MICROTECH

est. 1995

UKRAINE

MENU
8N
36.337
0

← FORCE 1-20 N

L: 2.1141
177
1.00 1.50 2.00
1.4705
0 MENU

MICROTECH
0 – 25mm   0 –1"
IP65

2D

MENU
1.5337
0

1.5337
133.753
0 MENU

14.1936   average:5.7457
-0.0004   50 points   21

MICROTECH INSTRUMENTS
CONNECTION BOOK

CONTENT

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS
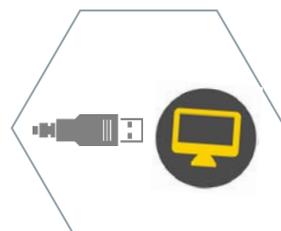
MICROTECH INSTRUMENTS CONNECTIONS
COMPUTERIZED INSTRUMENTS WITH MICS SYSTEM CONNECTION

MICROTECH

WIRELESS data transfer to MICROTECH
MDS app for Windows, Android, iOS

FREE SOFTWARE
Windows · iOS · android

SAVING DATA TO XLS. CSV FORMATS

TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE

TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS

SAVING GRAPH

WIRELESS CONNECTION TO MDS APP

WIRELESS HID CONNECTION

USB HID CONNECTION
Windows

NO DONGLE
iOS · android · LINUX · macOS

WIRELESS HID and USB HID data transfer (like keyboard) direct to any customers app and system

TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE

TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS

TRANSFER DATA TO ANY BROWSWE OR APP

MODBUS PLC CONNECTION
RELEASE: MAY 2023
Modbus

CONNECTION STATUS INDICATION

WIRELESS DISCONNECTED

USB HID DISCONNECTED

WIRELESS CONNECTED

USB HID CONNECTED

WIRELESS HID CONNECTED

MICROTECH

MDS iOS FUNCTIONS iOS

VOICE MODE

MULTILANGUAGE

MAX 50M DISTANCE

MAX 8 INSTRUMENTS CONNECTION

FREE 2 INSTRUMENTS CONNECTION

GRAPH MODE

SAVING DATA TO XLS, CSV

NO USB-DONGLE REQUIRED
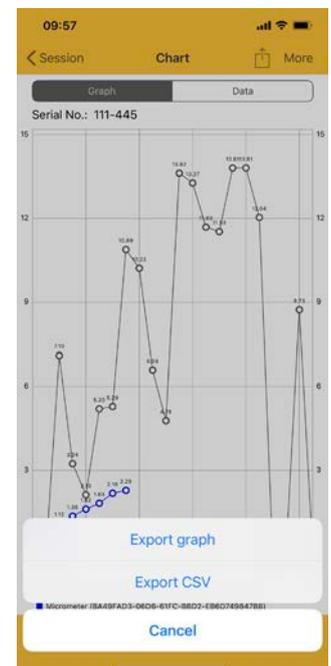
FUNCTIONS

MDS for iOS		
	FREE	**PRO**
	299100060	299100070
Platform	iOS	
Max. instruments	2	**8**
mm/inch conversion	+	+
Max Distance, m	up to 50m	
Foot-Switch connection	-	-
Display value	+	+
Go/NoGo functions	+	+
Graphical mode	+	+
Timer	+	+
Measuring history	+	+
Save data to csv	+	+
Save graph	+	+
User manager	+	+
Device battery status indication	+	+
Voice mode	+	+
Multilanguage	English, Ukrainian, Russian	

4

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

VIDEO

DEMO video with Installation, Connection and Measuring process

VIDEO

APP INSTALLATION

Install the latest MDS App from App Store.
Standard version (2 connections) for FREE.
PRO version of MDS_app for iOS can be order throw App Store.

Download on the App Store

INSTALL

APP ACCESS

Confirm application access to Bluetooth module of Smartphone.
Make sure that Bluetooth is switched on (App request it to receiving data from Wireless and Computerized MICROTECH instruments
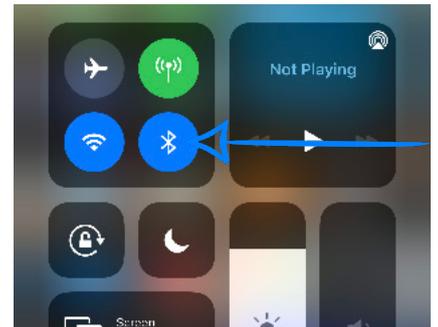
INSTRUMENTS CONNECTION

COMPUTERIZED INSTRUMENTS CONNECTION

• The distance between the Computerized MICROTECH instrument and the iOS device is 7-50 meters depends on transfer mode and premises conditions
• All MICROTECH Computerized instrumetns with MICS system has internal memory. It's possible to collect data to memory and transfer all data to your device with no data losing to any distance.
• Computerized MICROTECH instruments have only **STANDARD MODE** of Wireless data transfer:
- non-stop data transfer 4 value/sec.

WIRELESS DIGITAL INSTRUMENTS CONNECTION

• Distance between the Wireless MICROTECH instrument and iOS device is 5-25 meters depends of transfer mode and premises conditions
MICROTECH Wireless instruments have 2 modes of data transfer:
STANDARD MODE
- non stop data transfer 4 times/sec
- CR2032 battery works in non stop data transfer up to 100h
ECONOMY MODE
- data transfer only by Wireless button press
- CR2032 battery works in this mode up to 6 months

We recommend to use ECONOMY MODE for MICROTECH Wireless instruments

Add MICROTECH instruments to DEVICES list:

- Switch on the MICROTECH instrument. Activate Wireless mode on instrument.
- Open DEVICES menu in MDS App and TAP SEARCH button
- Wireless devices around the Smartphone will be displayed.
- Find desired device with MICROTECH name and **+** button in app to add it.
- You can add any qty of instruments to Device list.

Devices

Caliper 3
D71B0469-3C18-5FCE-D00F-ED591C240A24
Caliper 3

Micrometer
CA108D1B-7306-AE66-91CE-F97157520F8A
Micrometer

Indicator 1
88D6F498-873E-3785-B0A6-2B2C3ED2DF5C
Indicator 1

AVAILABLE

MacBook Pro — Sergii
39E79EE5-5E15-D644-CD79-2F961F23C5F1

MICROTECH   +
02539385-3148-5CA8-E9A6-3D4716A5C5BA

Unnamed   +
97A2CEB4-5398-23B6-726A-E65458EA4760

Unnamed   +
82040688-95F8-C60E-C552-5F629A74061E

Mi Smart Band 5   +
2247F66D-2766-7F38-9AD4-F6E811583468

CANCEL

Session History Devices Users More

Start SESSION:

- Select one of available devices (added to devices list before)
- For using Wireless instruments (non Computerized electronics) recommended to select «**Energy saving mode**».
- Don't use «**Energy saving mode**» with Computerized instruments
- In FREE version you can use up to 2 instruments in a session at the same time.
- In PRO version you can use up to 8 instruments in a session at the same time.

Energy saving mode selection

Instrument selection
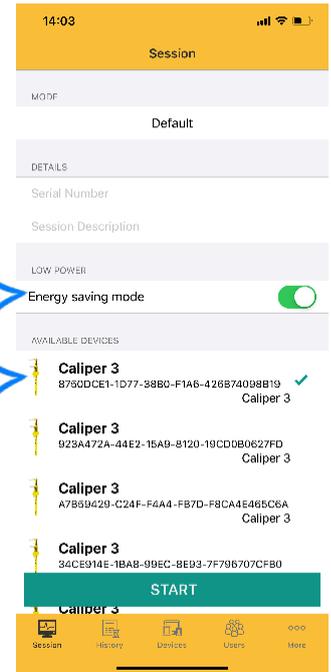
14:03

Session

MODE
Default

DETAILS
Serial Number
Session Description

LOW POWER
Energy saving mode

AVAILABLE DEVICES

Caliper 3
8750DCE1-1D77-38B0-F1A6-426B74098B19
Caliper 3

Caliper 3
929A472A-44E2-15A9-8120-19CD0B0627FD
Caliper 3

Caliper 3
A7B69429-C24F-F4A4-FB7D-F8CA4E465C6A
Caliper 3

Caliper 3
34CE914E-1BA8-99EC-8E93-7F796707CFB0

START

Caliper 3
Session History Devices Users More

MEASURING PROCESS AND DATA SAVING

When SESSION started you can receive data from connected instruments.
In **Standard mode** (data transferring non-stop 4 times/sec) for saving value:
- press the button or tap Touchscreen on instruments
- tap to actual value area on MDS App
- save values by Timer on App or instrument
- receive values from internal memory of instruments

In **Energy saving mode** for saving values:
- Press Wireless button on instrument

14:59
Cancel   Session Settings   Done
Read on timer 1
Synchronous reading

Activate Graphical mode

14:04
More   Session   Graphics Finish

Synchronize reading values and activate Timer

Micrometer
02539385-3148-5CA8-E9A6-3D4716A5C5BA

0.289
last: 0.289
min: 0.000 avg: 0.144 max: 0.289

Actual display the current values

Caliper 3
89CF24FD-2264-19A4-9704-876F57233ABC

24.0150
last: 13.6500
min: 13.6500 avg: 13.6500 max: 13.6500

Basic statics

14:04
Cancel   Acquisition Settings   Done
Low value boundary
0.0
High value boundary
0.0
Retries 1

Saved to memory data

0.289
Micrometer
(02539385-3148-5CA8-E9A6-3D4716A5C5BA)

Session History Devices Users More

MICROTECH
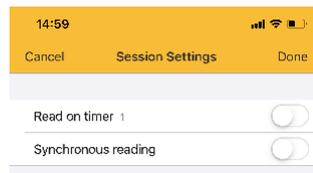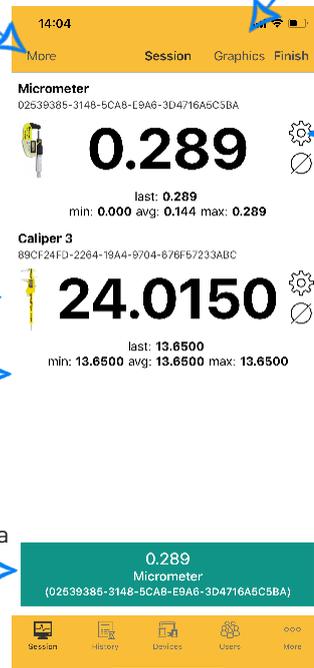
GRAPH AND DATA MODE

Tap Graph button to activate the Graphical mode.
- view graph
- export graph
- view and export actual data
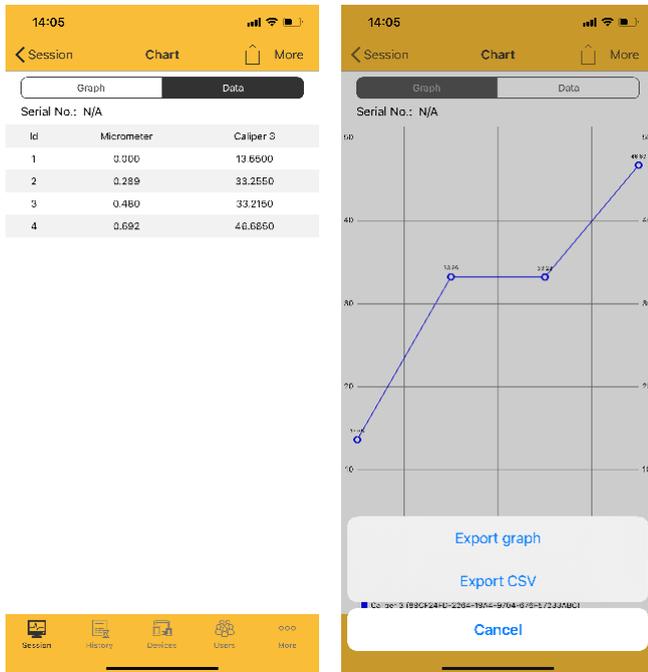
HISTORY

You can save current SESSION to HISTORY. All saved sessions and values in HISTORY can be viewed and exported.

SETTINGS:

Use SETTINGS menu to select Language, Units (Metric or inch system), TTS settings (Voice mode), Display rotation, Backlight, etc.
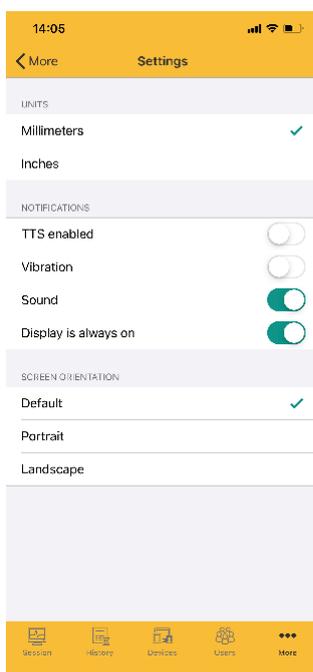
ACCOUNTS:

You can create users account by account menu. Info about Users displaying in measuring History. Measuring history can be associate with Users.

MULTILANGUAGE

VOICE
MODE

MAX **50m**
DISTANCE

MAX **8**
INSTRUMENTS
CONNECTION

FREE
2 INSTRUMENTS
CONNECTION

GRAPH
MODE

SAVING DATA
TO XLS, CSV

NO USB-DONGLE
REQUIRED
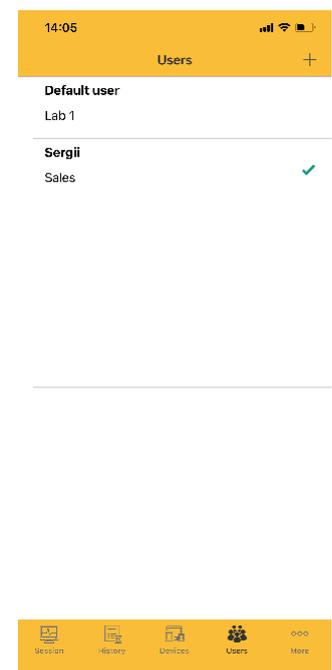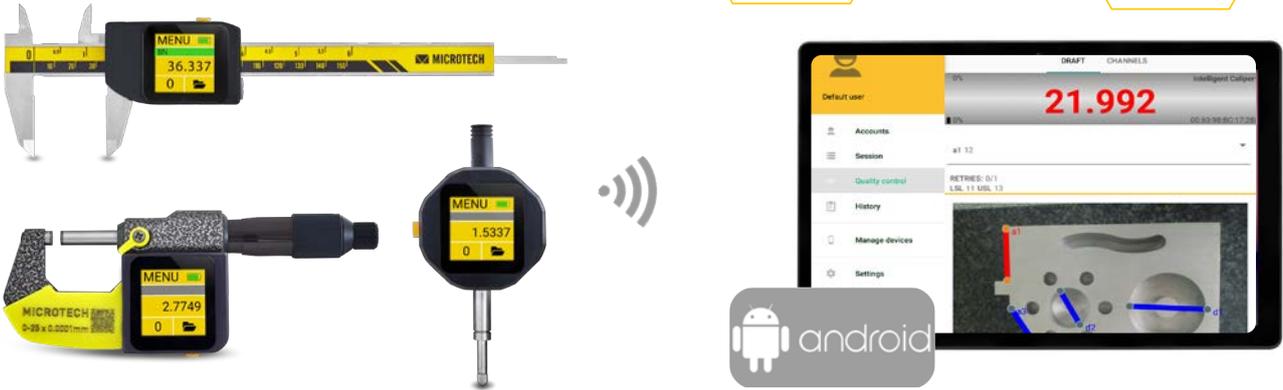
FUNCTIONS

MDS for Android		
	FREE	PRO
	299100040	299100050
Platform	Android 6,0 +	
Max. instruments	2	**8**
Energy saving mode	+	+
Max Distance, m	up to 50m	
mm/inch conversion	+	+
Go/NoGo functions	+	+
Graphical mode	+	+
Reading on Timer	+	+
Measuring history	+	+
Save data to xls	+	+
Save data to csv	+	+
Save graph	+	+
User manager	+	+
Device battery status indication	+	+
Quality control mode	+	+
Import & processing details draws, photos	+	+
Voice mode	+	+
Multilanguage	English, Spanish, French, Italian, Ukrainian, Russian, Chinese, Korean, Turkish, Czech, Poland, Hungarian, etc.	
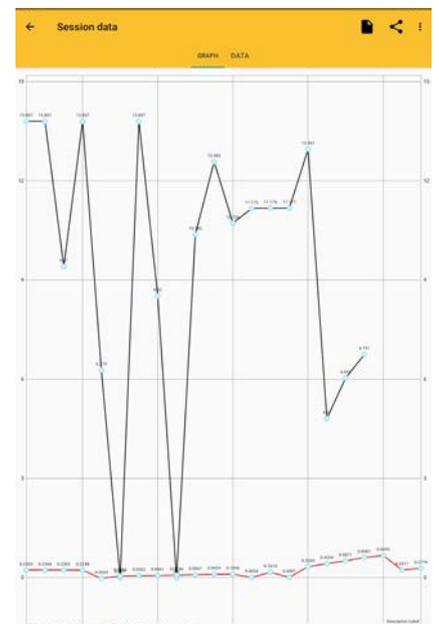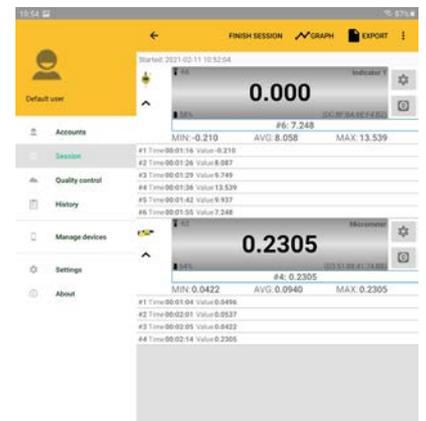
MDS ANDROID INSTALLATION

VIDEO

DEMO video with Installation, Connection and Measuring process

VIDEO

APP INSTALLATION

Install the latest MDS App from GooglePlay.
Standard version (2 connections) for FREE.
PRO version of MDS_app for iOS can be order throw GooglePlay.

INSTALL

APP ACCESS

Confirm application access to Bluetooth module of Smartphone.
Make sure that Bluetooth and Location are switched on (App request it to receiving data from Wireless and Computerized MICROTECH instrumetns)
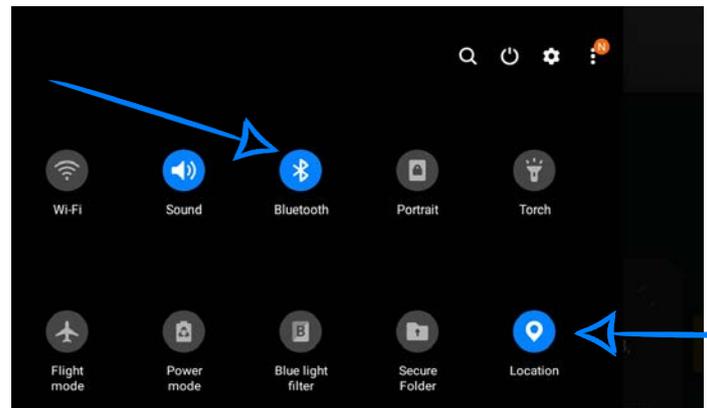
INSTRUMENTS CONNECTION

COMPUTERIZED INSTRUMENTS CONNECTION
• The distance between the Computerized MICROTECH instrument and the Android device is 7-50 meters depends on transfer mode and premises conditions
• All MICROTECH Computerized instrumetns with MICS system has internal memory. It's possible to collect data to memory and transfer all data to your device with no data losing to any distance.
• Computerized MICROTECH instruments have only **STANDARD MODE** of Wireless data transfer:
- non-stop data transfer 4 value/sec.

WIRELESS DIGITAL INSTRUMENTS CONNECTION

• Distance between the Wireless MICROTECH instrument and Android device is 5-25 meters depends of transfer mode and premises conditions
MICROTECH Wireless instruments have 2 modes of data transfer:
STANDARD MODE
- non stop data transfer 4 times/sec
- CR2032 battery works in non stop data transfer up to 100h
ECONOMY MODE
- data transfer only by Wireless button press
- CR2032 battery works in this mode up to 6 months

We recommend to use ECONOMY MODE for MICROTECH Wireless instruments

Add MICROTECH instruments to DEVICES list:

- Switch on the MICROTECH instrument. Activate Wireless mode on instrument.
- Open MANAGE DEVICES menu in MDS App and Press SEARCH button
- Wireless devices around the Tablet or Smartphone will be displayed.
 If you can't find any Wireless device around - check App setting (Bluetooth and Location must be switch on)

- Find desired device with MICROTECH name and MAC adress and touch **✚** button in app to add it.
- You can add any qty of instruments to Device list.
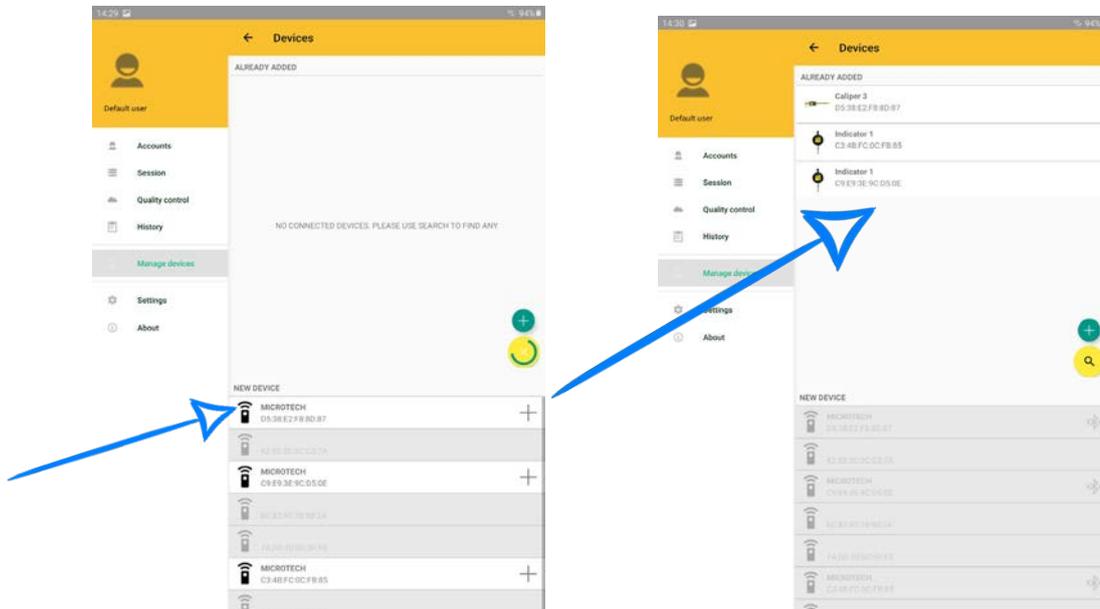
Start SESSION:

- Select one of available devices (added to devices list before, if necessery press + to add more)
- For using Wireless instruments (non Computerized electronics) recomended to select «**Energy saving mode**».
- Don't use «**Energy saving mode**» with Computerized instruments
- Radius and Formula mode can be used for special measurings
- In FREE version you can use up to 2 instruments in a session at the same time.
- In PRO version you can use up to 8 instruments in a session at the same time.

MEASURING PROCESS ![android]

MEASURING PROCESS AND DATA SAVING

When SESSION started you can receive data from connected instruments.
In **Standard mode** (data transfering non-stop 4 times/sec) for saving value:
- press the button or tap Touchscreen on instruments
- tap to actual value area on MDS App
- save values by Timer on App or instrument
- receive values from internal memory of instruments
In **Energy saving mode** for saving values:
- Press Wireless button on instrument

Activate Graphical mode

Export saved values to csv

Synchronize reading values and activate Timer

Actual display the current values
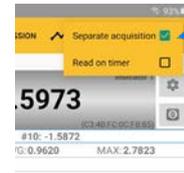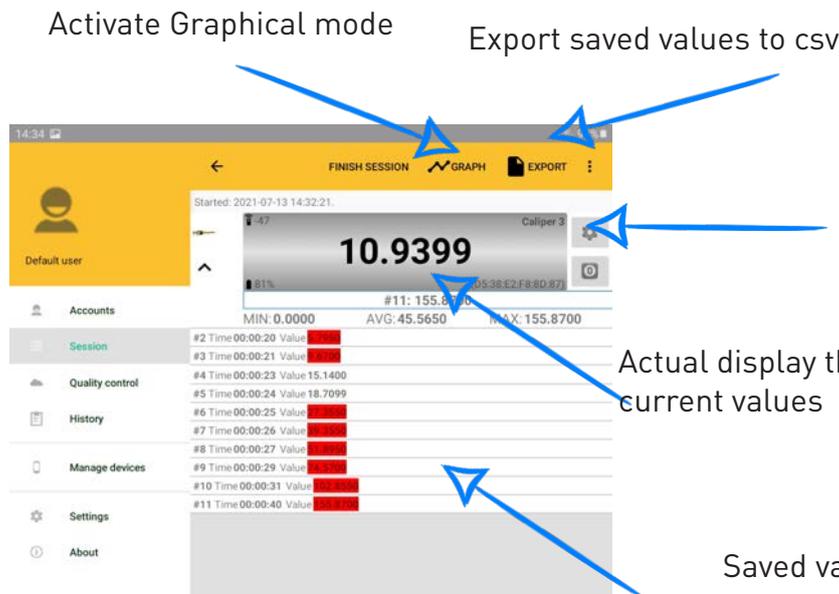
Saved values

GRAPH MODE

Tap Graph button to activate Graphical mode.
- possbile to view online values updates on Graph
or view the saved values from SESSION window
- graph settings gives possibility show legend and time axis on graph.
- export graphic in png format
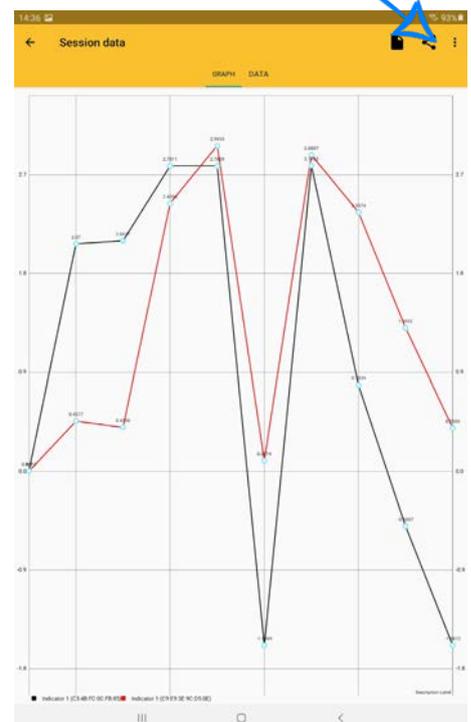
HISTORY

You can save current SESSION to HISTORY.
All saved sessions and values in HISTORY can be viewed and exported.

MICROTECH
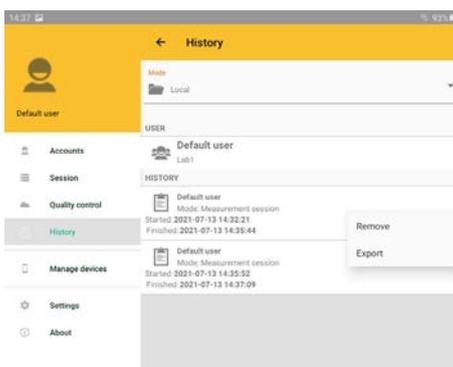
QUALITY CONTROL MODULE ON MDS Android Software gives new possibilities of metrological control:

- make control according draw or photo with established dimensions and limits
- draft creation
- choosing instruments for different dimensions control
- control for partial goods
- extended statistic and data saving possibilities

QC

HOW TO ADD NEW DRAFT

ADD NAME AND DESCRIPTION
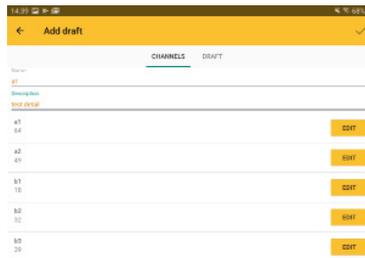
SELECTING PHOTO OR DRAW FROM MEMORY OR CAMERA
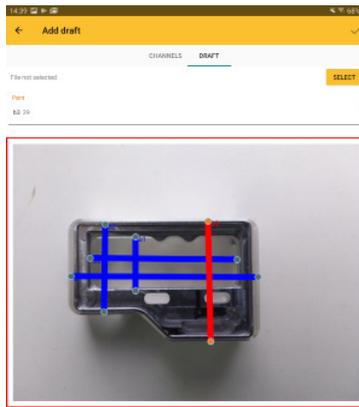
ADDING POINTS TO DRAW (MANUAL POSITIONING)

ADD CHECKING POINTS

QUALITY CONTROL PROCESS
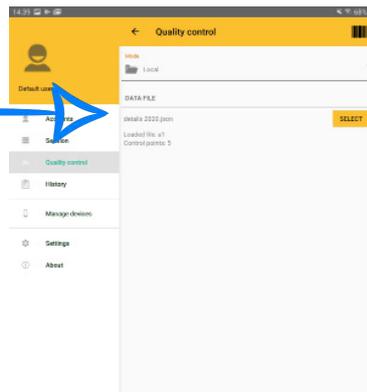
ACTUALIZING INSTRUMENT TO EACH POINTS

DRAFT SELECTING

SAVING PROTOCOL

45.638
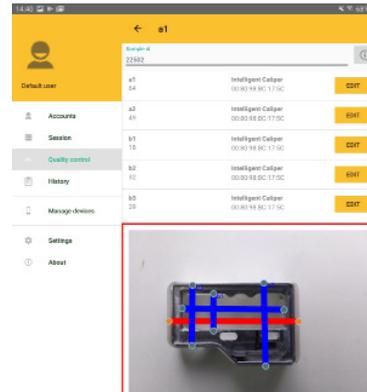
MEASURING PROCESS
-Go/NoGo color indication
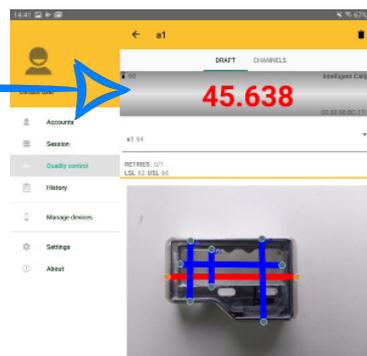
CONTROL RESULTS TO EACH POINTS

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

android
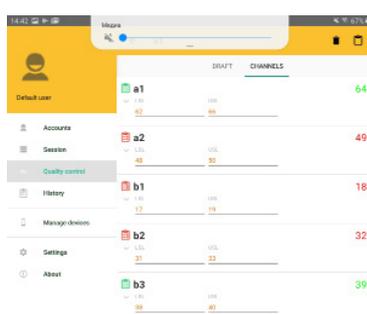
SETTINGS:

Use SETTINGS menu to select Language, Units (Metric/ inch system), TTS settings (Voice mode), Display rotation, Backlight, etc.
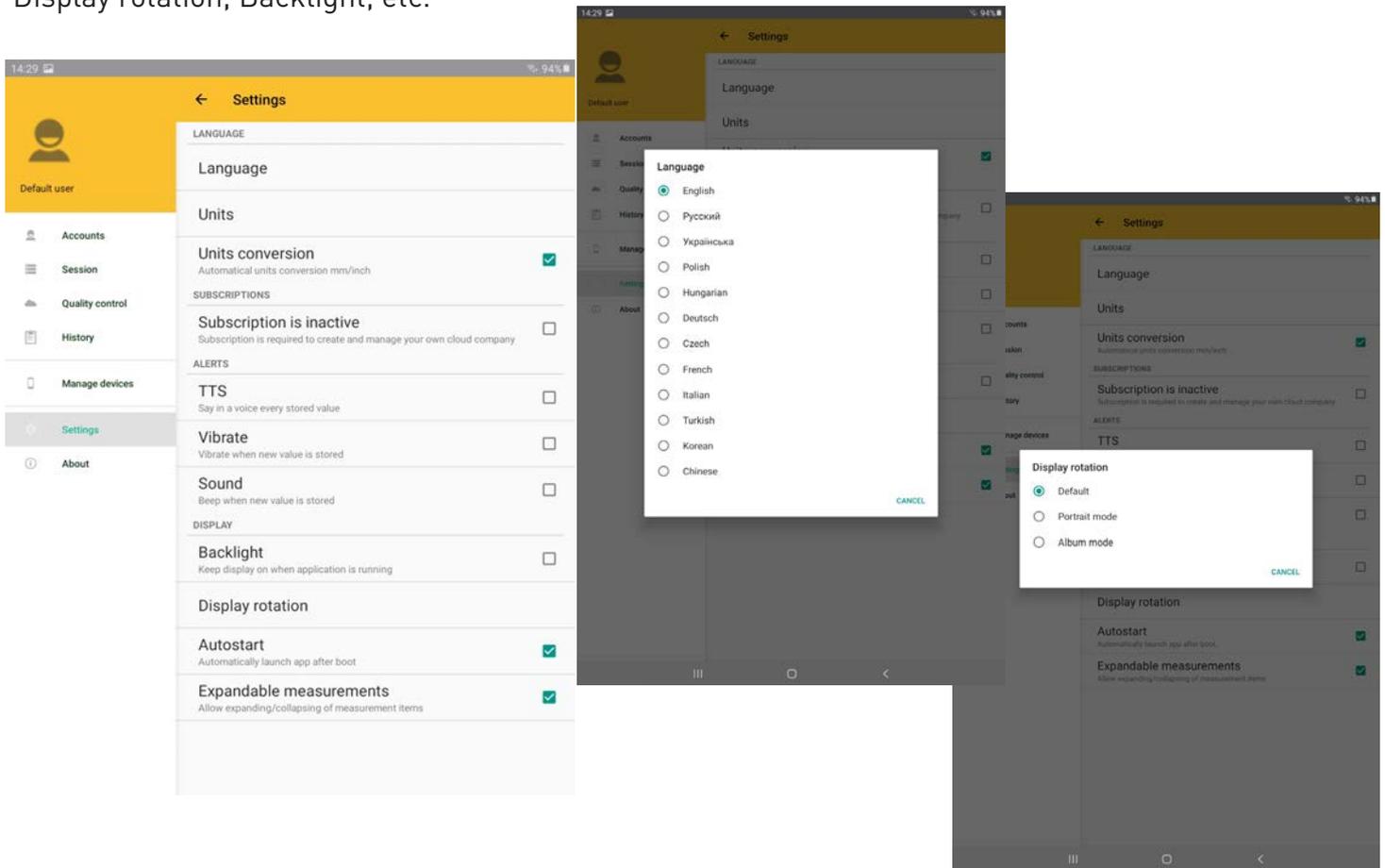
ACCOUNTS:

You can create users account by account menu.
Info about Users displaying in measuring History.
Measuring history can be associate with Users.

MULTILANGUAGE

RESEND DATA
TO ANY WINDOWS APP

MAX 50M
DISTANCE

FOOTSWITCH
CONNECTION

MAX 32
INSTRUMENTS
CONNECTION

2D GRAPH

SAVING DATA
TO XLS, PDF, CSV

UP TO 8 USB DONGLES

USB-DONGLE
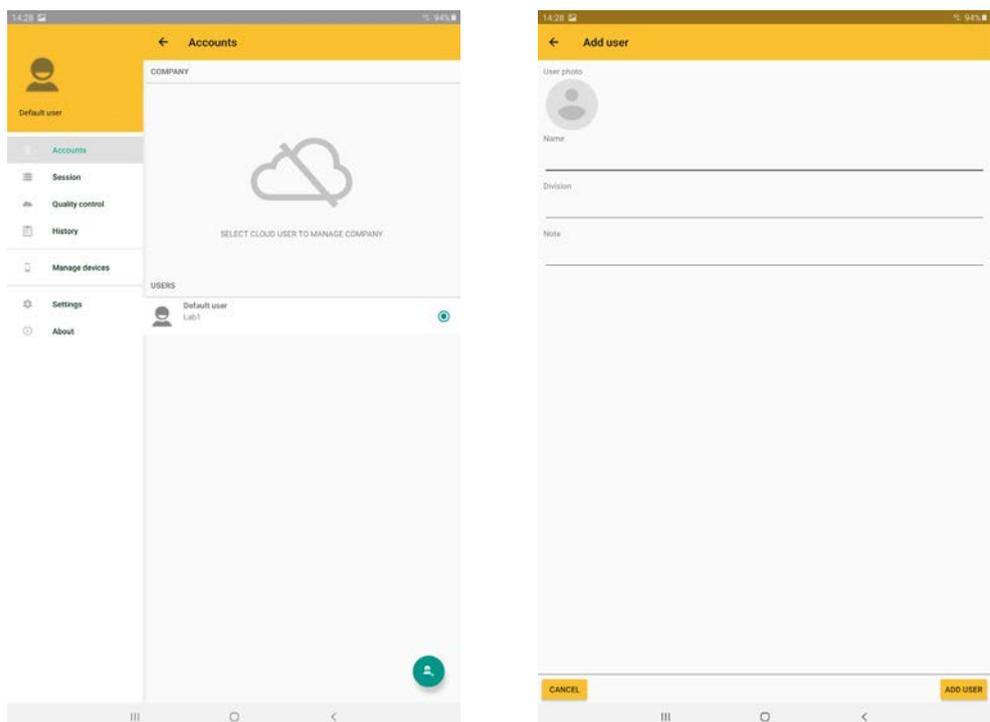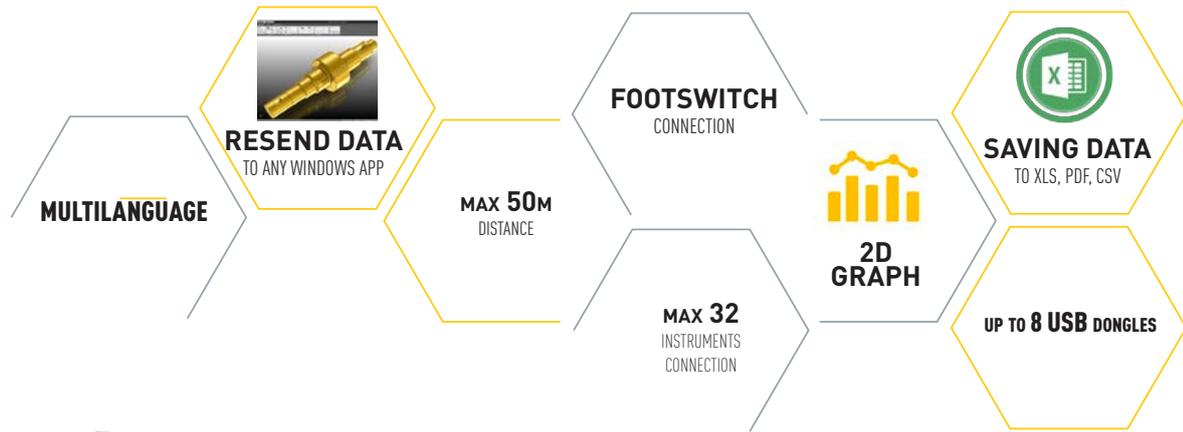
FUNCTIONS

MicrotechData for Windows			
	FREE	**STANDARD**	**PRO**
	299100530	299100550	299100570
Platform	Windows 7, 8, 10		
Max. instruments	1	4	**32**
USB-dongles (max qty)	1	1	8
Standard/Energy saving mode	+	+	+
Max Distance, m	up to 50m		
Autoconnection	+	+	+
Filtering non MICROTECH devices	+	+	+
Data reading Synchronizing	-	+	+
User manager	+	+	+
Foot-Switch connection	+	+	+
mm/inch conversion	+	+	+
Go/NoGo functions	+	+	+
Graphical mode	-	+	+
2D-Graphical mode	-	+	+
Timer	+	+	+
Resolution selection	+	+	+
Export to external programs	+	+	+
Save data to csv	+	+	+
Save data to xls*	+	+	+
Save data to pdf*	+	+	+
Save graph png	-	+	+
Multilanguage	Українська, Русский, English, Deutsch, Italiana, Española, Český, Türk, Polski, Français, Magyar		
Supplying	microtech.ua	USB-drive	USB-drive

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS
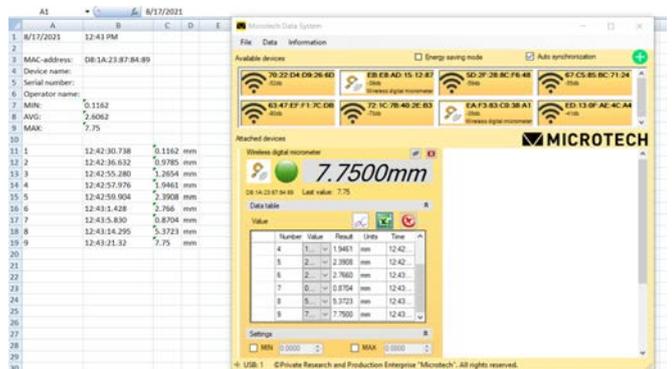
MDS INSTALLATION VIDEO

DEMO video with Installation, Connection and Measuring process

VIDEO

APP INSTALLATION

Download & Install the latest MDS App for Windows from www.microtech.ua
or order PRO and STANDARD version from nearest MICROTECH distributor

FIND YOUR DISTRIBUTOR

Download Windows App

DOWNLOAD FREE VERSION

ACCESORIES FOR MDS APPLICATION

Item No	Type
299100550	MDS 5.0 **STANDARD** app for Windows
299100570	MDS 5.0 **PRO** app for Windows
299190001	USB-Dongle for Windows
299190004	1m Cable extension for USB-Dongle
299190000	USB-Footswitch for Windows
299190009	Wireless / USB-Footswitch for Windows

299190001

299100580

299190004

299190000

CONNECTION SET

STANDARD MDS data set

STANDARD MDS app

SET for 4 instruments Wireless connection

PRO MDS data set

PRO MDS app

SET for 10 instruments Wireless connection

PRO+ MDS data set

PRO MDS app

SET for 16+ instruments Wireless connection

Item No	Type	Accesories in SET			Recommended (max) connected devices
		Application	USB-dongles	Cable-Extentions	
299110504	STANDARD MDS data set	MDS 5.0 **STANDARD** app for Windows	1	1	4
299110810	**PRO** MDS data set	MDS 5.0 **PRO** app for Windows	2	2	10 (16)
299110840	**PRO+** MDS data set		4	4	16 (32)

USB DONGLE CONNECTION ⊞ Windows
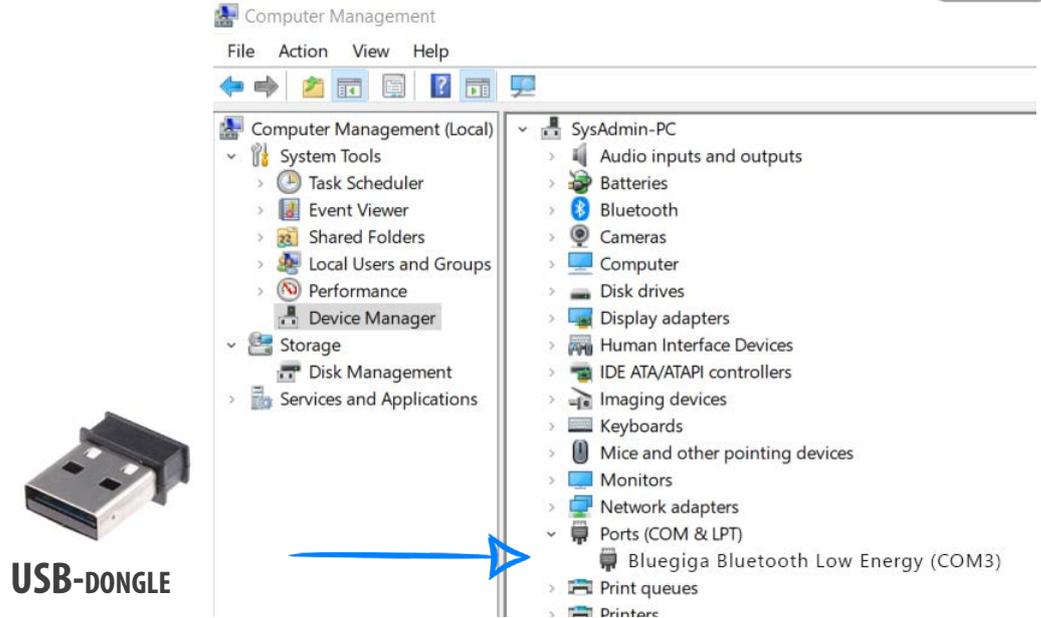

USB-DONGLE

To connect instruments to PC, it is necessary to use USB-dongle on PC (*Item 299190001*)
Connect USB -dongle to PC
-Check driver status on device manager
-In MDS software you can check how many USB-Dongle is active.
When USB-Dongle connected - all wireless devices around you will be displayed automatically

WITHOUT USB DONGLE CONNECTION
NO VISIBLE SURROUNDING WIRELESS DEVICES
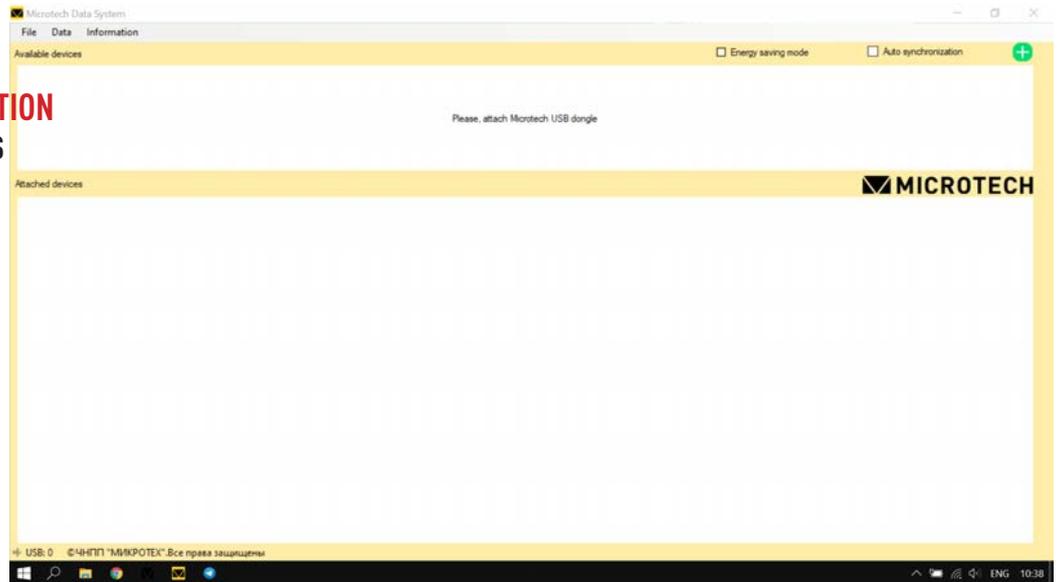
USB DONGLE CONNECTED
VISIBLE SURROUNDING WIRELESS DEVICES
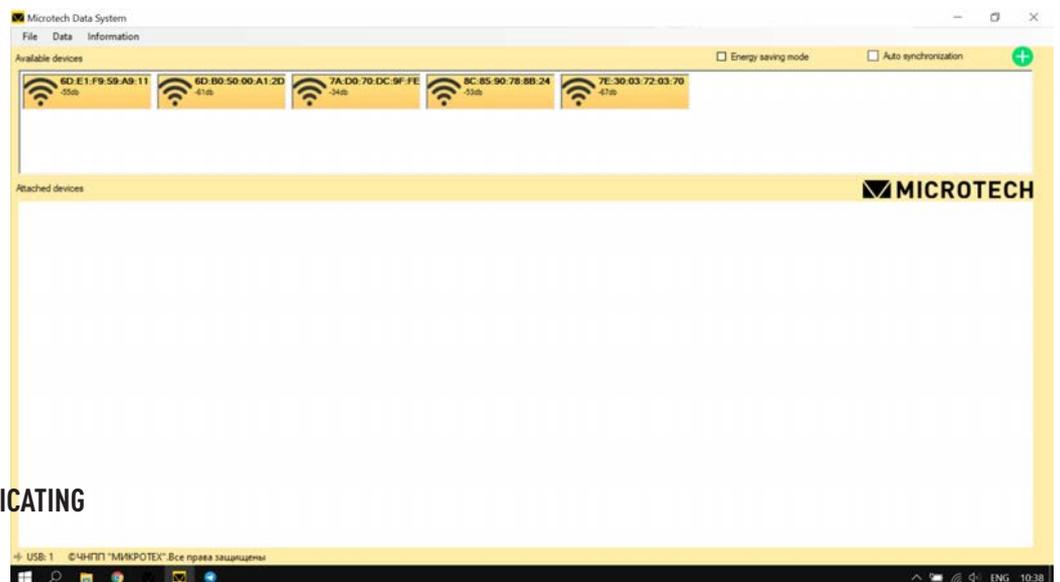
USB-DONGLE

QTY OF CONNECTED USB-DONGLES INDICATING

INSTRUMENT CONNECTION

Switch on Wireless data transfer on MICROTECH instruments
-in COMPUTERIZED instruments using menu;
-in WIRELESS instruments by holding the button for 2 seconds

WIRELESS instruments

switch on

2 sec.

• The device will appear on «Available devices» area
• Move selected instrument from «Available devices» area to «Activated devices» area.
• Activate Auto Synchronization to automatic activating switched on MICROTECH devices
• Select Filtering device mode in Connection menu to view only MICROTECH instruments.

other WIRELESS devices   MICROTECH instruments   Activate Auto synchronization

move to activate
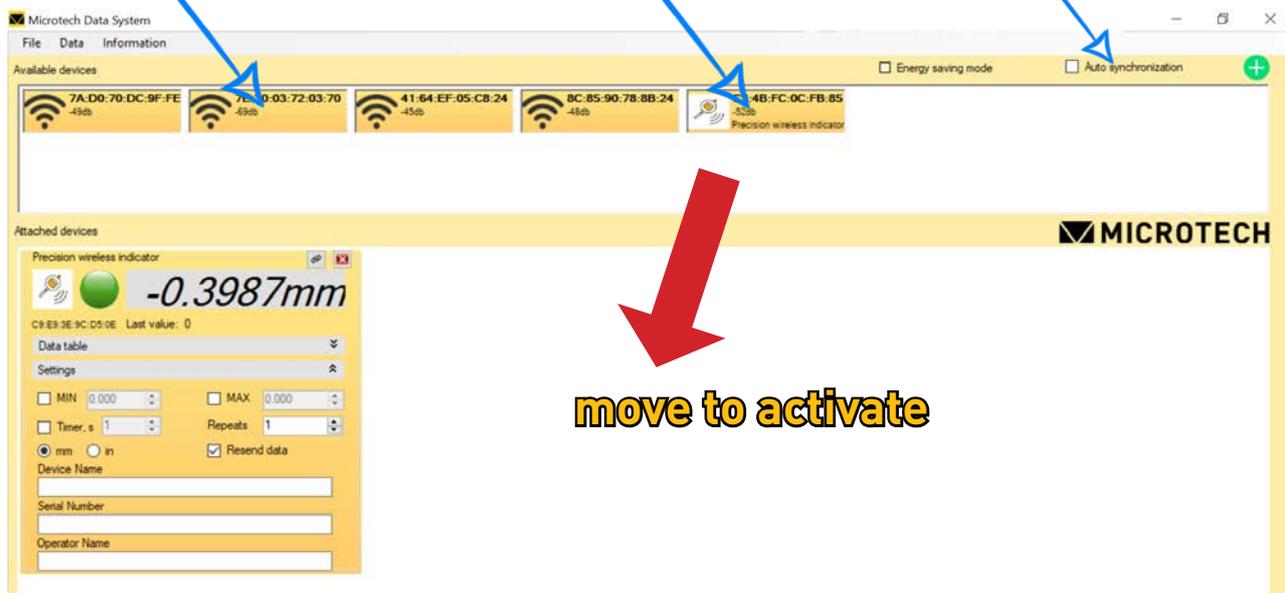
Select Filtering device mode in Connection menu to view only MICROTECH instruments in Avialable devices area
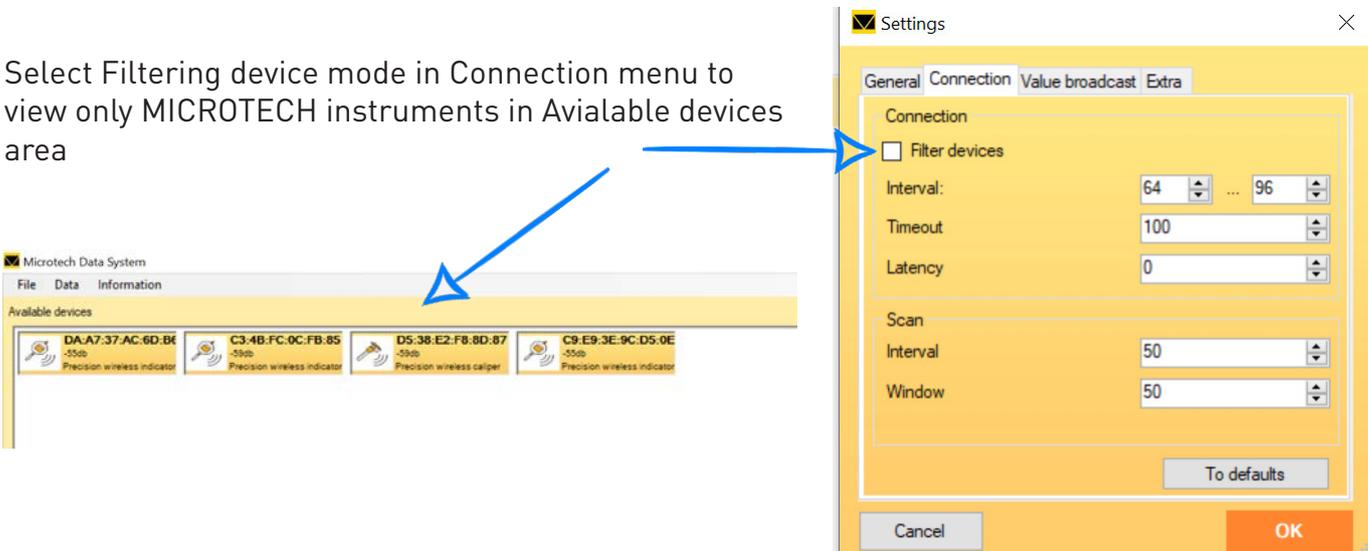
•**ALL** MICROTECH instruments have 2 data transfer modes:
STANDARD - non stop 4 times/sec
ECONOM - by button push only
•You can switch the data transfer mode transfer mode using menu on your device
•Connection status indicating only in STANDARD mode
•ECONOM mode strongly recommended for **WIRELESS** instruments for battery saving
•for **COMPUTERIZED** instruments recomended to use STANDARD mode

Use STANDARD mode for COMPUTERIZED instruments

connecting   disconnecting
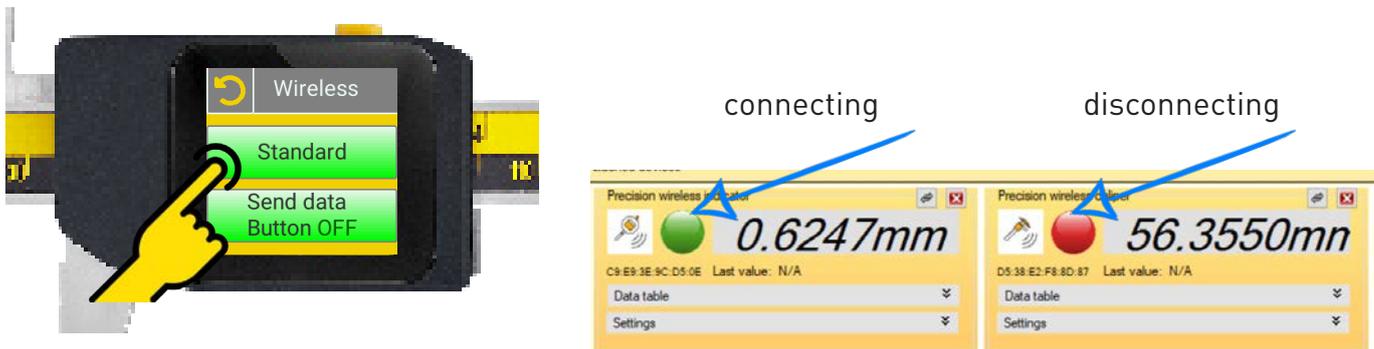
STANDARD mode advantages:
-In **STANDARD** mode data transfer can be executed via pressing the button or use touchscreen on Computerized device, by Timer on Computerized device, by actual value push in Windows app, by Timer in Windows App, by Footswitch in Windows app.
- Possible to view of connection status in app (green - connected, red-disonnecting)
-STANDARD mode is activated by default

ECONOMY mode for WIRELESS instruments

In economy mode the data transfer is carried out only by pressing the button
It is necessary to activate **ECONOM** mode (Energy saving mode) on main screen

MEASURING PROCESS

 Windows

MICROTECH

Connect USB dongle and power on Wireless or Computerized devices.
Wireless and Computerized devices will be appeared in Available devices area
To start data transfer move them to Attached devices area. If Auto synchronization is switched on,
devices will be moved to Attached devices area automatically.
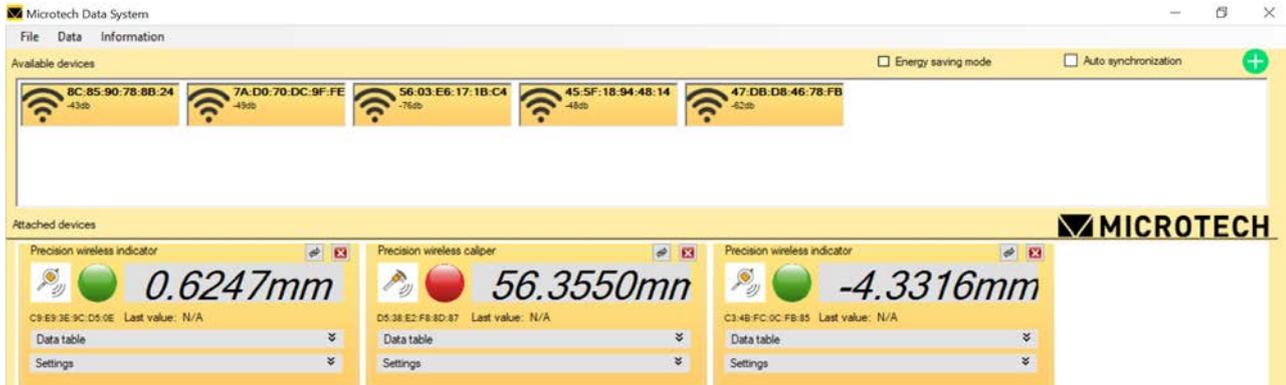
DEVICE WINDOW OPERATIONS

connection status

actual value

Data table area
with saved data from
instrument

Values settings:
- Limit's indication in table
- Timer function
- Resend data to other Windows
app activation
- Device extended info (Device
name, serial No, Operator info)

RESOLUTION & UNIT SELECTION

mm/inch selection

Resolution (Number of digit after decimal point)
selection in Setting menu

WWW.MICROTECH.UA

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How to save values to table in STANDARD mode:

by pressing the button or tapping touch screen on your device
by timer activating inside instrument
by pushing actual value on MDS Windows app
by timer activating on MDS Windows app
by footswitching on MDS Windows app

RESEND VALUES
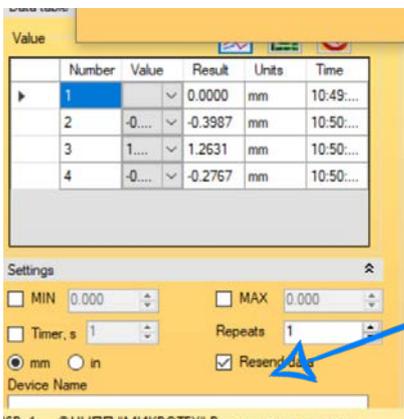
Actual values (receiving from instrument) can be

Activate Resend data

If necessary select value options (Dot/Comma) and Control symbol in Setting menu
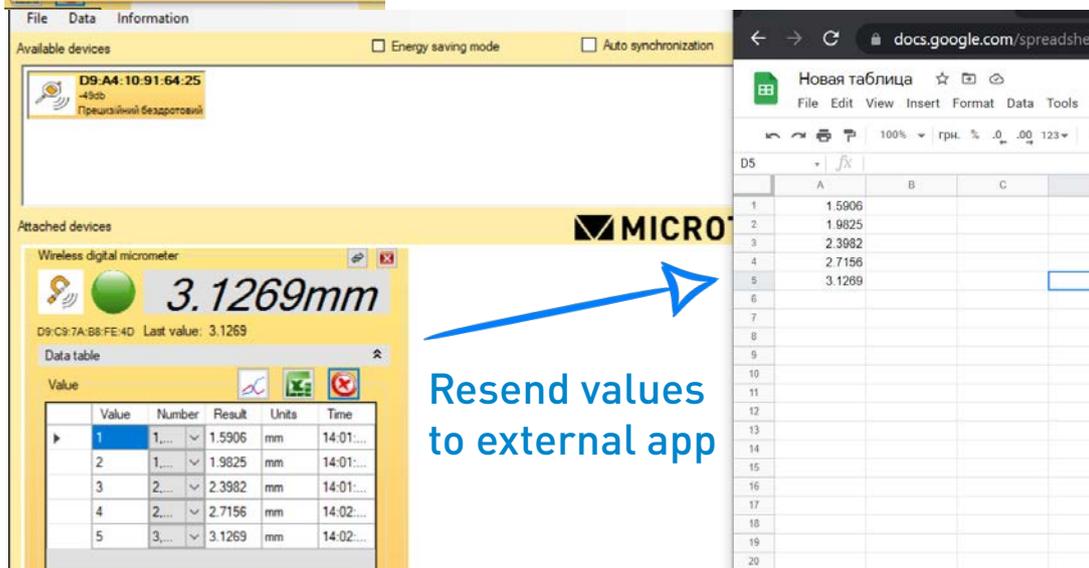
Resend values to external app
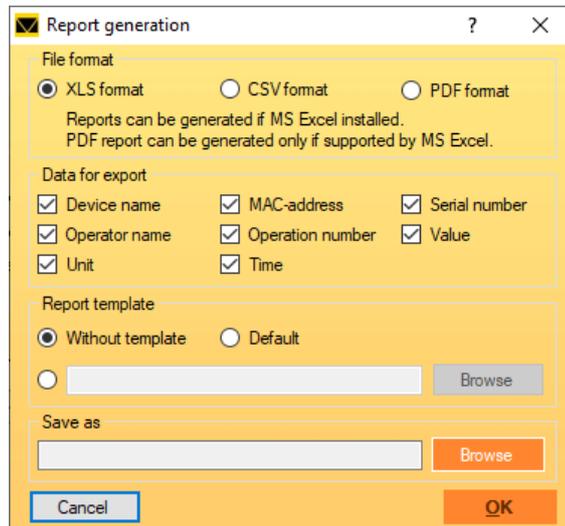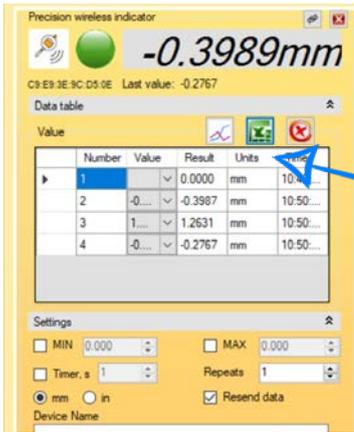
Export saved data table values for external files
Select necessary to save columns on Data for export subsection
csv report can be generated in any Windows PC
xls report can be generated if MS Excel installed on your PC
pdf report can be generated only if supported by MS Excel (the latest versions)

Example of exported xls file
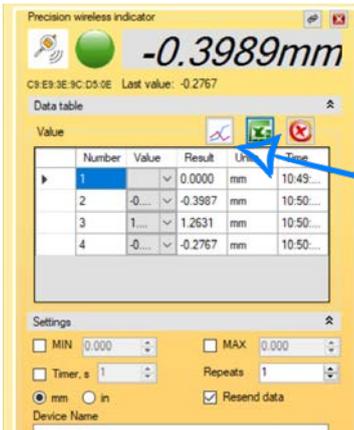
Export saved values to Graph mode
Graph can be saved to png format

Single Graph or Graph with Tutorial.

Simple Graph
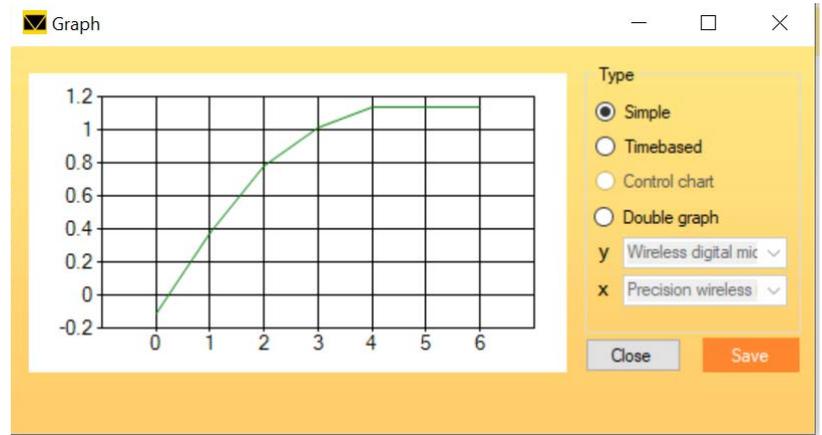
Simple Graph with Timebased
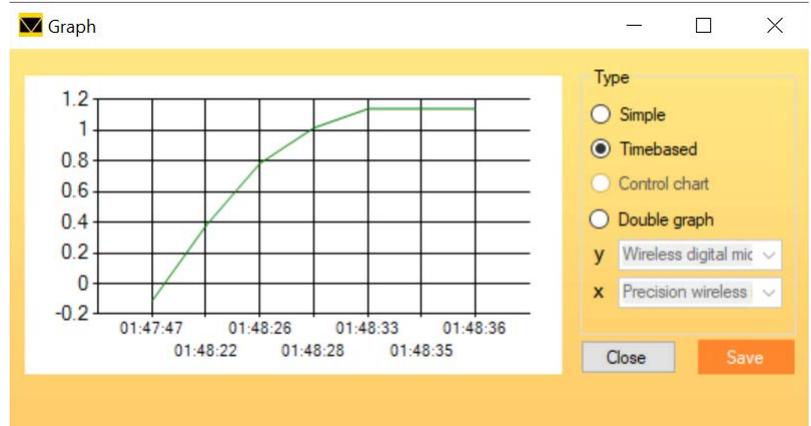
2D Doublegraph
For special measuring solutions

SETTINGS & REGISTRATION Windows
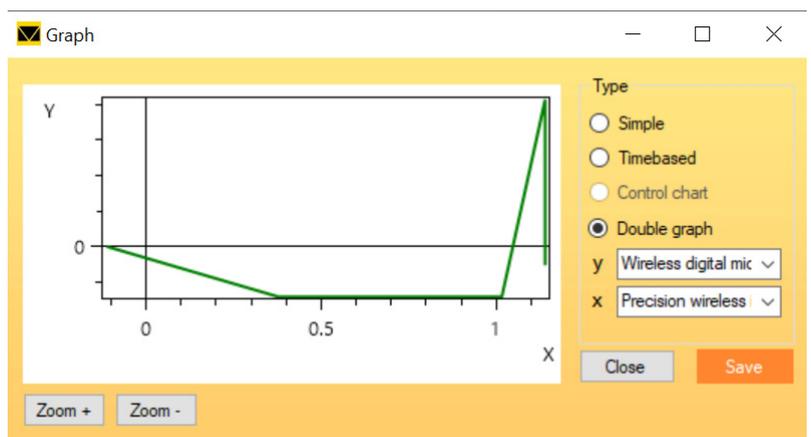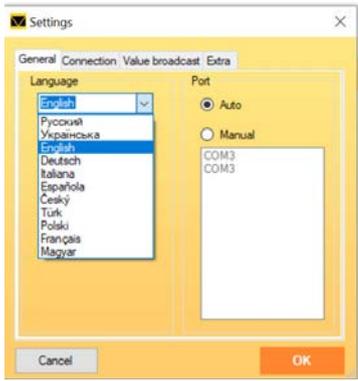
Language selection
in Setting menu

MDS app versions info
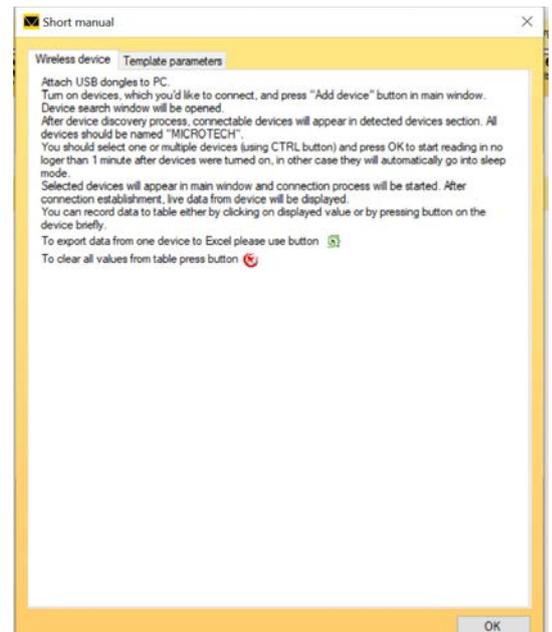
Short guide in Information menu

ACTIVATE PRO version Windows

To activate PRO version (must be pre-paid with your local distributor)

1) Open Register product sub-menu

2) Copy and send activation **UID code** from appllication and **Serial No** from USB-drive to *tool@microtech.ua*

3) After checking we will send to your e-mail activation license key.
Add activation key to activation area and press OK.

UID code

ADD ACTIVATION KEY
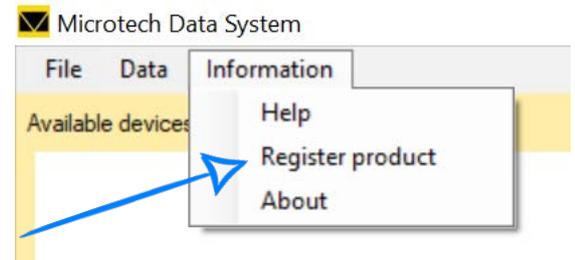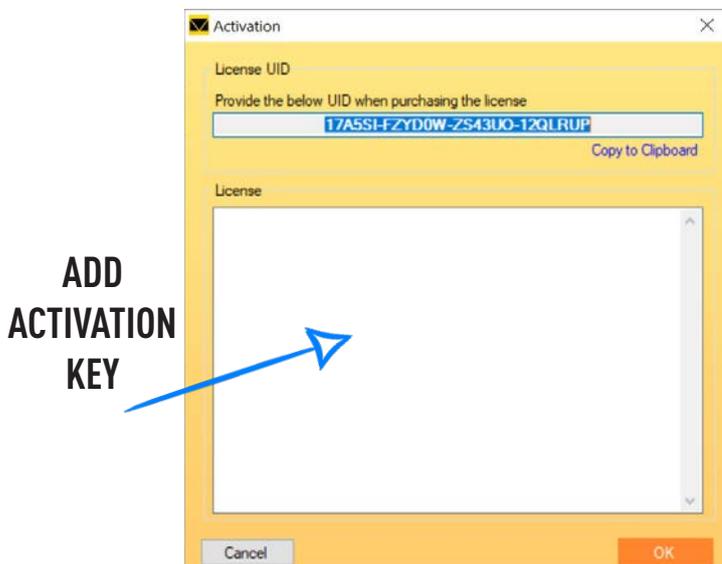
SERIAL No

MICROTECH COMPUTERIZED INSTRUMENTS have **WIRELESS HID** data output to transfer Data direct to any compatible operation systems and applications in keyboard mode.

WIRELESS HID CONNECTION

NO DONGLE

WIRELESS HID data transfer (like keyboard) direct to any customers app and system

Windows
iOS
android
LINUX
macOS

TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE

TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS

TRANSFER DATA TO ANY BROWSWE OR APP
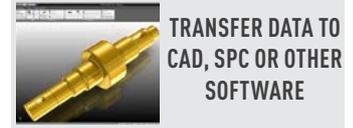
CONNECTION

1) Switch on HID mode in WIRELESS menu
2) Connect MICROTECH device to you PC or Tablet
3) Select settings of Data transfer (Dot/Coma, Trail symbol -Tab, Arr Down, CL-LF)
It gives possibility operate in different localizations, table editors
4) You can direct transfer data to any Windows or other OS application.

Configure
Arr down
Dot

OPERATION

For transfer DATA throw WIRELESS HID you can use some variants:
- Button Push
- Touchscreen Push
- Timer function activation
- Send data from internal memory
- Data tansfer in auto-Force mode (Computerized eForce calipers only)

USB HID DATA TRANSFER

MICROTECH COMPUTERIZED INSTRUMENTS have **USB HID** data output to transfer Data direct to any compatible operation systems and applications in keyboard mode.

USB HID CONNECTION

USB HID data transfer (like keyboard) direct to any customers app and system

Windows	**TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE**
iOS	**TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS**
android	
LINUX	**TRANSFER DATA TO ANY BROWSWE OR APP**
macOS	

CONNECTION

1) Connect micro USB cable from instrument to computer/tablet
USB Cable must be with data transfer wires
2) Activate USB connection mode on COMPUTERIZED instrument
DON't activate USB connection without cable connection
3) Select settings of Data transfer (Dot/Coma, Trail symbol -Tab, Arr Down, CL-LF)
It gives possibility operate in different localizations, table editors
4) You can direct transfer data to any Windows or other OS application.

OPERATION

For transfer DATA throw USB cable you can use some variants:
- Button Push
- Touchscreen Push
- Timer function activation
- Send data from internal memory
- Data tansfer in auto-Force mode (Computerized eForce calipers only)

MICROTECH

MEASURING **HUB**

- **2 DEVICE** indication on main screen
- **FORMULA**
- **SYNCRONIZATION**
- **2D and ON-LINE SYNC GRAPTH**
- **QUICK** autoconnection
- **2 axis MEMORY MANAGER**

HUB

PROBE MODE

- **PROBE MODE**-saving data by Probe Touch
- **AUTO-PROBE MODE** - Touch volue compensation
- quick **WIRELESS** Probe connection

PROBE

2D MODE

- **2 AXIS** measuring
- **SYNC** reading
- **2D GRAPH**
- **2D DATA** transfer
- WIDE **CONFIGURABLE**

2D

HUB connection

1) MASTER device: select in WIRELESS menu **2D-M -** Master device on WIRELESS connection on HUB mode
2) SLAVE device: select in WIRELESS menu **2D-S -** Slave device on WIRELESS connection on HUB mode
3) HUB mode on MASTER device - select requested mode (PROBE, 2D) and Connect SLAVE device

PROBE MODE

A.C.on - Auto Connection active
A.C.off - Auto Connection no active

HUB MODE
A.C,on   Connect
Probe
0.500   Axis X

External Wireless device conneciton

PROBE -Saving data when Probe will reach value
PROBE Auto - Saving data when Probe will reach value with this value compensation
2D - 2 axis data reading
2D Sync- Synchronized 2 axis data reading
Disable - switch off modes

Axis priority selecting
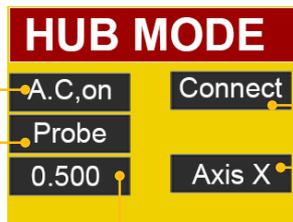
Setting PROBE limit value

2D MODE

A.C.on - Auto Connection active
A.C.off - Auto Connection no active

HUB MODE
A.C,on   Connect
2D Sync   TAB
          Gr. X,Y

External Wireless device conneciton

PROBE -Saving data when Probe will reach value
PROBE Auto - Saving data when Probe will reach value with this value compensation
2D - 2 axis data reading
2D Sync- Synchronized 2 axis data reading
Disable - switch off modes
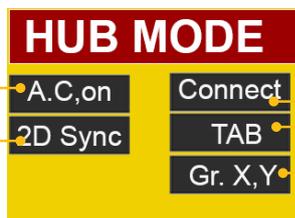
Symbol between Axis

Graphic mode indication setting

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS

FIRMWARE UPDATE

1) Connect USB cable to Windows PC (with data transfer possibilities)
2) Push FIRMWARE UODATE BUTTON to activate process

Push 10 times to FIRMWARE UPDATE

3) You will enter to BOOTLOADER secsion on device
4) Run NordBootloader.exe for WINDOWS file (request from MICROTECH)
5) Click Scan port -> Connect -> 2times Ping (on your device should display some numbers) ->
Cheking -> Update and select *.bin file with lasted firmware that you have been downloaded.
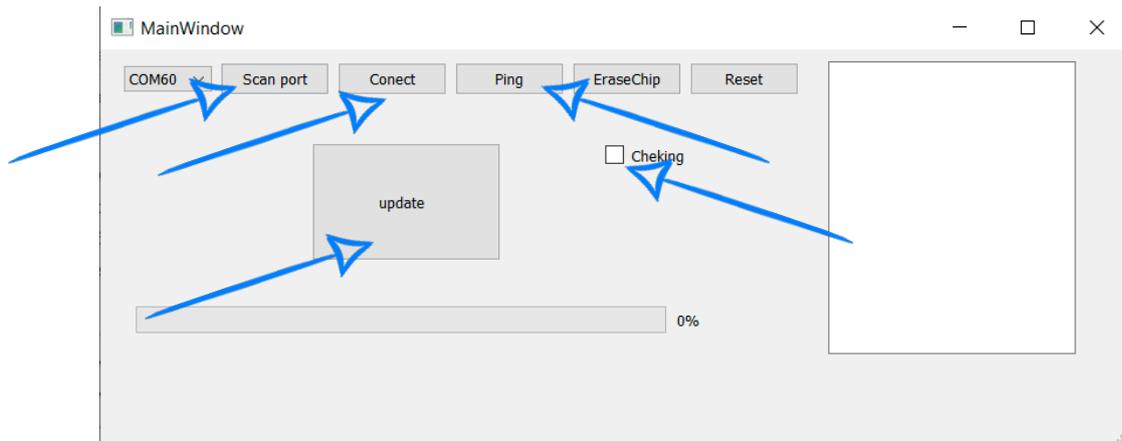
6) After successful flashing will display "Loading finished" on device screen.
Now you can plug off Micro USB

7) After that, you need to reset the device to factory settings.
Tap «RESET TO FACTORY» 10 times.
The firmware update is complete

Push 10 times to RESET device to factory settings

MICROTECH

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tool@microtech.ua

FIND YOUR DISTRIBUTOR

CONTACT US FOR DEVELOP CUSTOM SOLUTIONS