

# WIRELESS AND COMPUTERIZED MICROTECH INSTRUMENTS CONNECTION TO MDS APP FOR iOS

# MANUAL



MDS Android Software by MICROTECH is used for connection MICROTECH Computerized and Wireless instruments to iOS devices

- 
SAVING DATA TO XLS. CSV FORMATS
- 
SAVING GRAPH
- 
VOICE MODE

## COMPUTERIZED INSTRUMENTS CONNECTION

- Distance between the Computerized MICROTECH instrument and the iOS device 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 without data losing to any distance.
- Computerized MICROTECH instruments have only **STANDARD MODE** of Wireless data transfer:
  - non-stop data transfer 4 value/sec.



up to 50 m

## WIRELESS DIGITAL INSTRUMENTS CONNECTION

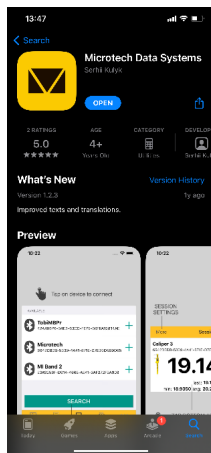
- Distance between the Wireless MICROTECH instrument and iOS device is 5-25 meters depends on transfer mode and premises conditions
- MICROTECH Wireless instruments have 2 modes of data transfer:
  - STANDARD MODE**
    - non stop data transfer 4 times/sec
    - CR2032 battery work in non stop data transfer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



up to 25 m

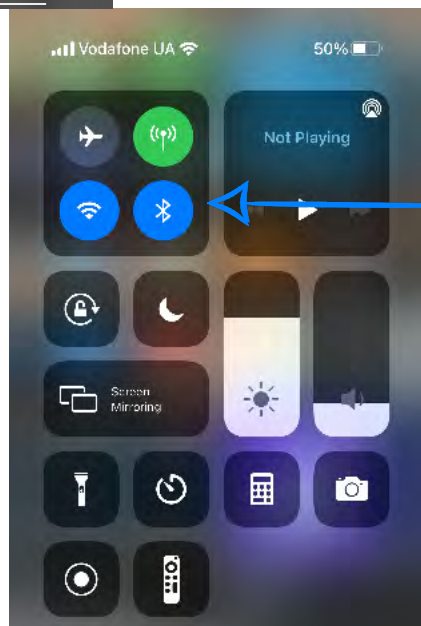
We recommend to use **ECONOMY MODE** for MICROTECH Wireless instruments

Install the latest MDS App from App Store



## 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)



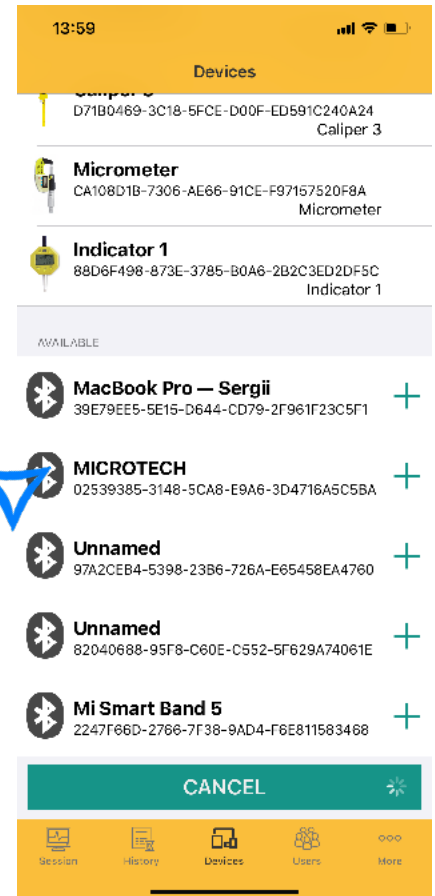
## MDS iOS VERSIONS

- Available **FREE** and **PRO** versions
- **PRO** version can be activated throw App Store

MicrotechData for iOS		
	LITE	PRO
	299100060	299100070
Platform	iOS	
Max. instruments	2	7
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	

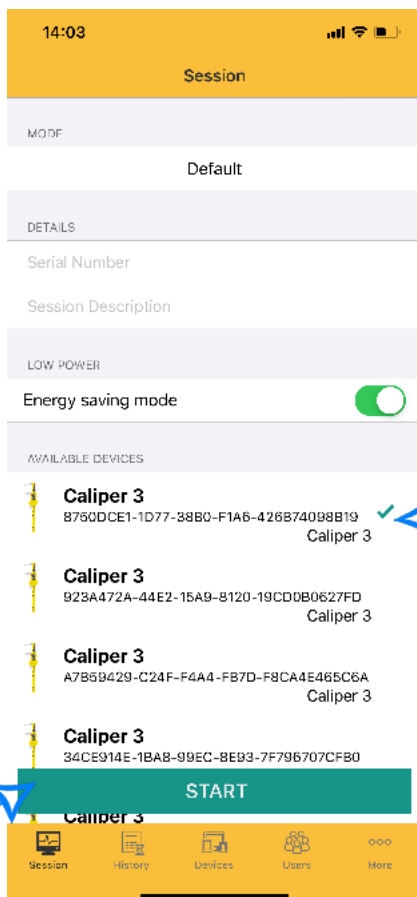
## Add MICROTECH instruments to DEVICES list:

- 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.



## 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

## 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

14:04  
More Session Graphics Finish

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

0.289

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

Caliper 3  
89CF24FD-2264-19A4-9704-676F57233ABC

24.0150

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

14:04  
Cancel Acquisition Settings Done

Low value boundary

0.0

High value boundary

0.0

Retries 1

Synchronize reading values and activate Timer

Activate Graphical mode

Actual display the current values

Basic statics

Saved to memory data

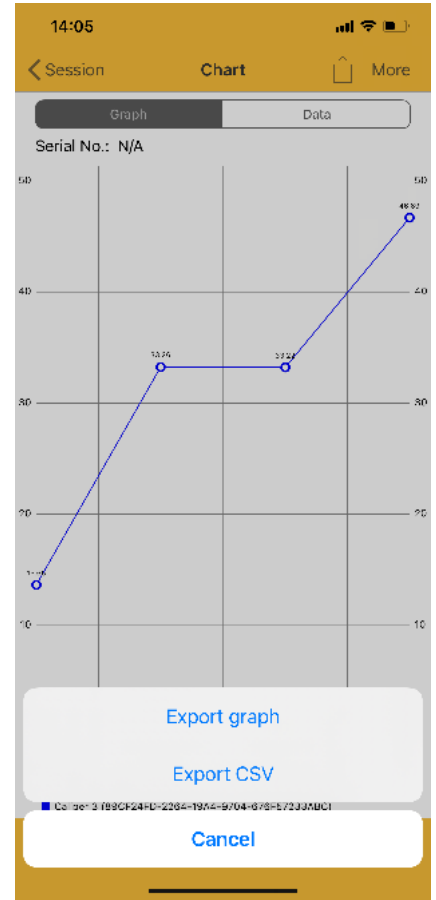
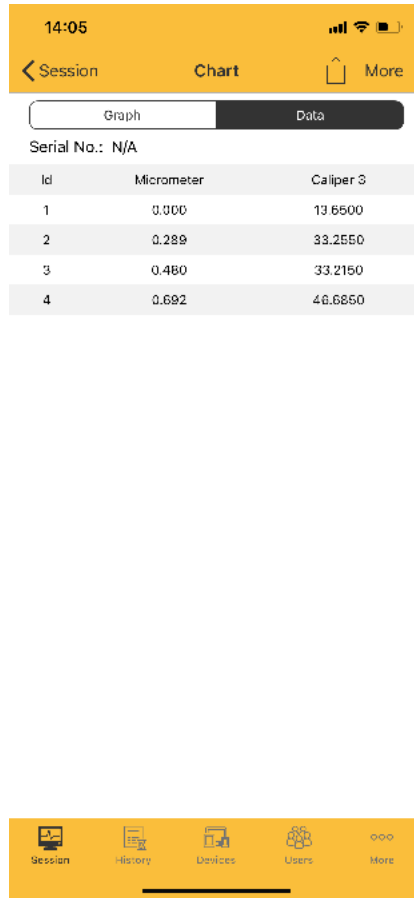
0.289  
Micrometer  
(02539385-3148-5CA8-E9A6-3D4716A5C5BA)

Session History Devices Users More

## GRAPH AND DATA MODE

Tap Graph button to activate the Graphical mode.

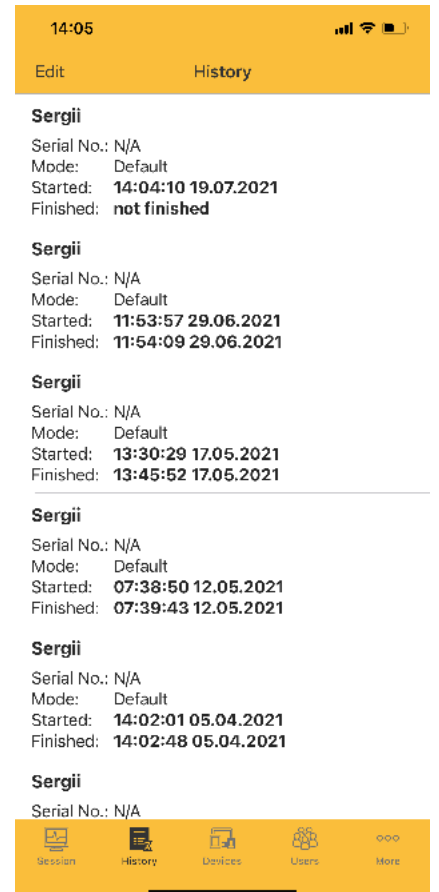
- view graph
- export graph
- view and export actual data



## HISTORY

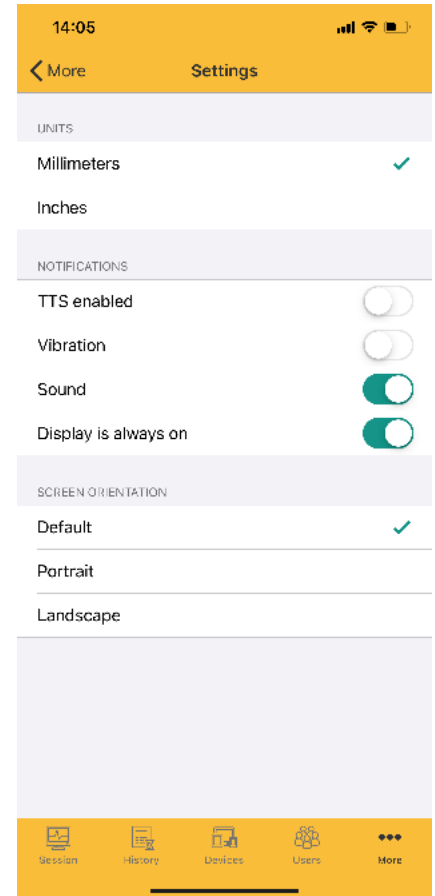
You can save current SESSION to HISTORY.

All saved sessions and values in HISTORY can be viewed and exported.



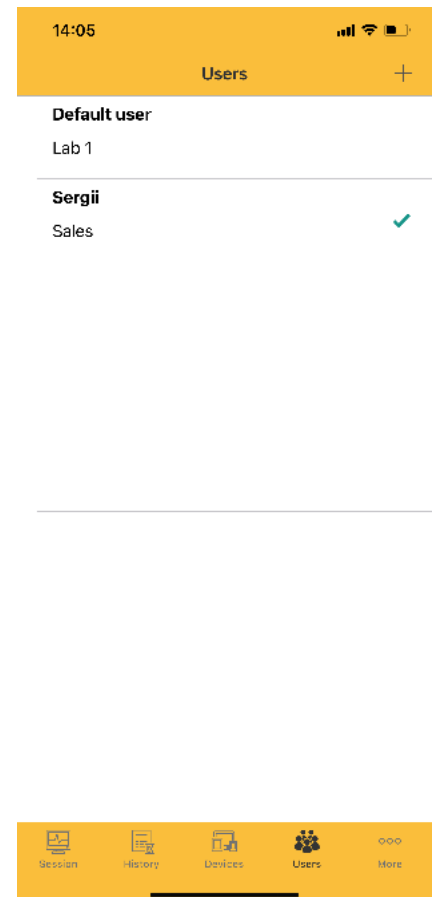
## SETTINGS:

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.



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Change without prior notice

