

MarConnect MarCom APP

April 2025

Create your own personal Collection Network



+

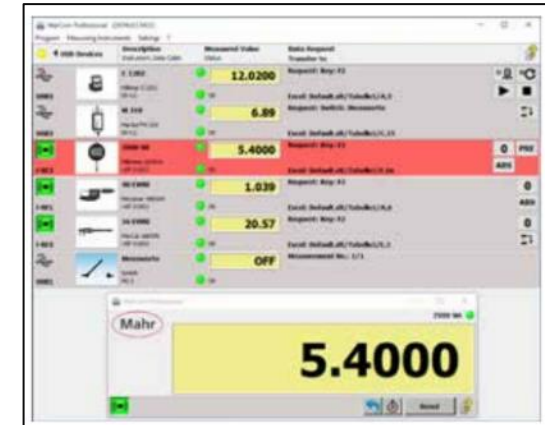


+



Adapter
USB-A to USB-C

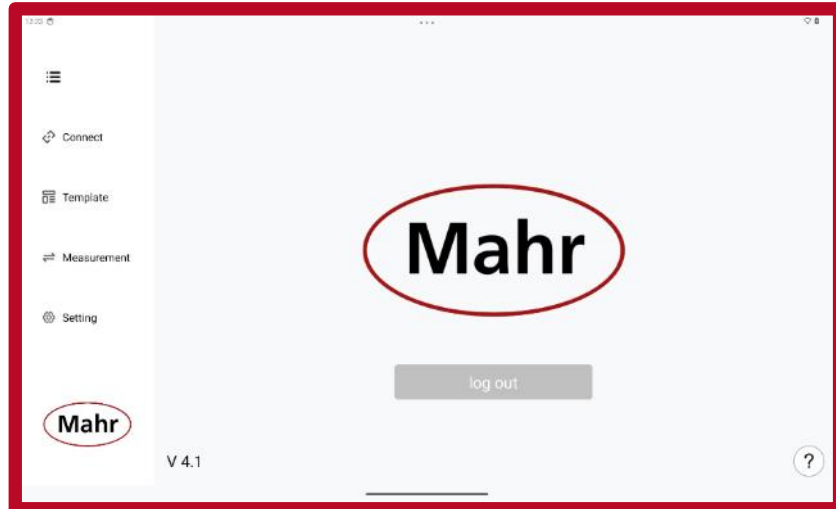
MarCom Professional
Windows 10/11 PC
32 i-Wireless measuring devices



NEW: MarCom APP
Tablet with Android v.10 or higher
8 i-Wireless measuring devices



MarCom App for Tablets with Android OS



NEW: MarCom APP

- Tablet with Android V10 or higher
- device must support USB-host function
- i-Stick + USB-A to USB-C adapter
- **8 i-wireless measuring devices**

available from mid-May 2025

In the Google Play Store

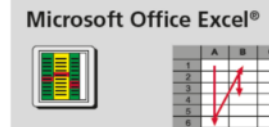
MarCom APP – SMAHRT CONNECTIVITY



MarCom App



Excel



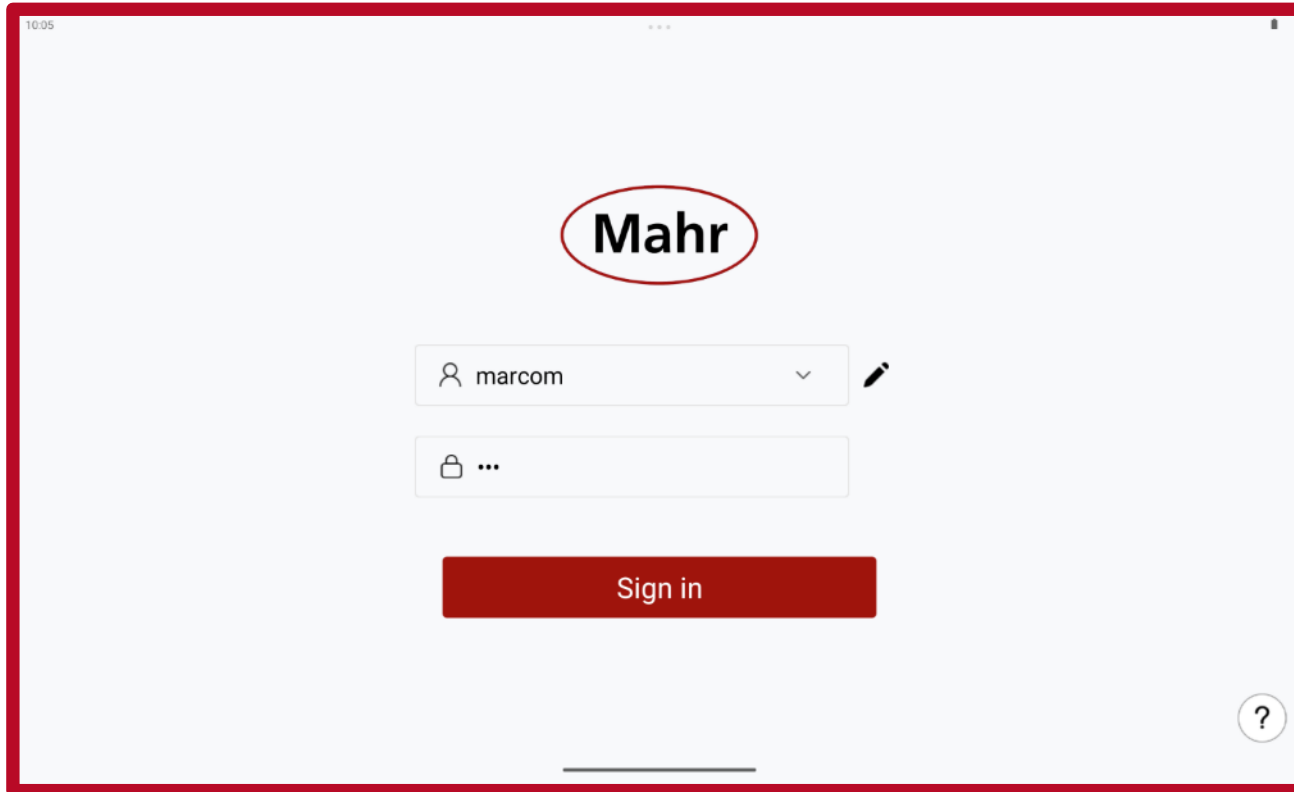
PDF

Messwerte einfach protokollieren



Free of charge Download
Google Play Store
from Mai 2025

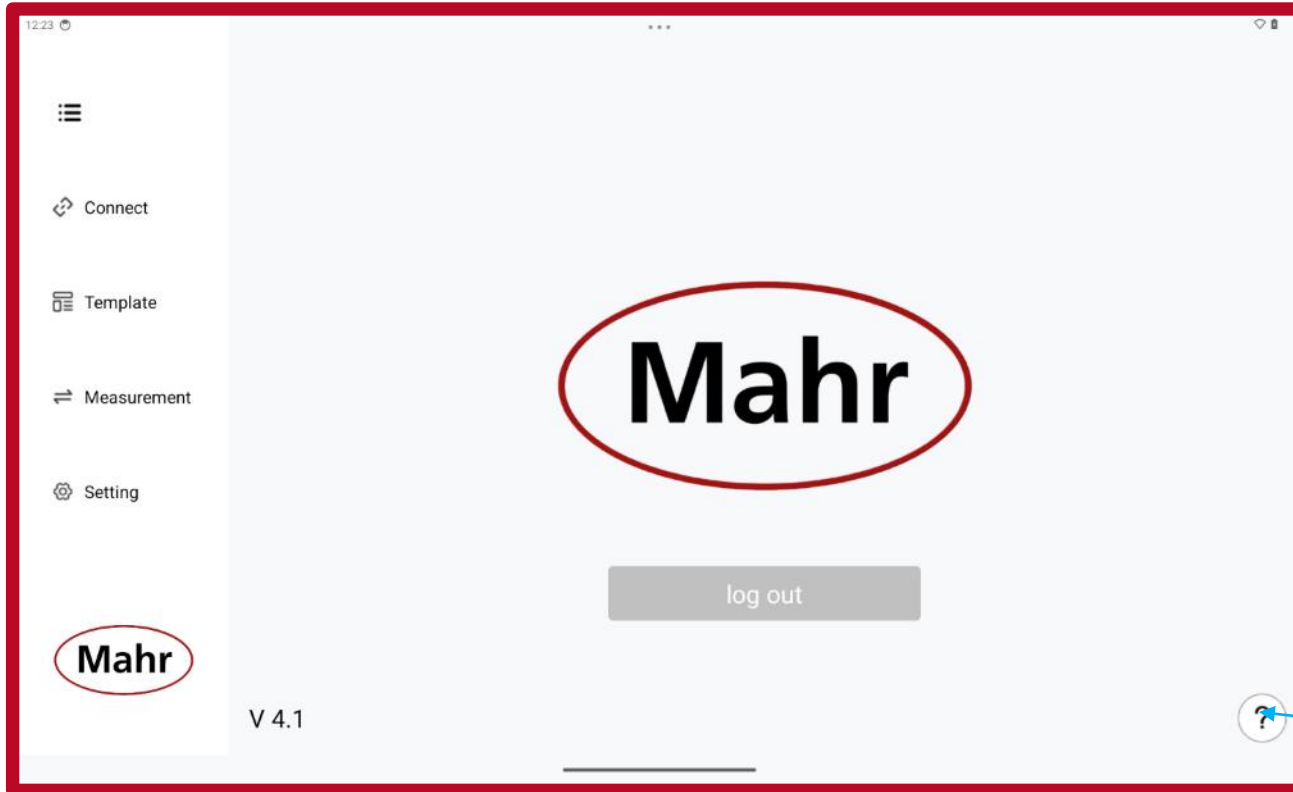
MarConnect – MarCom APP



User administration with password

- Clear authority
- Easy to handle

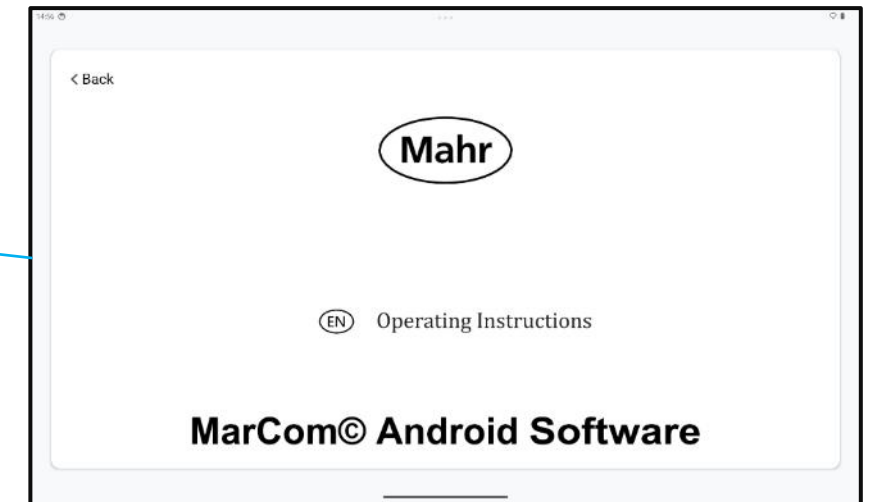
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Main menu

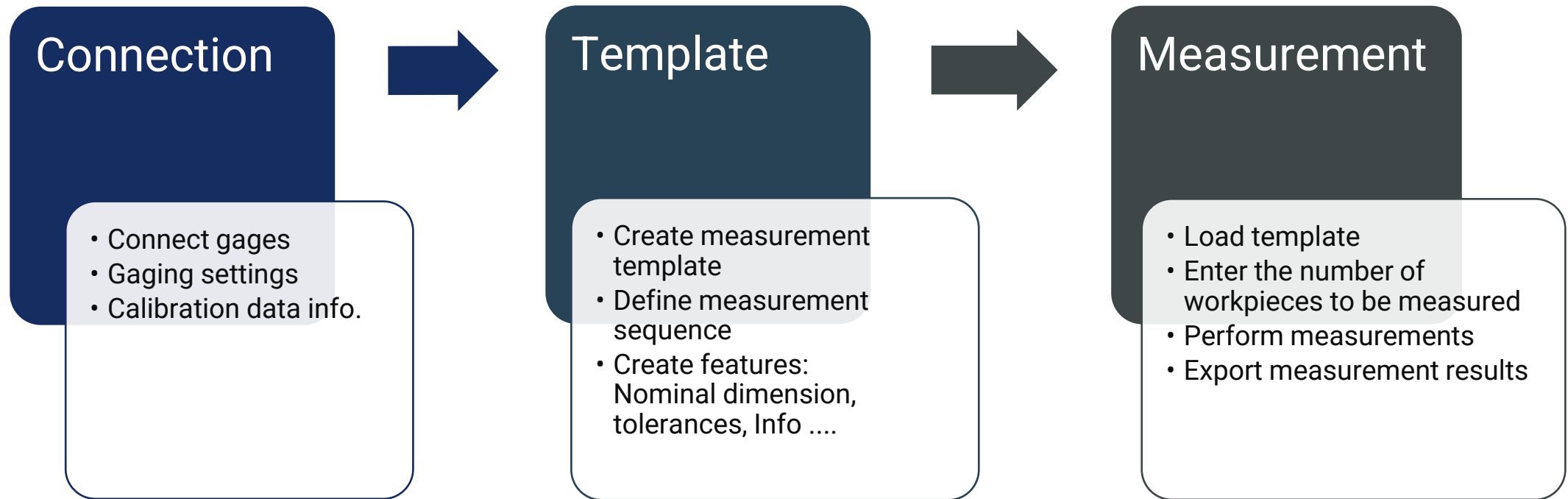
- Connect
- Template
- Measurement
- Settings

? = Call up operating instructions

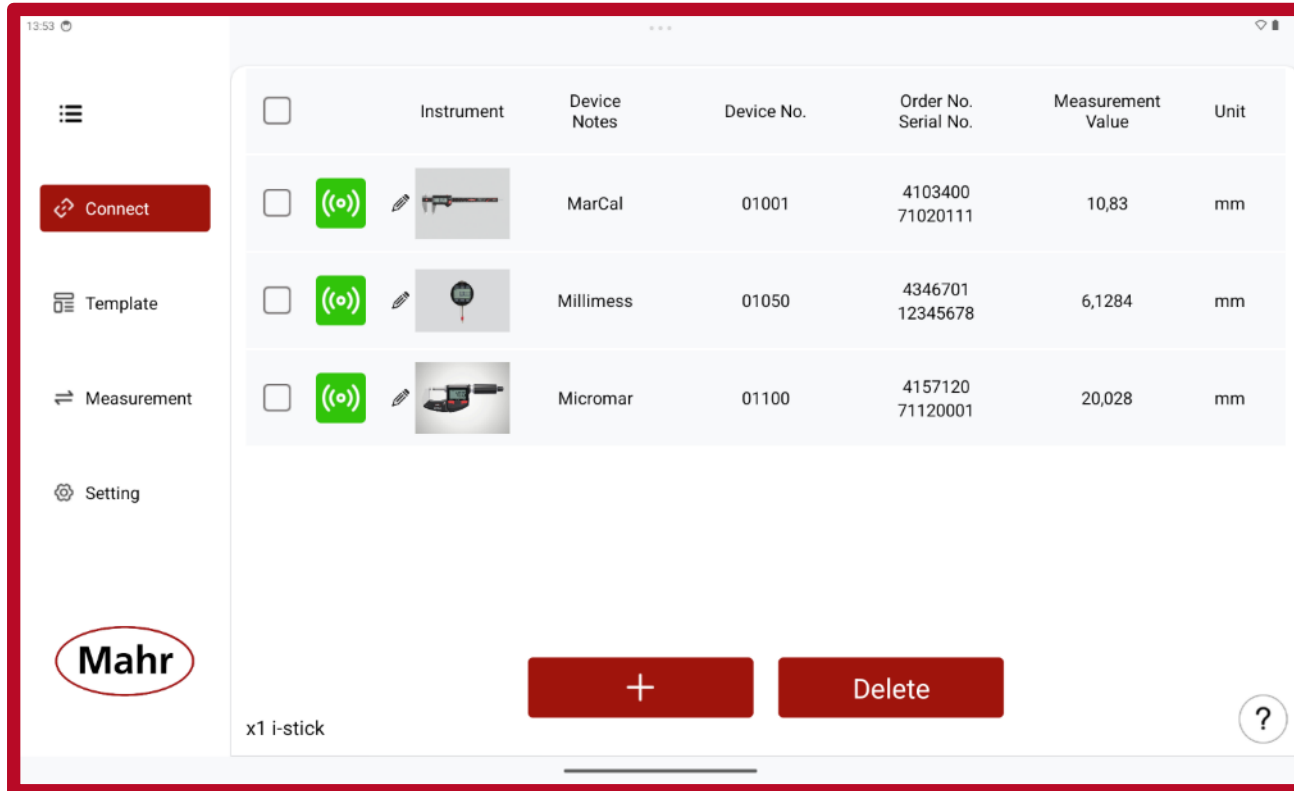


MarConnect – MarCom APP


Flowchart



MarConnect - MarCom APP



Measuring instrument overview

- 8 i-Wireless measuring instruments
- Click on "+" to connect a measuring instrument
- Click on "  " to edit the settings of a measuring instrument

MarConnect - MarCom APP

13:53

Channel: 01 02 03

Instrument: 16 EWRI

Device No: 01 001

Calibration time: 14/03/2025

Next Calibration time: 14/03/2026

ECO: ☐

Order No.: 4103400

Serial No.: 71020111

Device Notes: MarCal

OK Cancel

1087 R

1087 BR

1086 R

16 EWRI

40 EWRI

18 EWRI

2000 Wi

2001 Wi

817 CLT

44 EWRI

844 EWRI

1087 Ri

1087 BRi

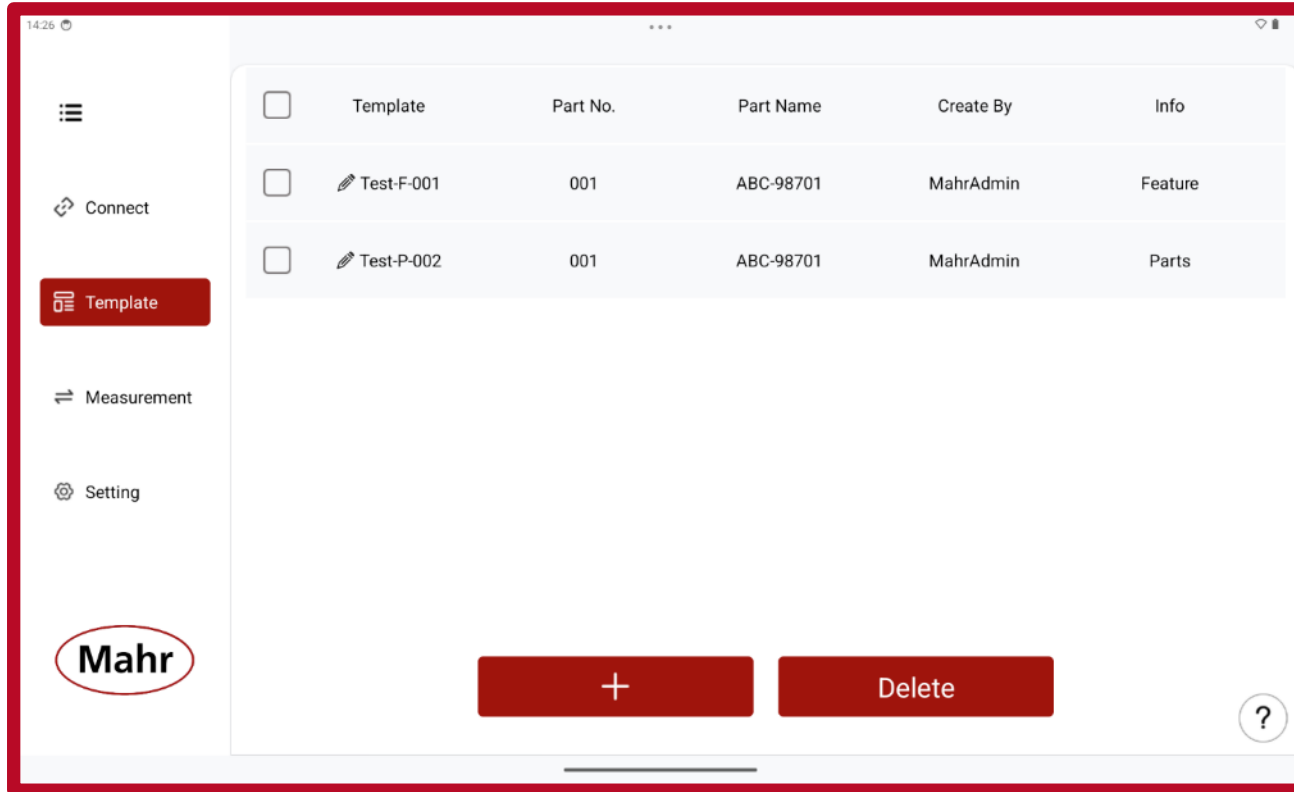
1086 Ri

Not connected searching connected


Connect measuring instrument

- Set channel
- Select type
- Select the connection mode on the measuring instrument
- Click on the radio symbol to connect the measuring instrument
- Calibration monitoring
- Device description
- Order No. and Serial No.

MarConnect - MarCom APP



Create Template

- Click on "+" to create a new template / measurement task
- Click on "  " to edit a template / measurement task

MarConnect - MarCom APP

The screenshot displays the MarConnect - MarCom APP interface. At the top, there's a status bar with the time 14:26. The main content area is divided into several sections:

- Part Information:** Fields for No. (001), Name (ABC-98701), and Info (Feature).
- Device:** Radio buttons for Device No., Device Notes (selected), and Order No./Serial No.
- Test Sequence:** Radio buttons for Parts and Feature (selected).
- Settings:** Toggle switches for Date/Time, Unit, Remark, and Trend Chart Statistics.
- Table:** A table with columns: Device Notes, Feature, Dimension, Unit, Warning, and Remote Control. It contains three rows of data.
- Buttons:** A red button with a "+" icon, a red button labeled "Delete", a red button labeled "Save", a red button labeled "Save as", and a red button labeled "Cancel".
- Help:** A circular icon with a question mark.

Device Notes	Feature	Dimension	Unit	Warning	Remote Control
<input type="checkbox"/>	MarCal	L20 +0.555 -0.555	mm	20%	Zero Data
<input type="checkbox"/>	MarCal	L12 +0.0 -0.043	mm	10%	Data
<input type="checkbox"/>	Millimess	H1 +0.654 -0.456	mm	10%	Zero Data

Create Template

- Enter header data
- Create new features with "+"
- Edit existing features with "✎"

MarConnect - MarCom APP

15:41

< Back

Instrument: Device

Device Notes: MarCal

Dimension: Length 20

Nominal Value: 20 mm

Tolerance System: LCL/UCL

Tolerances: -0,555 +0,555

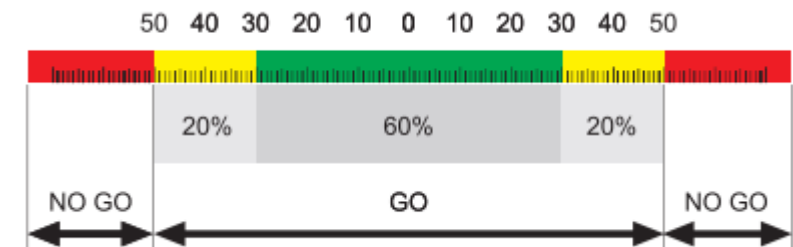
Warning Limit: 20%

Remote Control: ☒ Data ☒ Zero ☐ Follow the previous setting

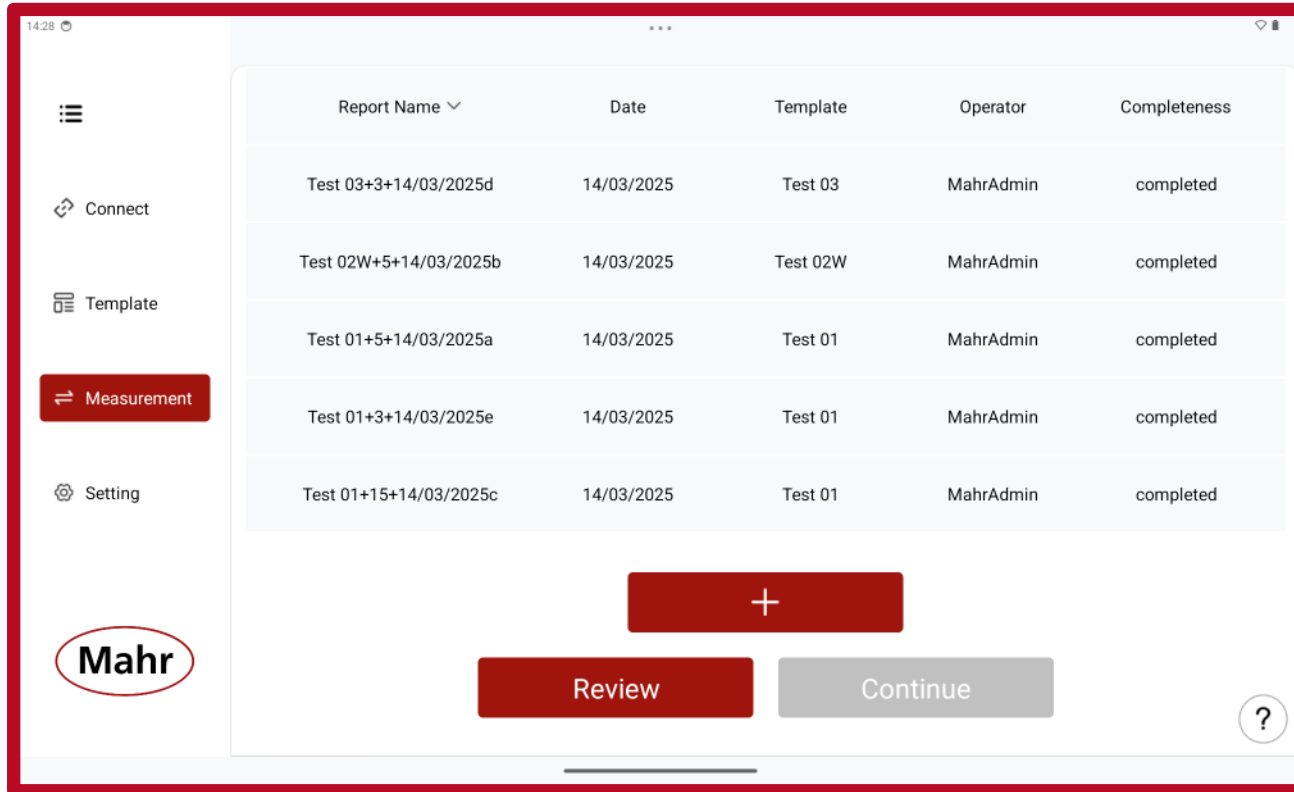
OK Cancel ?

Create Template

- Create feature data
- Name, measuring device
- Parameter:
 - Nominal dimension,
 - Tolerances,
 - Warning limits
- Remote control
- Remarks for the measurement



MarConnect - MarCom APP



Measurement

- Start a new measurement series with "+"
- Manage existing measurement series with "Review", export as PDF or Excel file
- „Continue“ measurement series

MarConnect - MarCom APP

The screenshot displays the MarCom APP interface. A modal dialog box is centered on the screen with the text "Please fill in the test quantity". Below the text is a text input field containing the number "10". At the bottom of the dialog are two buttons: "Cancel" and "OK". The background interface is dimmed and shows a table with the following data:

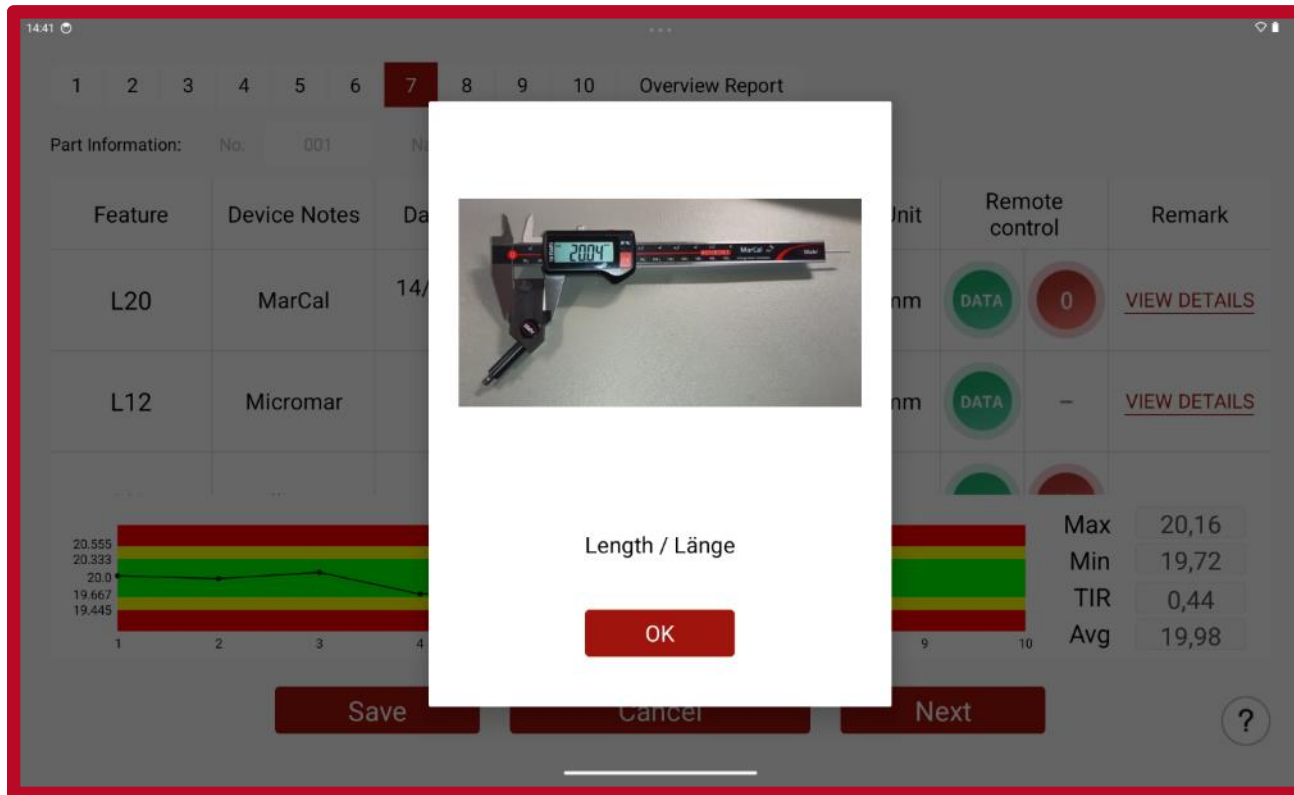
Report Name	Date	Template	Operator	Completeness
Werkstücke+3+24/03/2025	24/03/2025	Werkstücke	MahrAdmin	completed
Mei			admin	completed

On the left side of the app, there is a sidebar menu with icons for "Connect", "Template", "Measurement" (which is highlighted), and "Setting". At the bottom of the screen, there are buttons for "Review" and "Continue", and a Mahr logo on the left.

Measurement

- Start a new measurement series with "+"
- Select measurement program
- Enter the number of workpieces to be measured

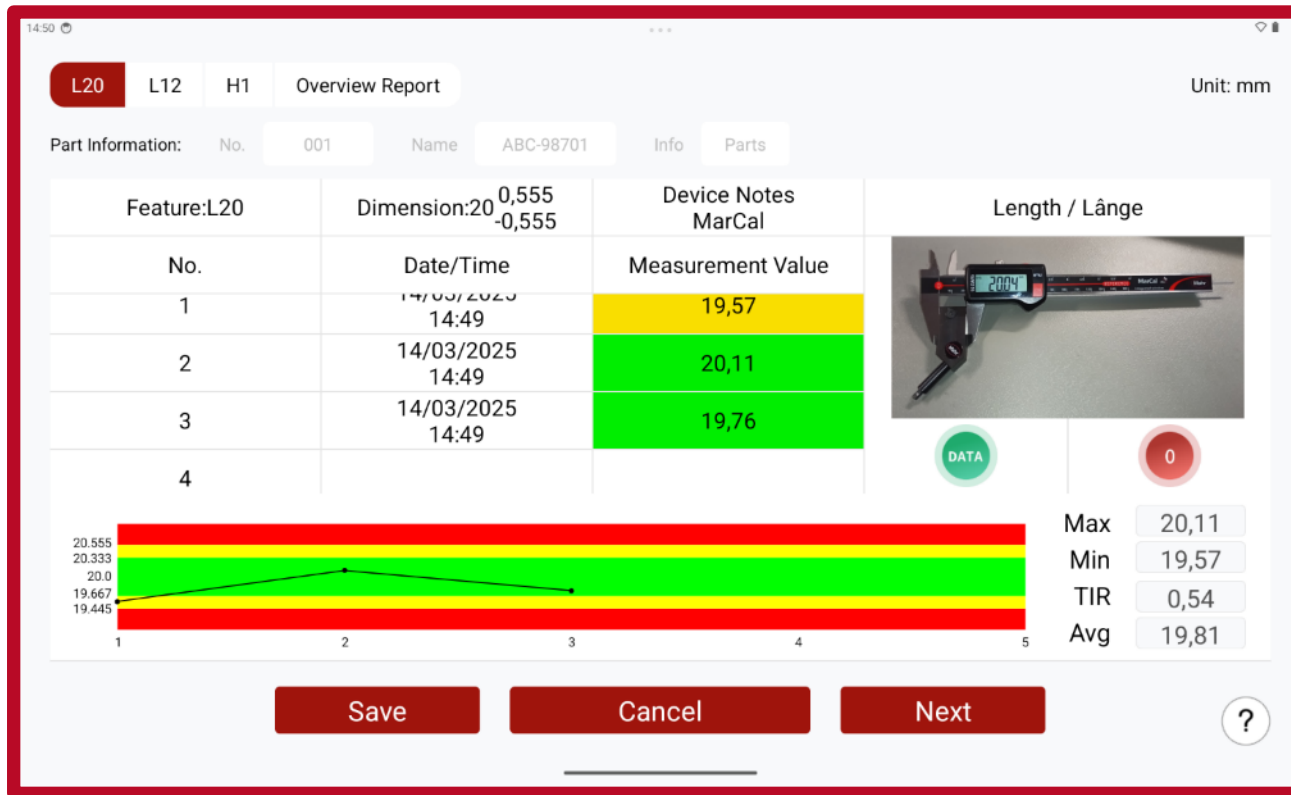
MarConnect - MarCom APP



Measurement

- Test sequence "Feature", all features of the workpiece are measured
- Measurements can be repeated
- **VIEW DETAILS**

MarConnect - MarCom APP



Measurement

- Test sequence “Parts”, one feature is measured on all workpieces, then the next feature
- Measurements can be repeated

MarConnect - MarCom APP

14:43

1 2 3 4 5 6 7 8 9 10 Overview Report

Part Information: No. 001 Name ABC-98701 Info Feature

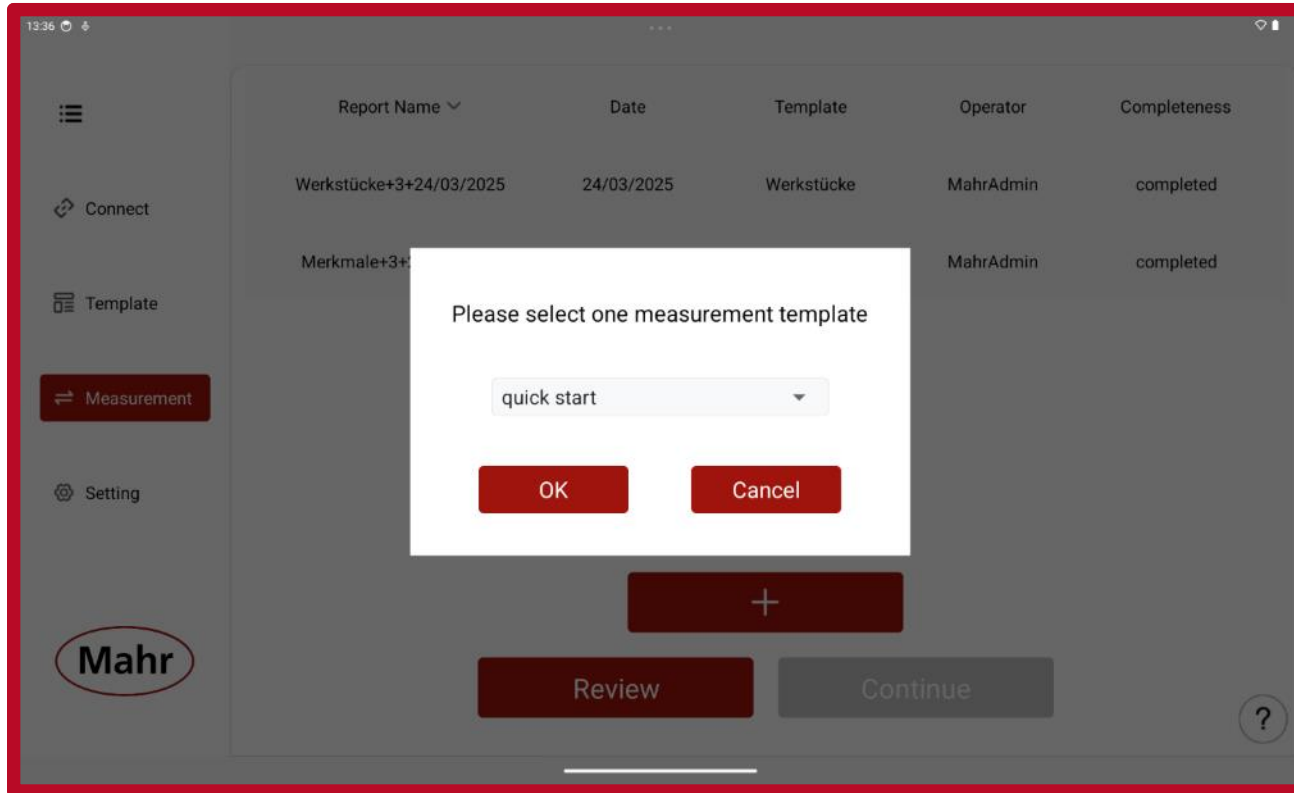
		5	6	7	8	9	10	Pass rate	Max	Min	TIR	Var	Avg
L20	2	19,82	20,16	20,06	19,98	19,46	19,54	100,0 %	20,16	19,46	0,70	1,11	19,89
L12	38	11,996	11,975	11,979	11,994	12,007	11,994	90,0 %	12,007	11,968	0,04	0,043	11,99
H1	17	6,012	6,0503	6,0139	6,159	6,1728	6,1174	100,0 %	6,1728	6,011	0,16	1,11	6,06
Stat		GO	GO	GO	GO	NG	GO	90,0 %	-	-	-	-	-

Save Cancel Next ?

Measurement


- Summary of the measurement series
- Statistical analysis
- The individual workpieces/features can be selected
- Measurements can be repeated
- Saving the measurement series

MarConnect - MarCom APP



Measurement without templet

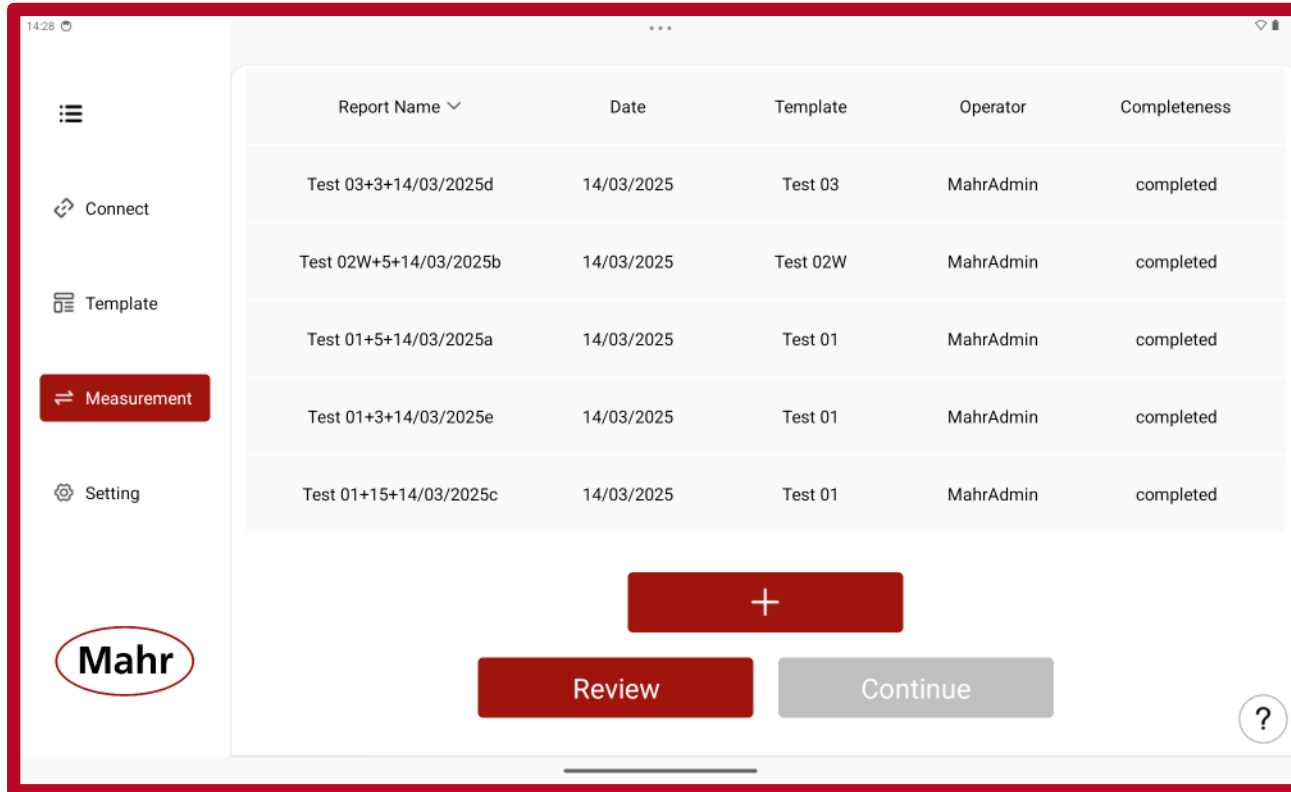
- Start a new measurement series with "+"
- Quick start



The screenshot shows the MarCom APP interface displaying a table of measurement data. The table has four columns: No., Instrument, Device Notes, and Measurement Value. There are 9 rows of data. Below the table, there are 'Export Excel' and 'Back' buttons. A question mark icon is visible in the bottom right corner.

No.	Instrument	Device Notes	Measurement Value
1	16 EWRI	MarCal	10.26
2	16 EWRI	MarCal	9.75
3	16 EWRI	MarCal	11.16
4	16 EWRI	MarCal	12.91
5	16 EWRI	MarCal	12.45
6	40 EWRI	Micromar	4.774
7	40 EWRI	Micromar	5.013
8	40 EWRI	Micromar	5.352
9	16 EWRI	MarCal	11.29

MarConnect - MarCom APP



Measurement

- Start a new measurement series with "+"
- Manage existing measurement series with "Review", export as PDF or Excel file
- „Continue“ measurement series


MarConnect - MarCom APP

	1	2	3	4	5	6	7	Pass rate	Max	Min	TIR	Var	Avg
L20	20,04	19,95	20,37	20,04	19,6	20,02	19,9	100,0 %	20,37	19,6	0,77	1,11	20,04
L12	11,981	11,971	11,992	11,987	11,988	11,963	11,95	100,0 %	11,998	11,963	0,04	0,043	11,98
H1	6,011	6,0114	6,0113	6,0649	6,0378	6,012	6,3	100,0 %	6,3	6,011	0,29	1,11	6,06
Stat	GO	GO	GO	GO	GO	GO	GO	100,0 %	-	-	-	-	-

Export PDF
Export Excel
Delete
Back
?

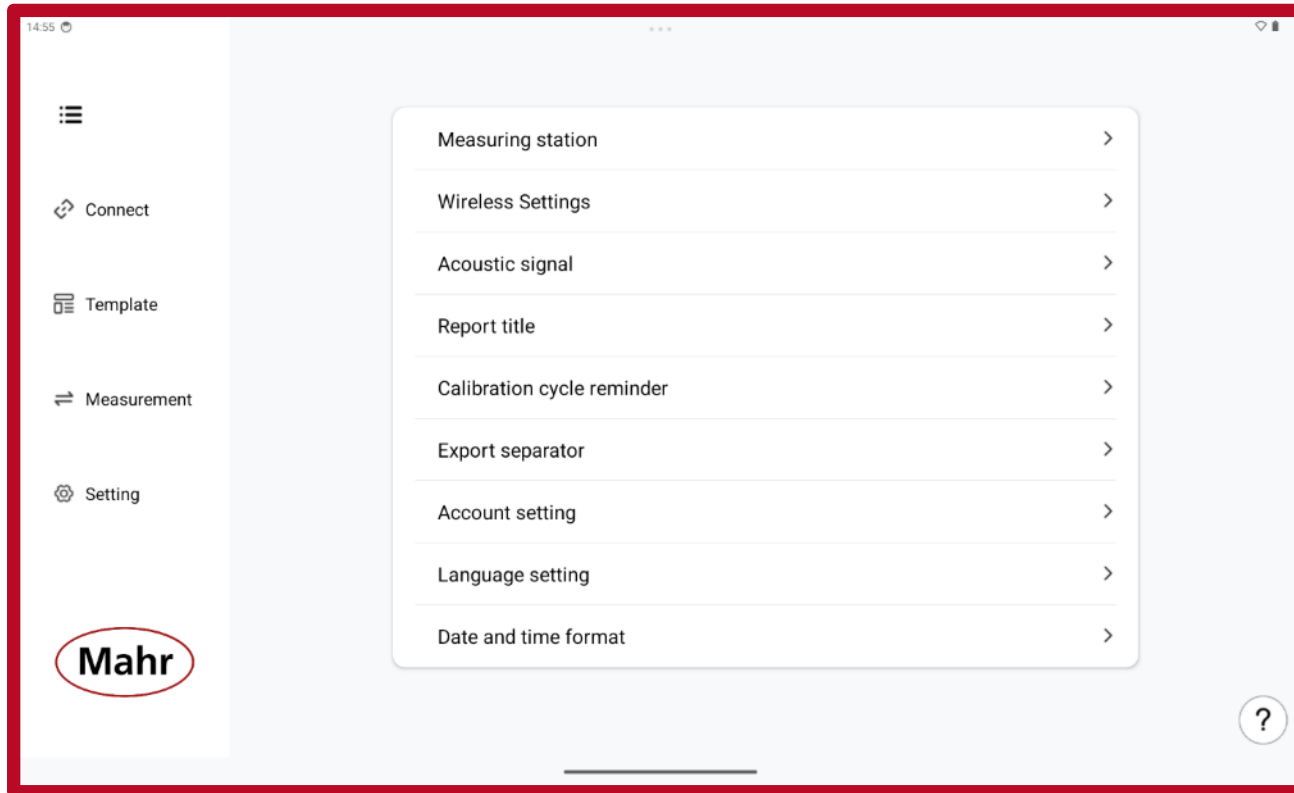
Manage measurements

- Export series of measurements as PDF
- Export series of measurements as Excel file
- Delete serie of measurements

	Mahr	14-03-2025
Messung		
Product quantity	10	
Part Name	ABC-98701	
Info	Feature	
Unit	mm	
Custom input		
ITEM/TOL	L20	L12 H1
Tol.	20 0,105 0,555	12 0,043 6,015 0,054 0,436
01	20,04	11,973 6,011
02	19,99	11,998 6,012
03	20,1	11,984 6,012
04	19,72	11,968 6,0117
05	19,82	11,996 6,012
06	20,16	11,975 6,0503
07	20,06	11,979 6,0139

Product quantity	10	
Part Name	ABC-98701	
Info	Feature	
Unit	mm	
Date	14/03/2025	
Custom input		
ITEM/TOL	L20	L12 H1
TOL	20 0,555/0,555	12 -0,043/0 6,015 0,456/0,654
S/N	71020111	71120001 12345678
Order no	4103400	4157120 4346701
01	20,04 14:38	11,973 14:38 6,011 14:38
02	19,99 14:39	11,998 14:39 6,012 14:39
03	20,1 14:39	11,968 14:39 6,012 14:39
04	19,72 14:39	11,996 14:40 6,0117 14:39
05	19,82 14:40	11,975 14:40 6,012 14:40
06	20,16 14:40	11,975 14:40 6,0503 14:40

MarConnect - MarCom APP



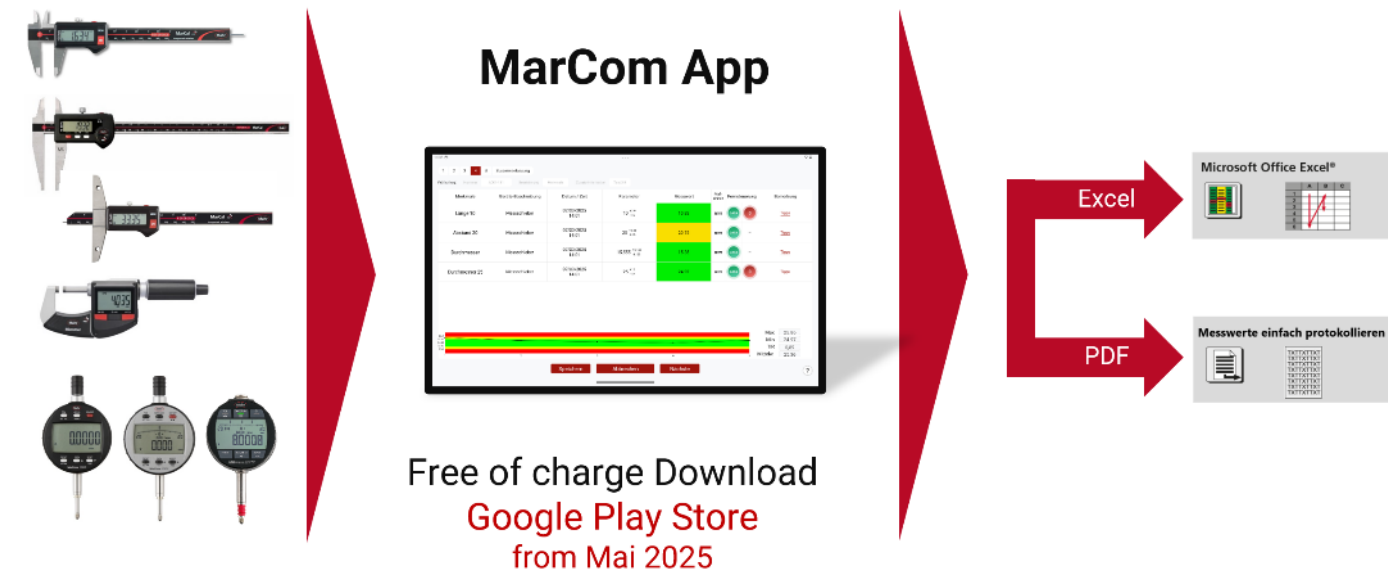
Setting

- Make basic settings

MarCom APP – SMAHRT CONNECTIVITY

Summary

- **Easy connection of up to 8 i-Wireless measuring instrument**
- Clear display of the selected **measuring devices via icons**
- Flexible and convenient data transmission either via the "Data" button on the measuring instrument or via a **button in the app**
- Programmable **measurement sequences**
- **Graphic display of measured values as actual values** with tolerance evaluation and warning limits
- The measured values can be **exported as an xlsx or pdf file**





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