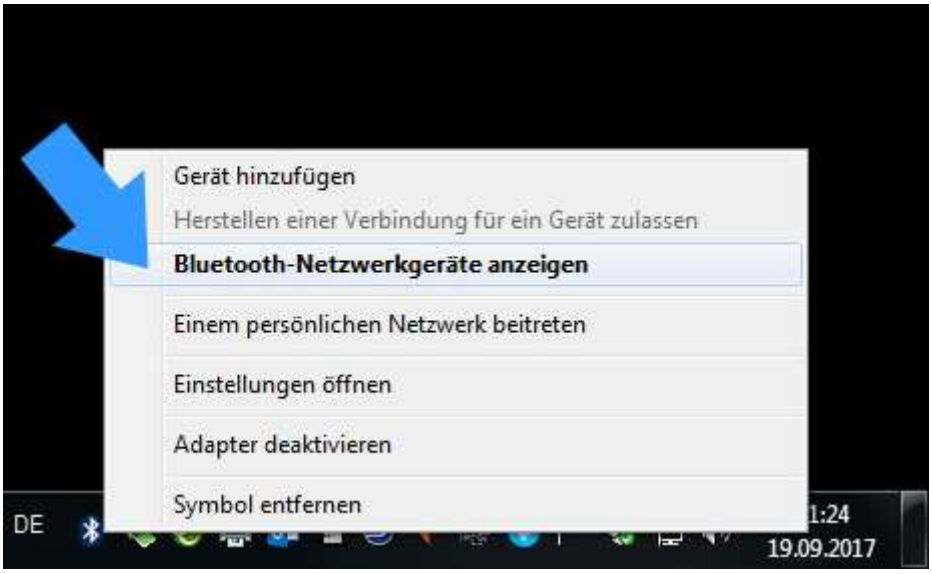
If you can't connect, perform the installation of the driver that can be obtained at
http://www.list-magnetik.com/de/download
under the heading "Software". The file is named BCM20702 _..., depending on the version of your Windows operating system. It is available for Windows XP, Win 7 or Win 8.

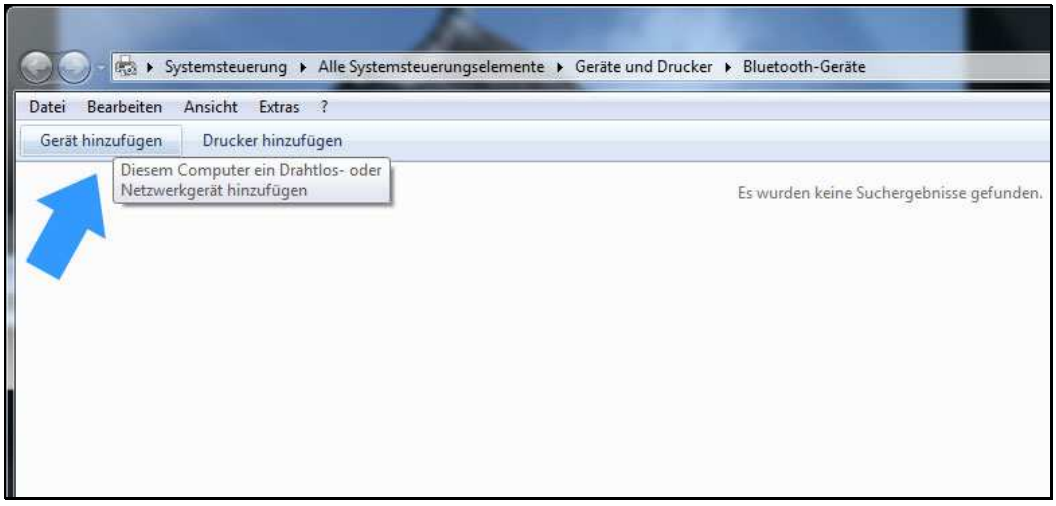
B) PAIRING HOLAC LINE TOOL

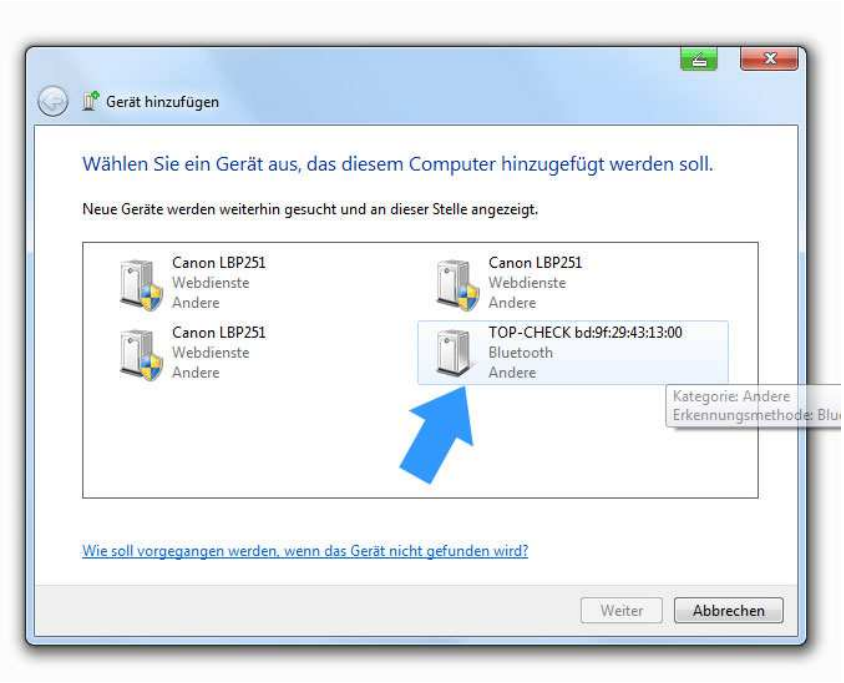
Your HOLAC Line Tool device must be paired with the PC.

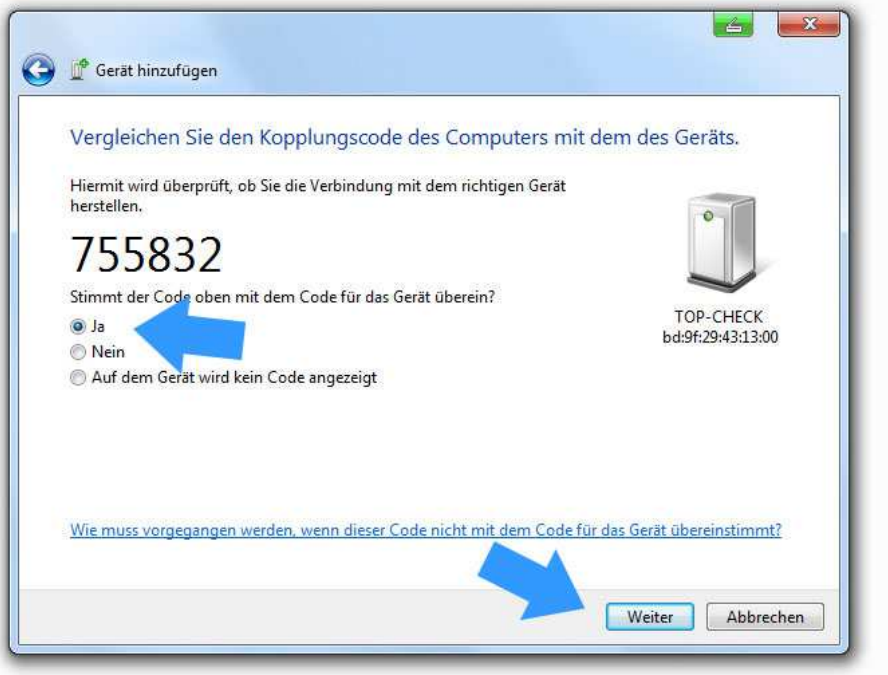
For this purpose, the coupling must be executed on both devices.
The function **SETUP / BLUETOOTH / ON** must be executed at the device, and afterwards a device search in the Bluetooth menu on the PC.







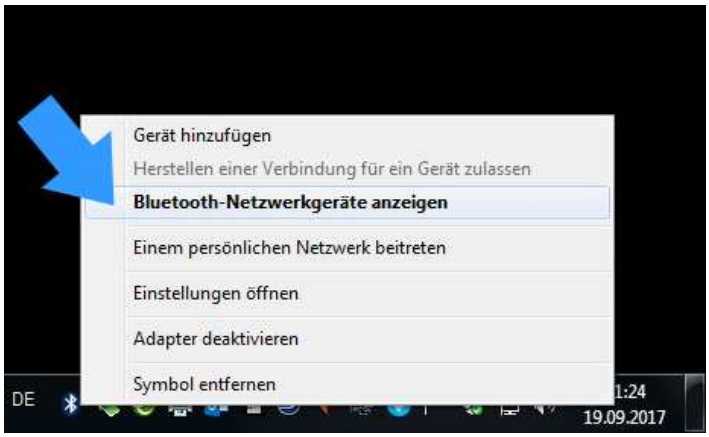




On the PC, the identified device must be selected, and the coupling request must be confirmed. An identification number is shown, which you can confirm but ignore.

DETECTING THE COM-PORT FOR BLUETOOTH

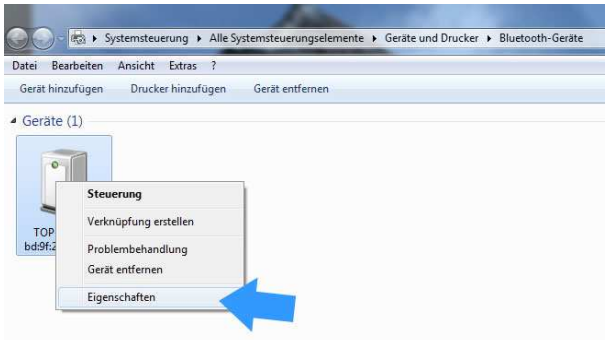
After successful coupling, HOLAC Line Tool is assigned to a so-called COM Port. This assignment remains permanent. Before starting the application HOLAC Line Tool TRANSFER, you must know the number of this port.

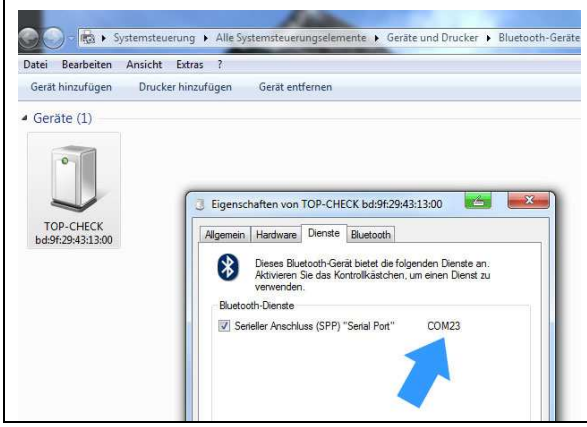


To do this, please determine the assigned COM port number in the Bluetooth device menu. You need to know this at the start of the application HOLAC Line Tool TRANSFER.

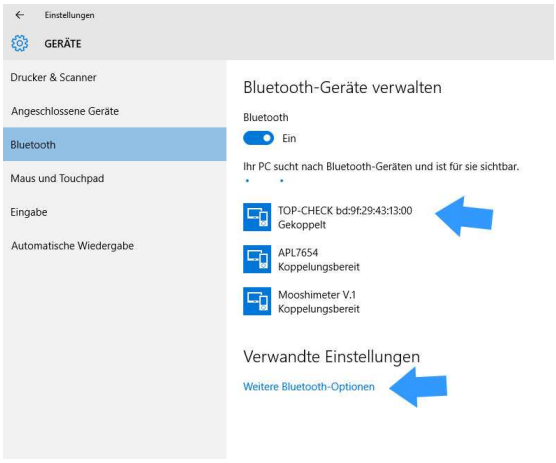
For Windows 10, 2 COM ports are displayed, take the "outbound" number.

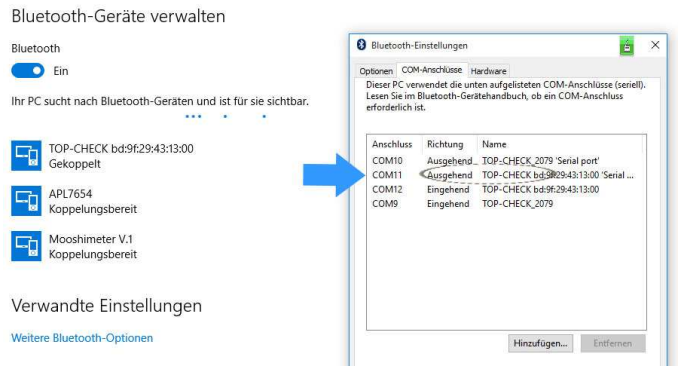
Windows 7





Windows 10





3. INSTALLING THE APPLICATION

The installation package is called „HOLAC Line Tool TRANSFER_Vxx_Setup.exe" xx = version number) and available for download at **https://www.list-magnetik.com/holac-applications**

If your firewall or virus scanner prevents or disallows an installation, you can ignore these warnings. The installation packages are free from viruses and advertisements, they are only distributed via our homepage.

The default paths used during installation are Windows 10

C:\Program Files (x86)\Hochbach GmbH\HOLAC Line Tool TRANSFER
Constant program components

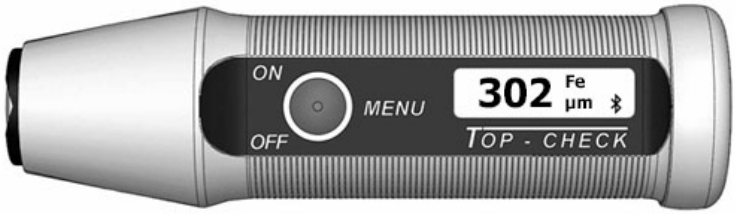
C:\ProgramData\Hochbach GmbH\HOLAC Line Tool TRANSFER
C:\Users\<>\AppData\Local\VirtualStore\ProgramData\Hochbach GmbH\HOLAC Line Tool TRANSFER
User-used and modified configuration data (COM port, language, limits, project data) and this manual

C:\Users\<>\AppData\Local\Hochbach GmbH\HOLAC Line Tool TRANSFER
User created measurement series
Specification of the label of the project data

4. FUNCTIONS

STEP 1: CONNECT

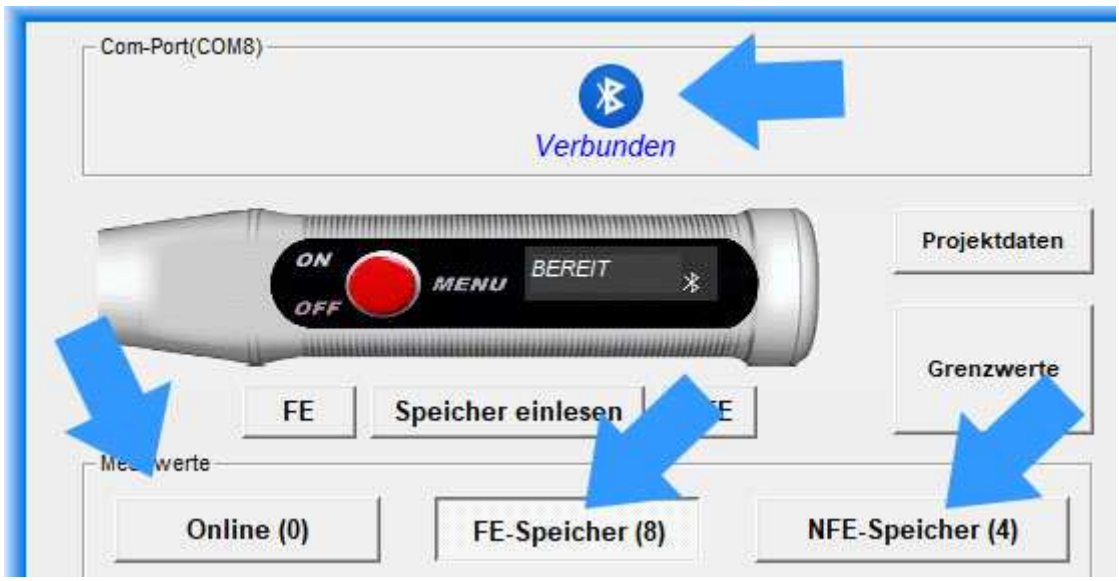
To connect, you need the number of the COM port that you detected in chapter 2. Your HOLAC Line Tool must be switched on, and Bluetooth must be active in HOLAC Line Tool. You can see it: the Bluetooth indicator at the bottom right.



After successful connection, the description changes to "Connected" and the selection box for the COM port becomes invisible. The selected and connected COM port is now shown in the frame headline. This selected port is retained for the next program call even after the program has finished.

The device storage is read directly after establishing the connection. The names of the memories (FE Memory 1 / FE Memory 2) are shown in the column headers.

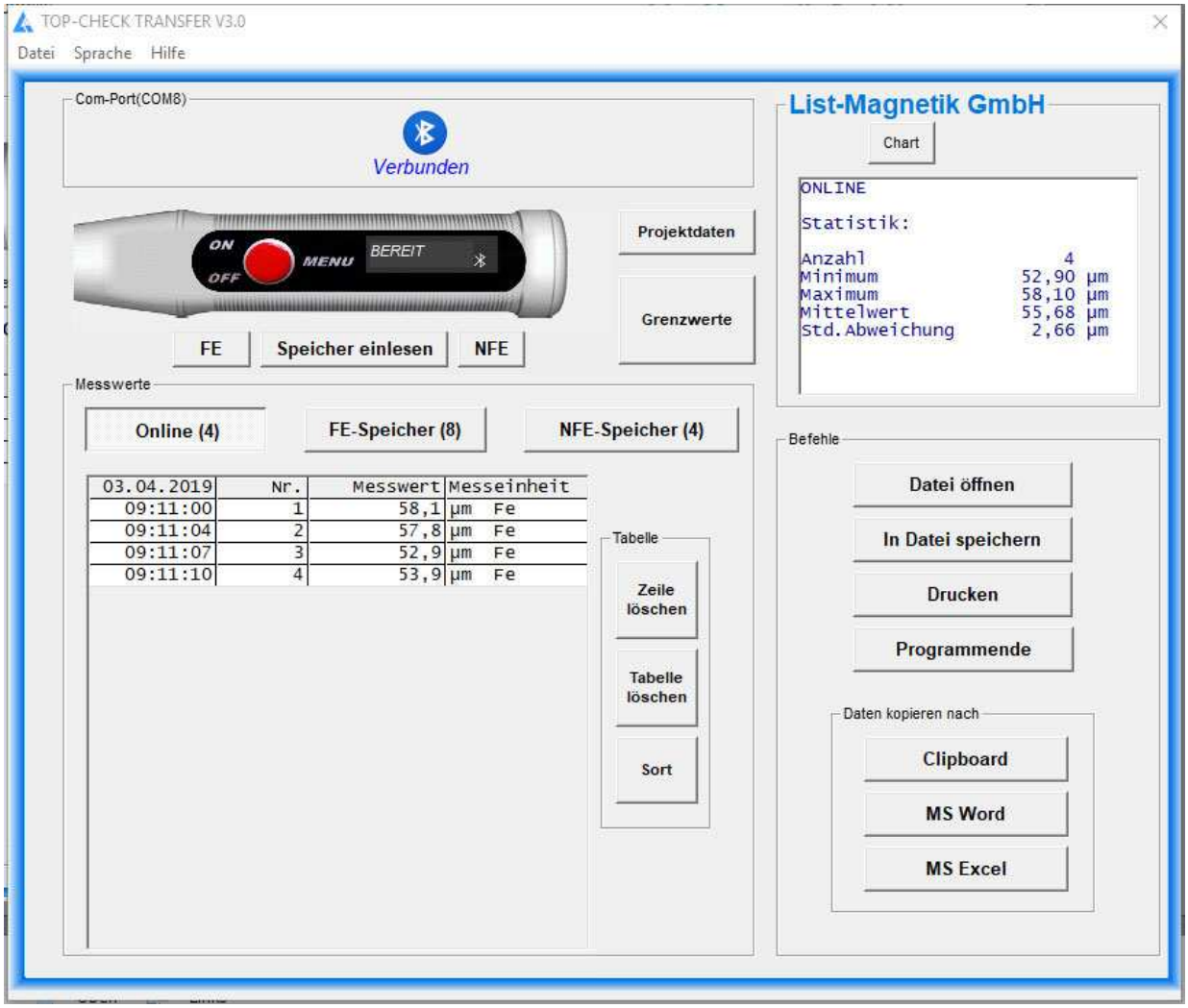
The leftmost of the 3 buttons above the table is shown as "Online"


Com-Port(COM8)
Verbunden
ON
OFF
MENU
BEREIT
Projektdaten
Grenzwerte
FE
Speicher einlesen
Online (0)
FE-Speicher (8)
NFE-Speicher (4)

MEASURING ONLINE

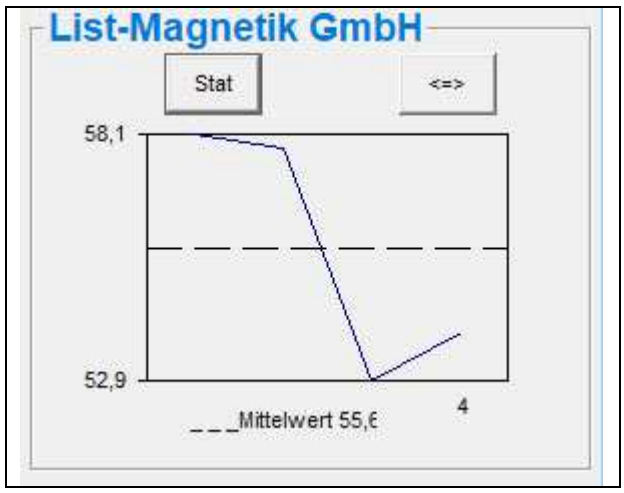
Now you can start your work.

For example, you can directly perform online measurements.
To do this, click on the "Online" button on the left above the measured value table.

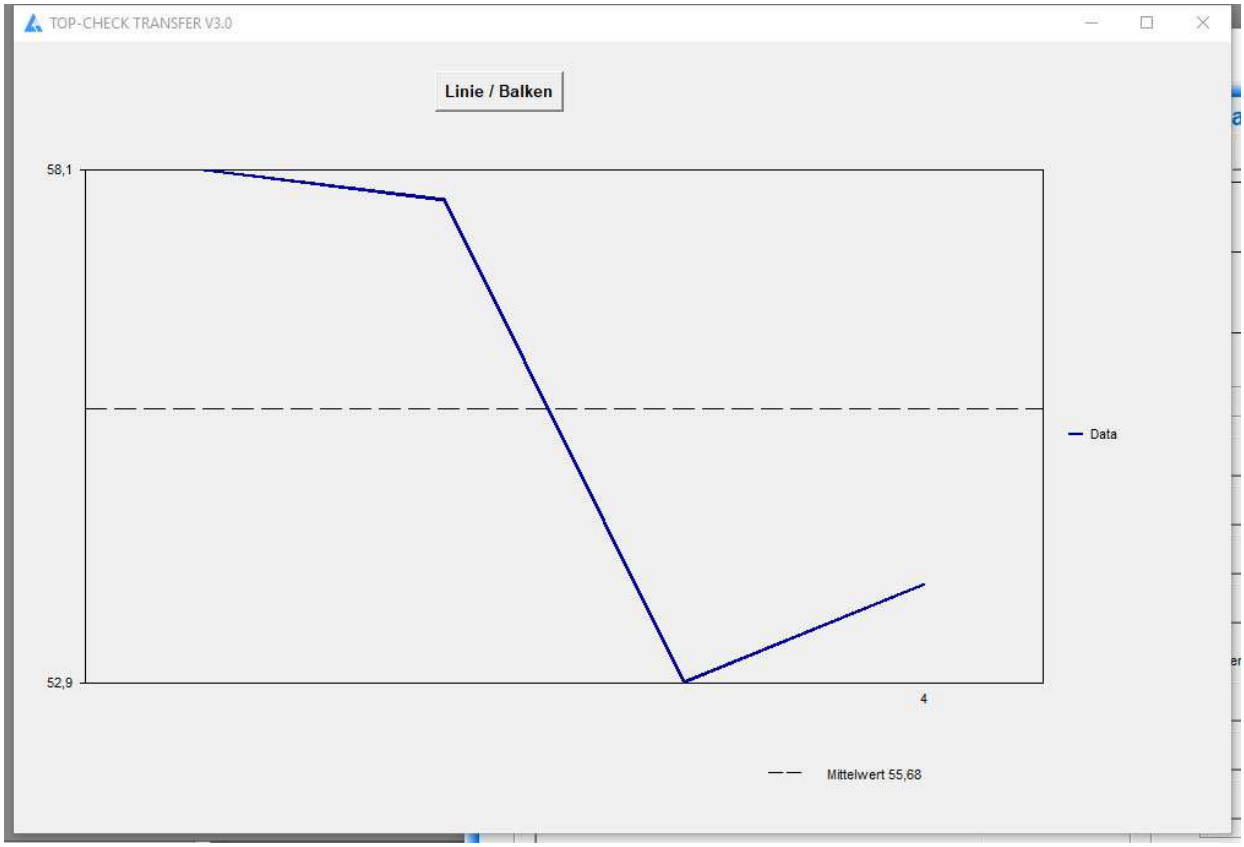


Statistical values are automatically generated from the second measurement: Minimum, Maximum, Average (Mean) and Standard Deviation.
Note: The Standard Deviation is calculated with (n-1).

To toggle between the numeric statistic and a line diagram, please use the button Chart and Stat.



You can also switch to a larger view in the chart display with the button <=>. There, the representation can be selected as a line or bar chart.

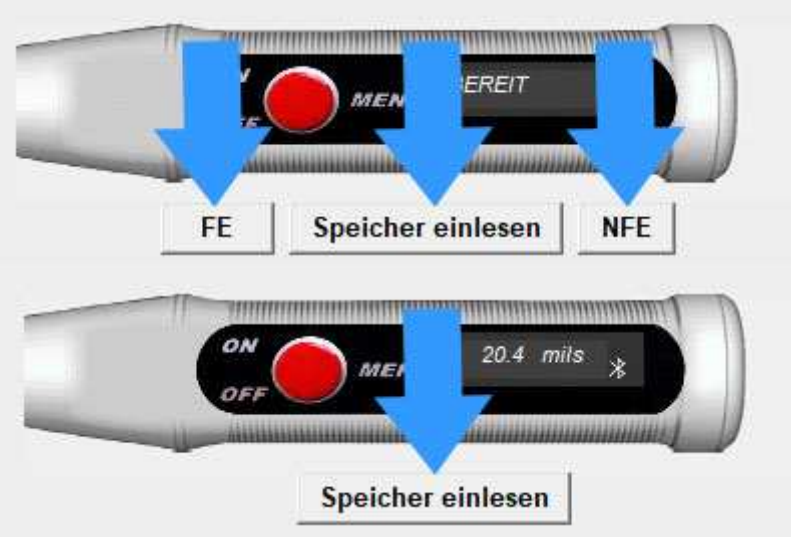


Note:

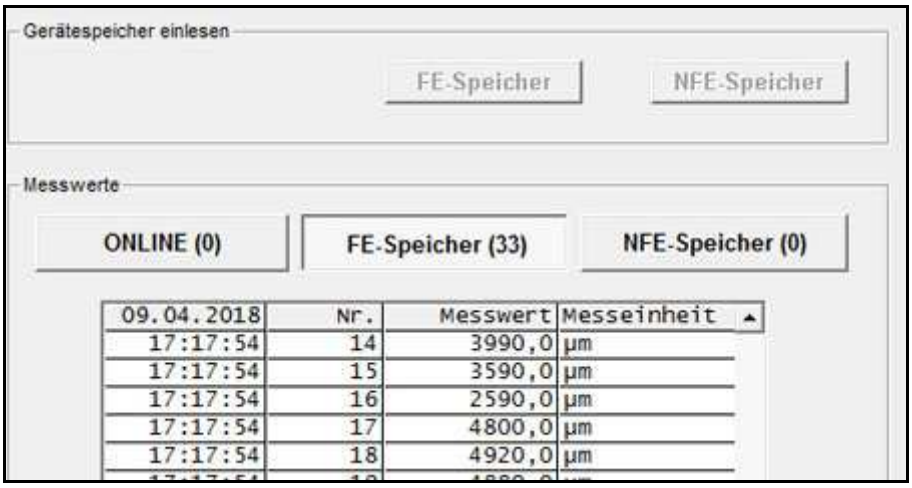
The online measurement series is saved in a separate file "online.mes". If you experience problems during the measurement, e.g. you get a program crash, you can load your measurement data from this file again. See chapter "Open file".

READ DATA FROM DEVICE

If you already have measured values in the device memory, these can be read from the device by the application. You can read them again at any time, either one of the two memories individually, or both together.



As long as the transfer is running all activities are blocked. The counter behind the title of the measurement series, counts the transferred measurements

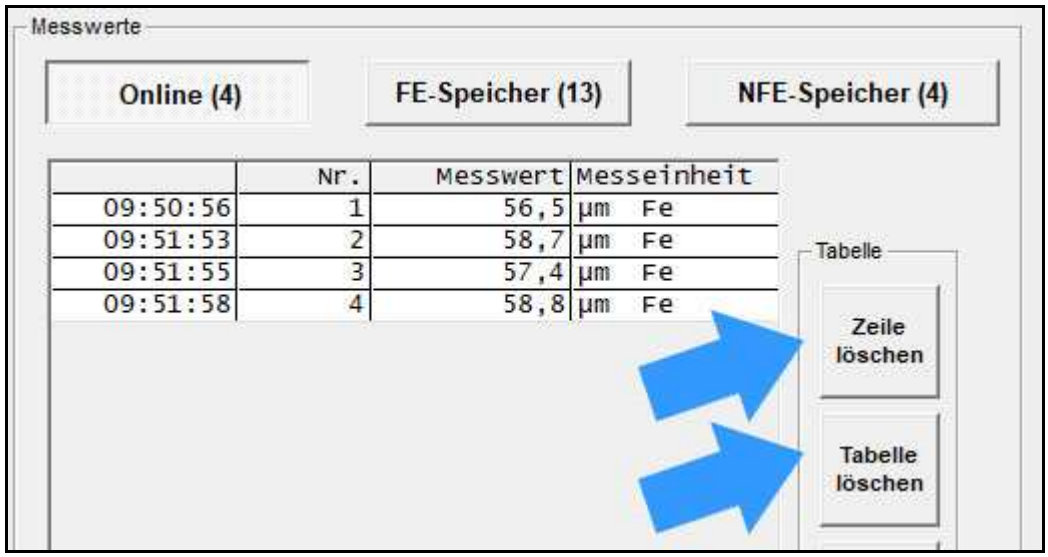


Once the measurement series has been read, the buttons are active again and the statistical data is filled.

DELETE TAB, DELETE ROWS

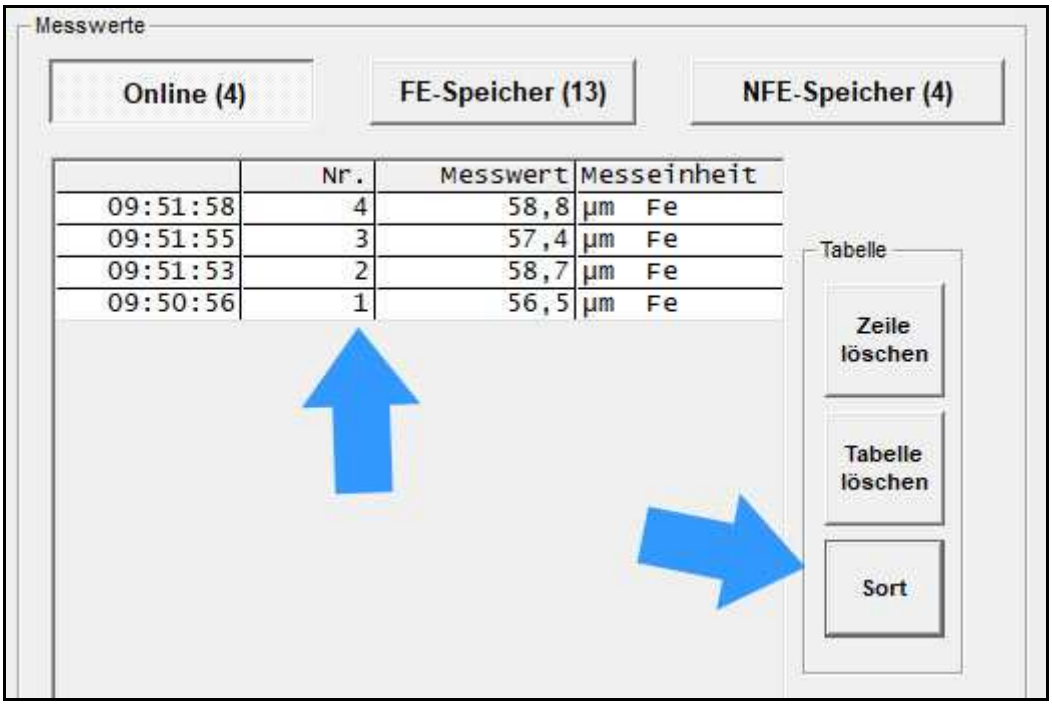
The table of measured values can either be completely deleted or individual lines can be displayed. The statistics will be automatically corrected afterwards.

Note:
The data in the device will not be deleted.
By reading again from the device, the deleted values are added again.



SORT TABLE

The tables with the measured values can be sorted in descending order from the last to the first one.



PROJECT DATA

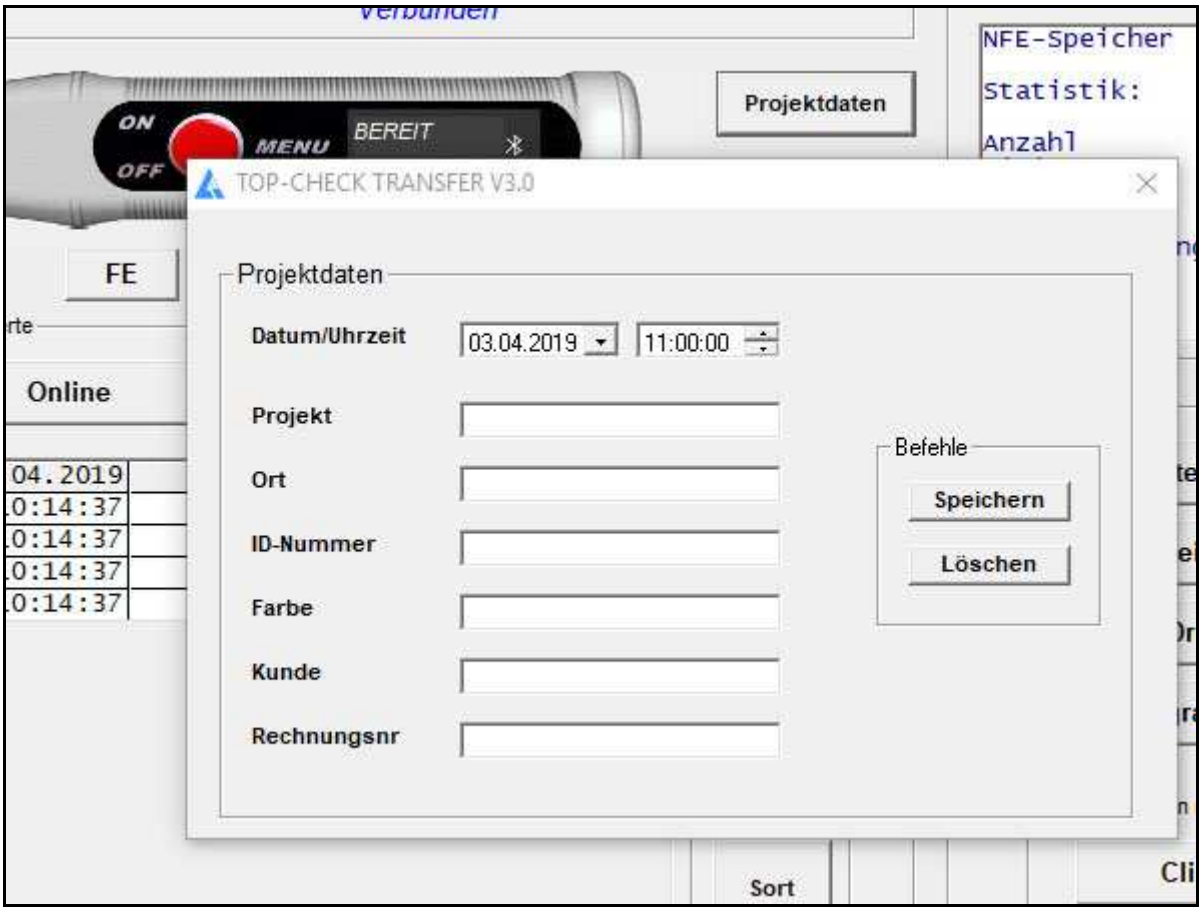
HOLAC Line Tool TRANSFER allows you to edit project data for a measurement series. This project data will then be provided during printing, when transferring to Microsoft Word or Microsoft Excel, so that you can document the series of measurements.

You have a date / time information and 6 free text fields as project data available.

The free text fields can be defined by the user. In the configuration file "Projekt.ini" on the user data directory („C:\Users\<Your Name>\AppData\Local\Hochbach GmbH\HOLAC Line Tool TRANSFER"), you can define 6 fixed terms in German and English for yourself.

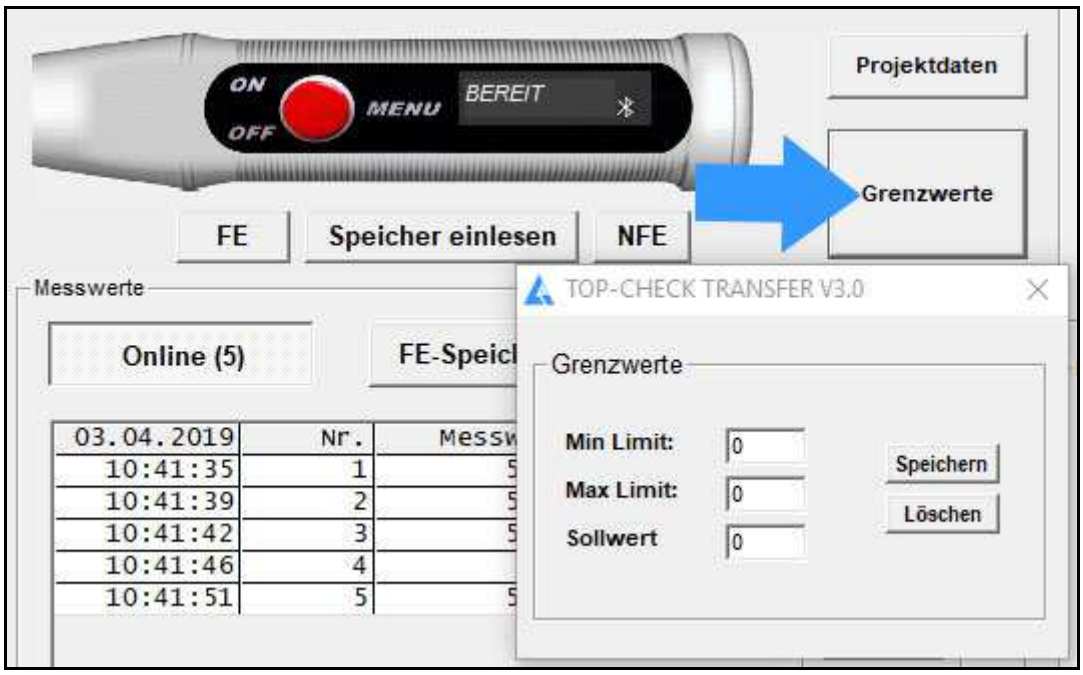
Example:

```
Projekt;Project;
Ort;Location;
ID-Nummer;ID No.;
Farbe;Color;
Kunde;Customer;
Rechnungsnr;Invoice No.;
```

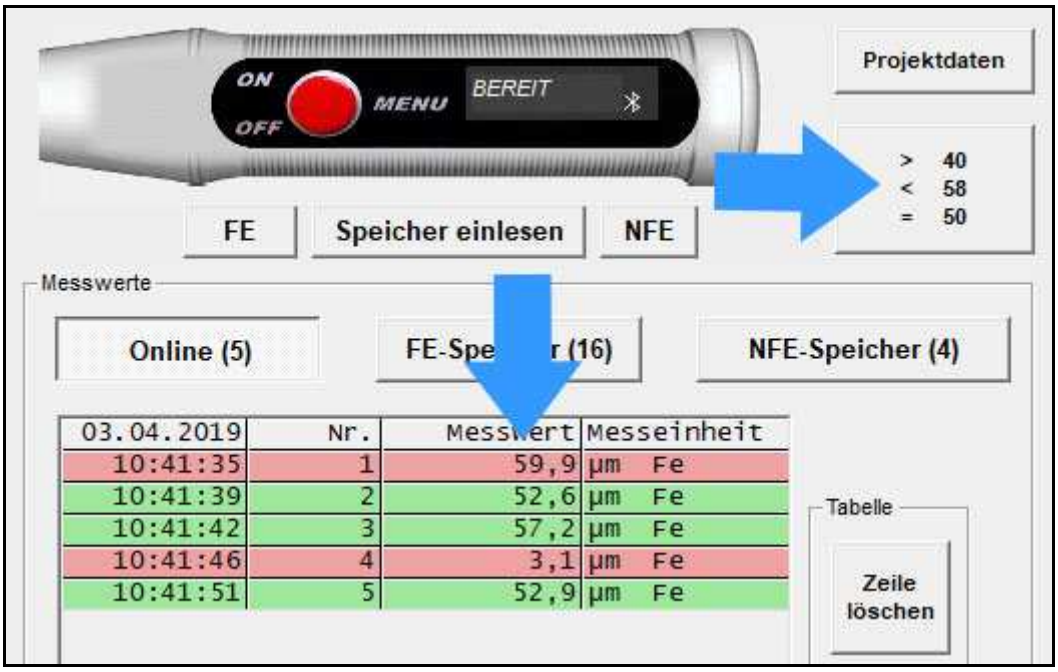


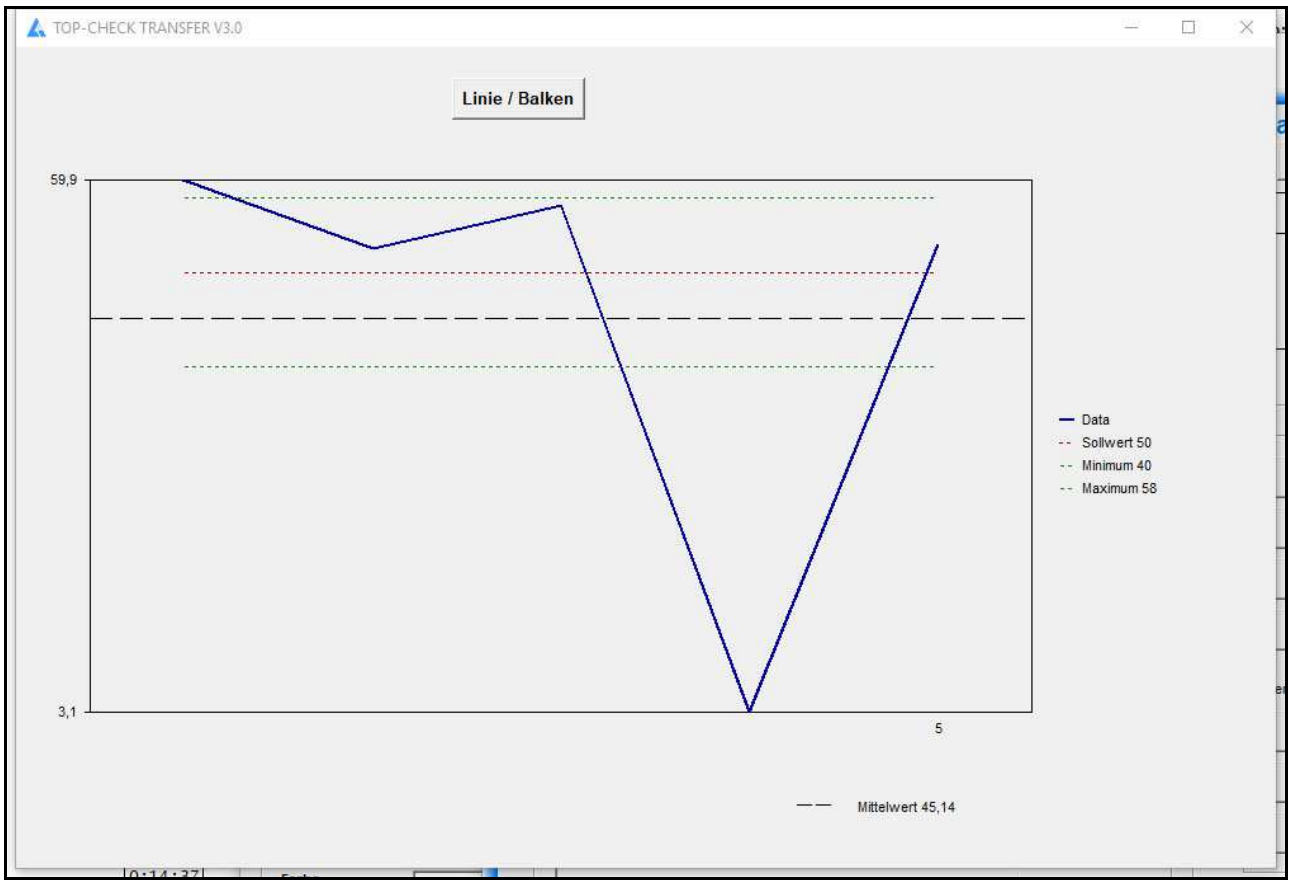
LIMITS

With limit values, an evaluation of your measured values after falling below or above a corridor is possible. If you have specified limit values, the measured values are highlighted in green (= in the corridor) or red (= outside). In addition, a target can be preset. The limits and the target are displayed in the charts (line or bar).



Example: Input of min limit = 40, max limit = 58.





Representation of the limits and the target in the line chart

OUTPUT: FILE, PRINTER, APPLICATIONS

The measurement series can be stored in a file.
Files of type ".mes" are readable with a text editor.

With the button "Open Data File" such a series of measurements can be read again from file, for example to print it or to transfer to Excel.

FE-Speicher

Statistik:

Anzahl	33
Maximum	5220,00 µm
Minimum	85,90 µm
Mittelwert	2928,62 µm
Std.Abweichung	2025,07 µm

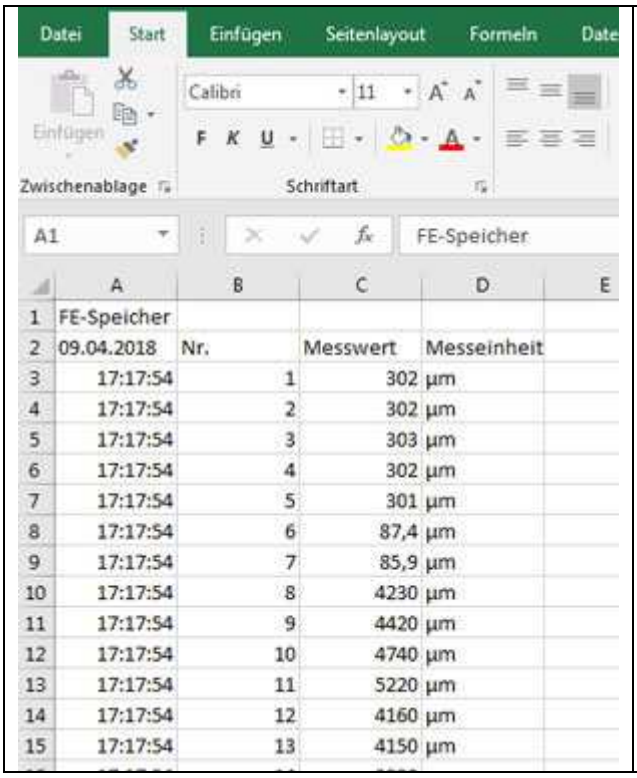
09.04.2018	Nr.	Messwert
17:17:54	1	302,0 µm
17:17:54	2	302,0 µm
17:17:54	3	303,0 µm
17:17:54	4	302,0 µm
17:17:54	5	301,0 µm
17:17:54	6	87,4 µm
17:17:54	7	85,9 µm
17:17:54	8	4230,0 µm
17:17:54	9	4420,0 µm
17:17:54	10	4740,0 µm

Example of a print output via button „Print"

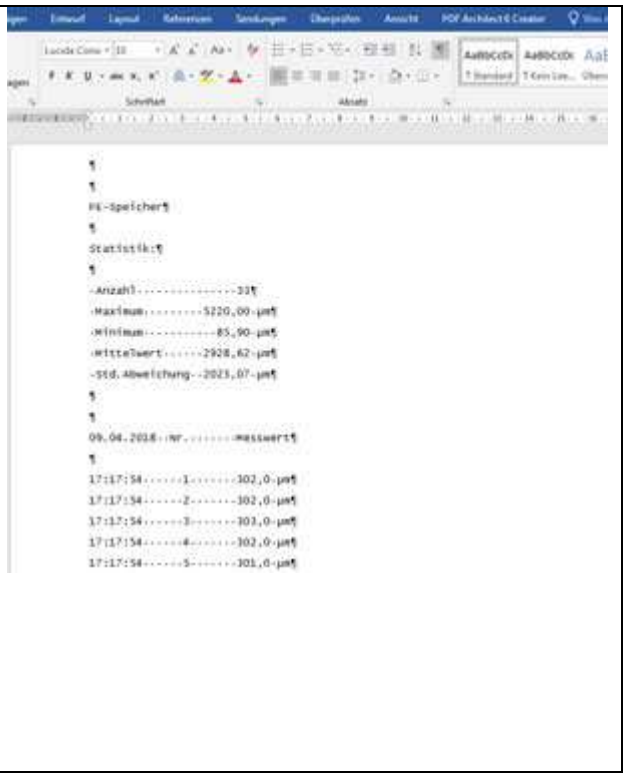
Via Clipboard you can hand over the measuring series to subsequent applications.

The Buttons „ MS Word" and „MS Excel" only will work if the named Microsoft Office components are installed, but not with Open Office.

When transferring to Excel, you have the choice of outputting the data as a table or, in addition, graphically as a chart.



	A	B	C	D	E
1	FE-Speicher				
2	09.04.2018	Nr.	Messwert	Messeinheit	
3	17:17:54	1	302	µm	
4	17:17:54	2	302	µm	
5	17:17:54	3	303	µm	
6	17:17:54	4	302	µm	
7	17:17:54	5	301	µm	
8	17:17:54	6	87,4	µm	
9	17:17:54	7	85,9	µm	
10	17:17:54	8	4230	µm	
11	17:17:54	9	4420	µm	
12	17:17:54	10	4740	µm	
13	17:17:54	11	5220	µm	
14	17:17:54	12	4160	µm	
15	17:17:54	13	4150	µm	



OPEN DATA FILE

With then "Open Data File" button you can read in a saved data file again.

For example, you can read in the automatically generated online measurement series after a cancellation.

LANGUAGE AND HELP

The language can be switched between German and English in the upper menu bar.

In the Help menu, the manual can be opened in PDF format.

Under "Info" your device data (type, firmware version, MAC address) are visible.