



SAVING DATA TO XLS. CSV FORMATS



TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE



SAVING GRAPH



TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS



WIRELESS AND COMPUTERIZED MICROTECH INSTRUMENTS CONNECTION TO MDS APP FOR WINDOWS

MANUAL

MDS Windows Software by MICROTECH is used for connection MICROTECH Computerized and Wireless instruments to Windows PC

- 
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COMPUTERIZED INSTRUMENTS CONNECTION

- The distance between the Computerized MICROTECH instrument and the Windows PC is 7-50 meters depends on transfer mode and premises conditions
- All MICROTECH Computerized instruments 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 Windows PC 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

- Available **FREE**, **STANDARD** and **PRO** versions

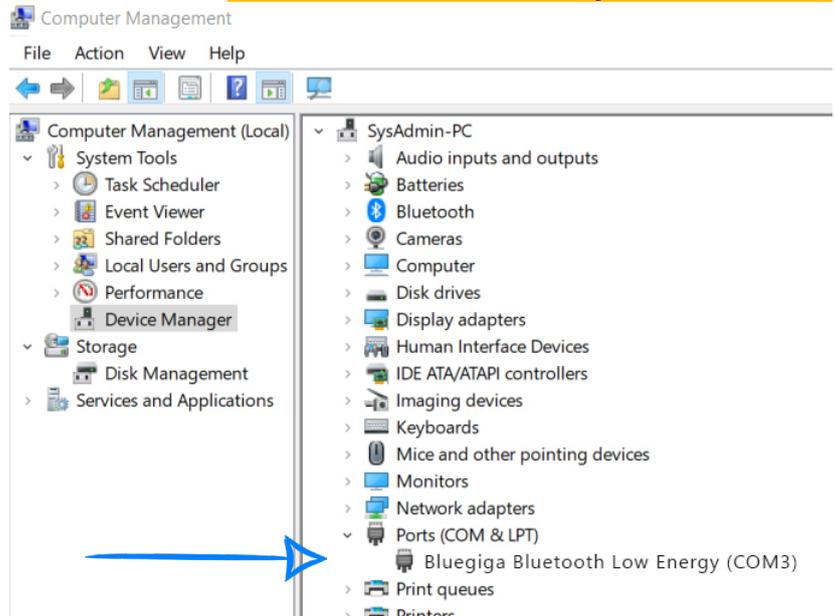
MicrotechData for Windows			
	FREE	STANDARD	PRO
	299100530	299100550	299100570
Platform	Windows 7, 8, 10		
Max. instruments	1	4	32
USB-dongles (max qty)	1	1	8
Standard/Energy saving mode	+	+	+
Max Distance, m	up to 50m		
Autoconnection	+	+	+
Filtering non MICROTECH devices	+	+	+
Data reading Synchronizing	-	+	+
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

*Requires MS Office installation on PC

APP INSTALLATION

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





To connect instruments to PC, it is necessary to use USB-dongle on PC (Item 299190001)

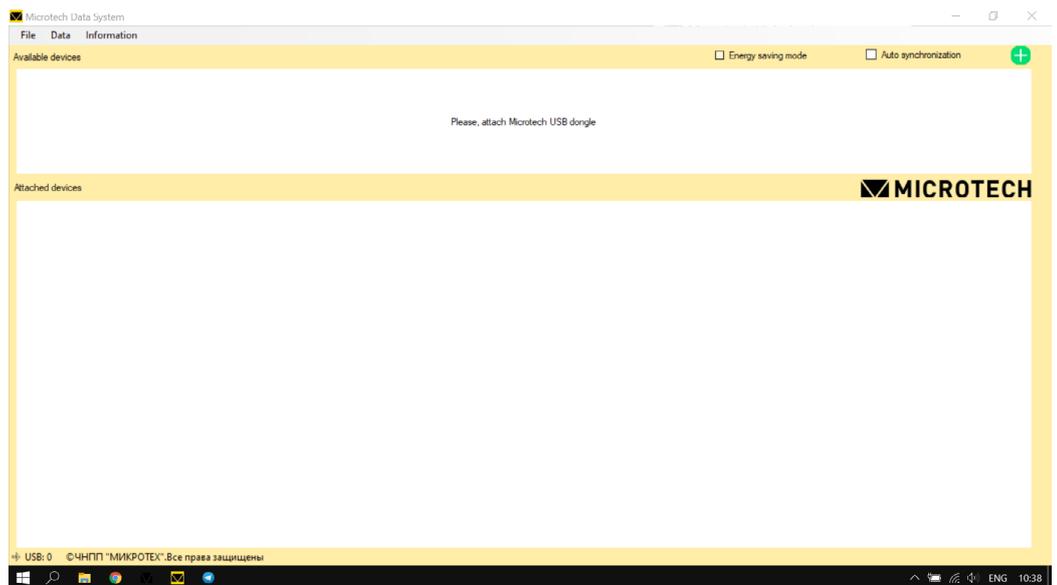
Connect USB -dongle to PC

-Check driver status on device manager

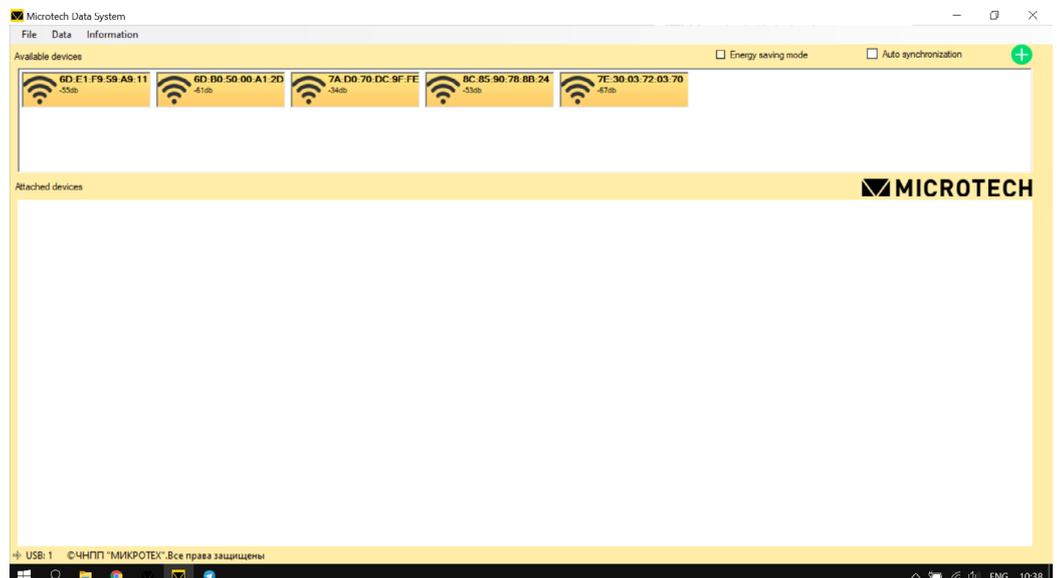
-In MDS software you can check how many USB-Dongle is active.

When USB-Dongle connected - all wireless devices around you will be displayed automatically

WITHOUT USB DONGLE



USB DONGLE CONNECTED



Switch on Wireless data transfer on MICROTECH instruments

- in *COMPUTERIZED* instruments using menu;
- in *WIRELESS* instruments by holding the button for 2 seconds

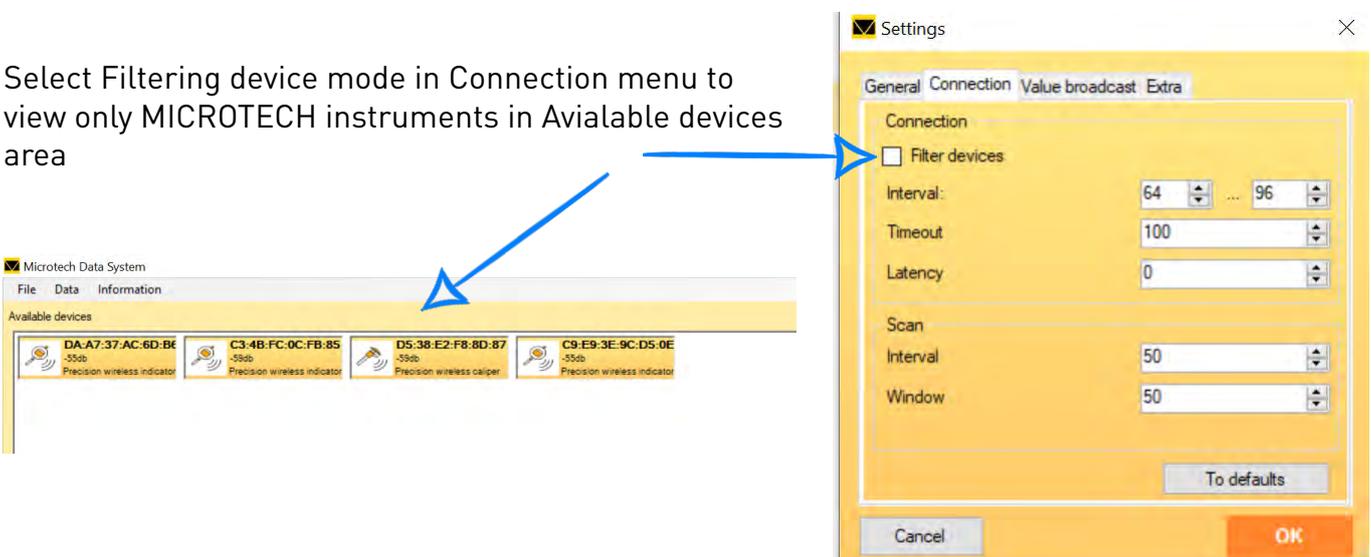


- The device will appear on «Available devices» area
- Move selected instrument from «Available devices» area to «Activated devices» area.
- Activate Auto Synchronization to automatic activating switched on MICROTECH devices
- Select Filtering device mode in Connection menu to view only MICROTECH instruments.

other WIRELESS devices MICROTECH instruments Activate Auto synchronization

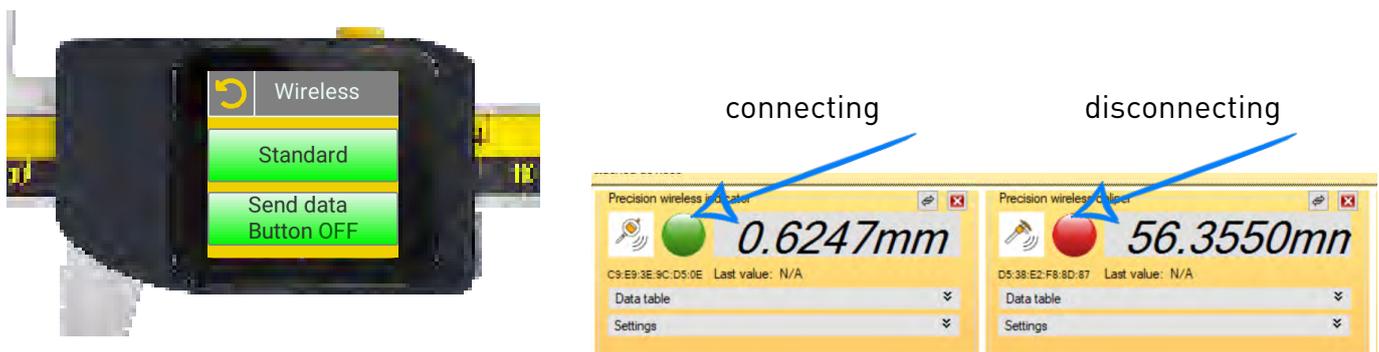


Select Filtering device mode in Connection menu to view only MICROTECH instruments in Available devices area



- ALL MICROTECH instruments has 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 recommended to use STANDARD mode

Use STANDARD mode for COMPUTERIZED instruments



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-disconnecting)
- **STANDARD** mode is activated by default

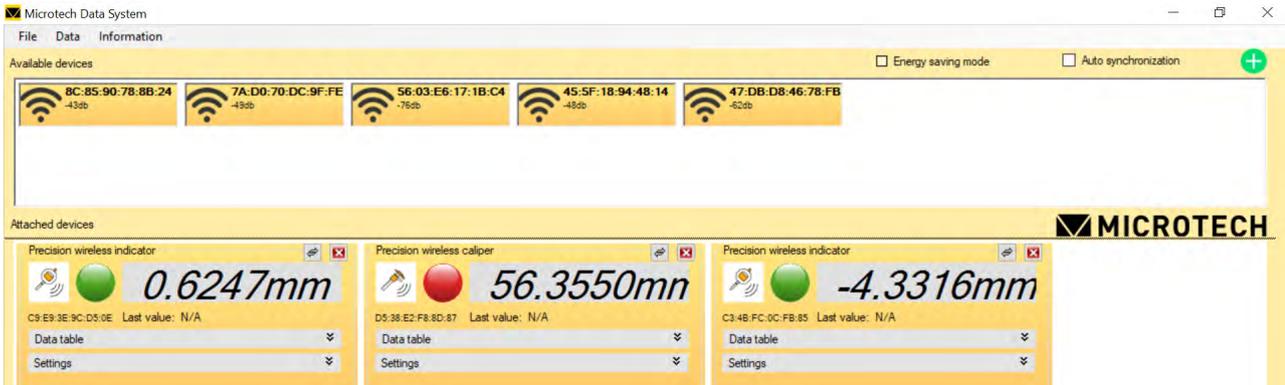
ECONOMY mode for WIRELESS instruments



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



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)

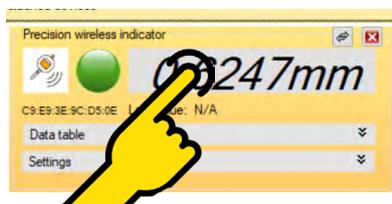
RESOLUTION & UNIT SELECTION

mm/inch selection

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

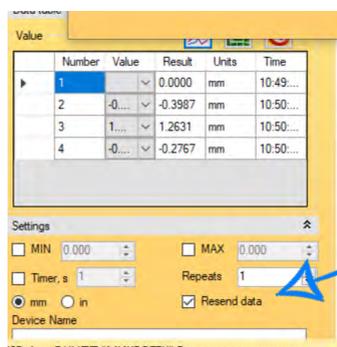
How to save values to table in STANDARD mode:

- 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

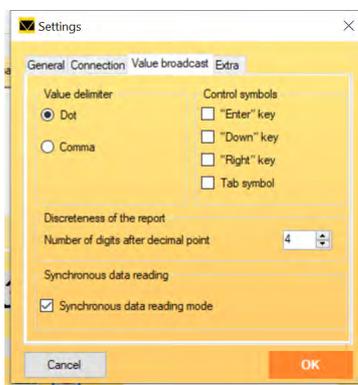


RESEND VALUES

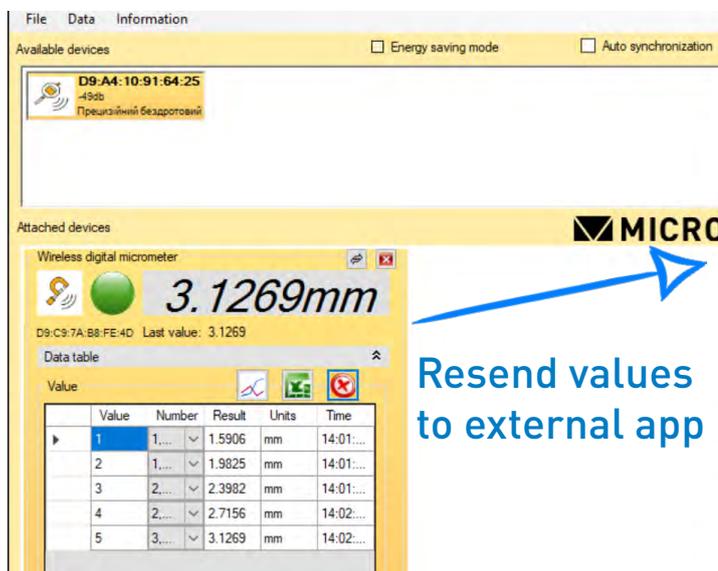
Actual values (receiving from instrument) can be Resend to any Windows app.



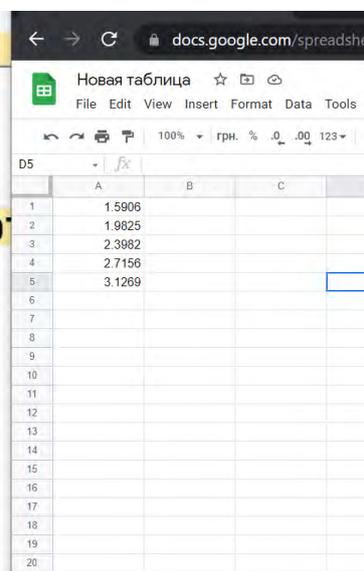
Activate Resend data

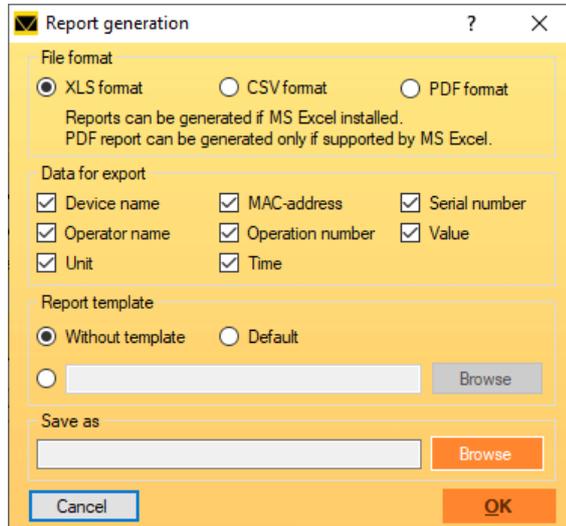
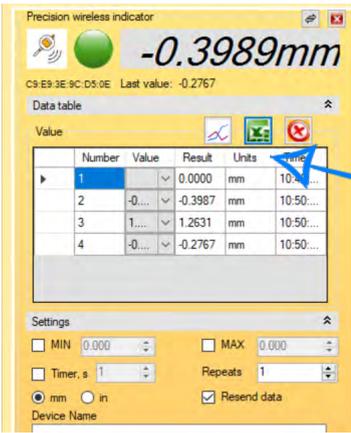


If necessary select value options (Dot/Comma) and Control symbol in Setting menu



Resend values to external app

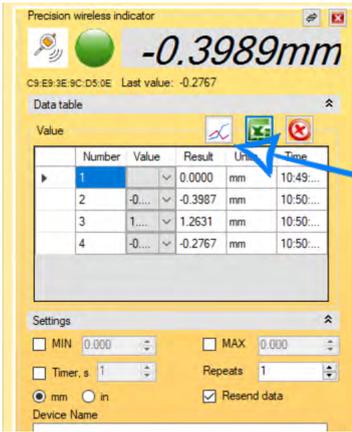




Export saved data table values for external files
 Select necessary to save columns on Data for export subsection
csv report can be generated in any Windows PC
xls report can be generated if MS Excel installed on your PC
pdf report can be generated only if supported by MS Excel (the latest versions)

Example of exported xls file

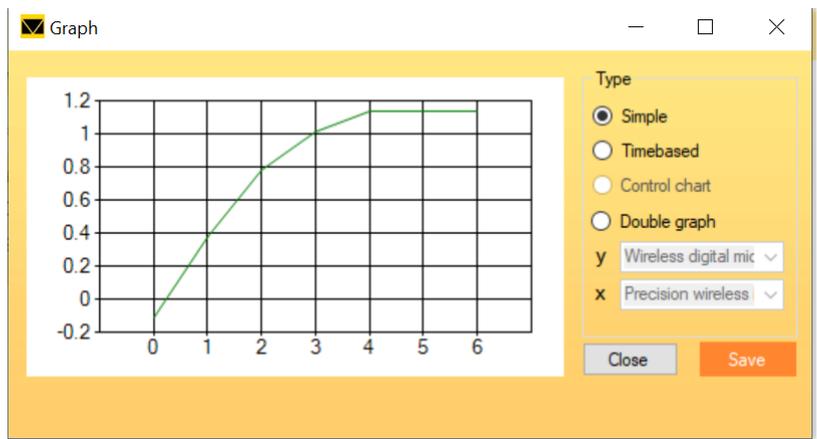
Number	Value	Result	Units
1	0.0000	mm	10:50:...
2	-0.3987	mm	10:50:...
3	1.2631	mm	10:50:...
4	-0.2767	mm	10:50:...



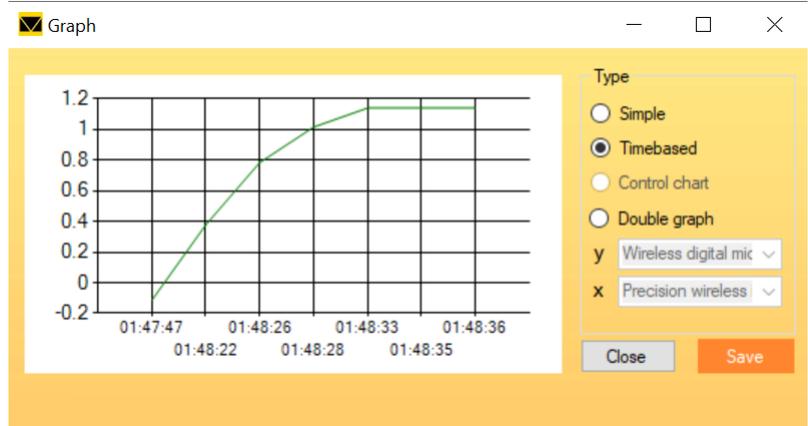
Export saved values to Graph mode
Graph can be saved to png format

Single Graph or Graph with Tutorial.

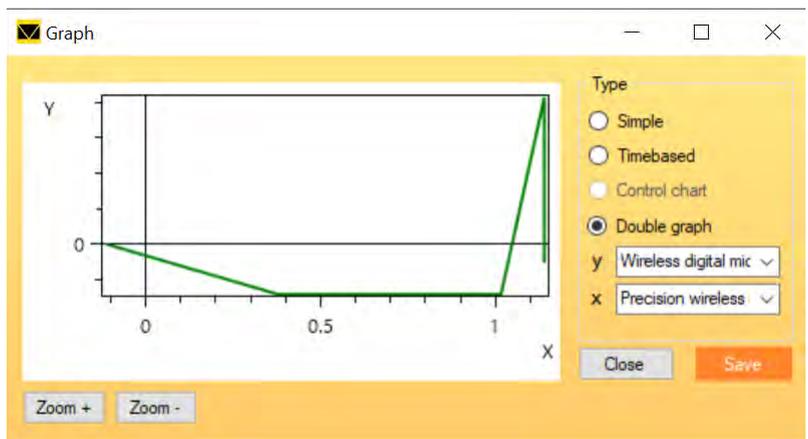
Simple Graph

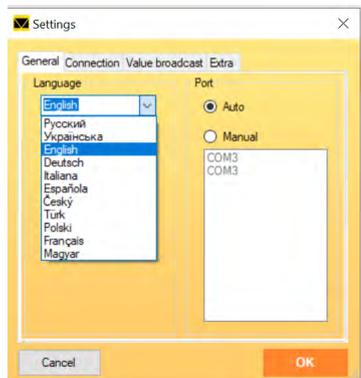


Simple Graph with Timebased

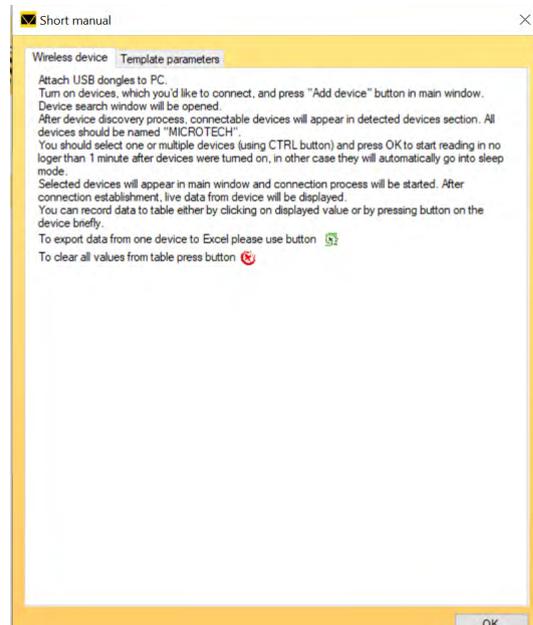


2D Doublegraph
For special measuring solutions

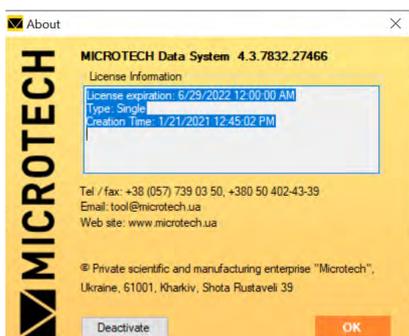




Language selection in Setting menu



Short guide in Information menu



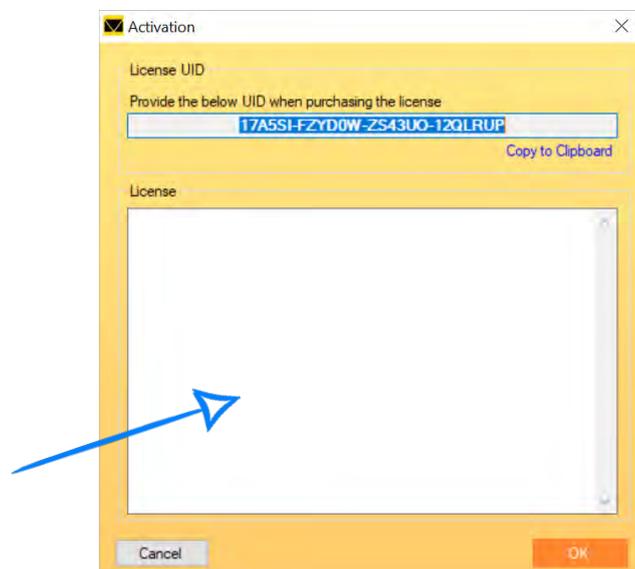
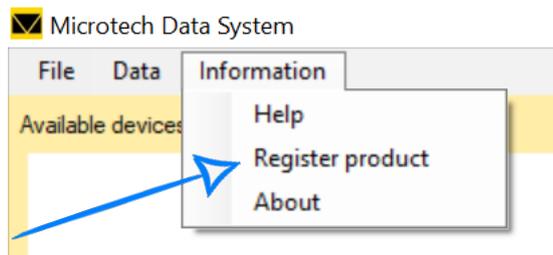
MDS app versions info

Update to PRO version

To activate PRO version (must be pre-paid via your local distributor) open Register product sub-menu

Copy and send activation code to tool@microtech.ua. After checking we will send you activation license key.

Add activation key to activation area and press OK.



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Change without prior notice

