



MICROTECH SUB MICRON Universal Tablet Micrometer User Manual

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MICROTECH SUB MICRON Universal Tablet Micrometer



SPECIFICATION

Item No	Range		Re so l.	A c c u r .	N O N - R O T A T I N G	A n a l o g s c a l e	G r a p h i c a l m o d e	P r e s e t	G o / N o G o	M a x / M i n	F o r m u l a	T i m e r	T e m p c o m p	L i n e a r c o r r	C a l i b r a t e	C o n n e c t . s t a t u s	R e c h a r g e b a t t	2 D S y n c r o n i z e	M e m o r y	W i r e l e s s	U S B	C o l o r D i s p l a y
	mm	in ch																				
110750258	0-25	0-1"	0,00010.	±3	•	•	•	•	•	•	•	•	•	•	•	•	•	•	Fol ders / 2000 val	Lo ng ra nge / HI D	U S B H I D / U p d at	To uc hs cr ee n 2.4"
110750508	25-50	1-2"		±3	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110750758	50-75	2-3"		±4	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110751008	75-100	3-4"		±4	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110751258	100-125	4-5"		±5	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110751508	125-150	5-6"		±5	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110751758	150-175	6-7"		±6	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110752008	175-200	7-8"		±7	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110752258	200-225	8-9"		±7	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110752508	225-250	9-10"		±8	•	•	•	•	•	•	•	•	•	•	•	•	•	•				
110752758	250-275	10-11"		±8	•	•	•	•	•	•	•	•	•	•	•	•	•	•				



SWITCH ON DEVICE - button push (1 sec)
SWITCH OFF DEVICE - button push (3 sec)/ auto switch off
DATA TRANSFER - programming throw menu

BUILT-IN BATTERY - rechargeable Li-Pol battery

DATA TRANSFER

WIRELESS CONNECTION TO MDS APP

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

FREE SOFTWARE
NO DONGLE

Windows iOS android

WIRELESS HID CONNECTION
USB HID CONNECTION

Windows

- SAVING DATA TO XLS. CSV FORMATS
- TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE
- TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS
- SAVING GRAPH
- TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE

3 MODES OF DATA TRANSFER (USB + 2 WIRELESS MODES)

WIRELESS HID CONNECTION
USB HID CONNECTION

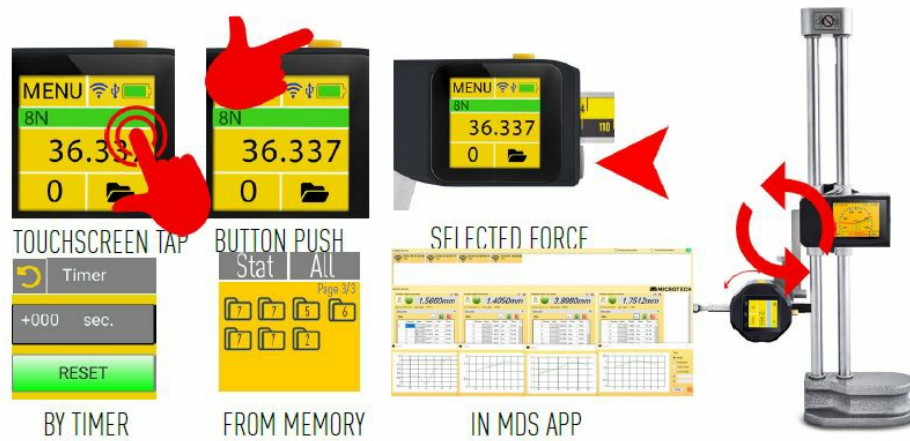
NO DONGLE

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

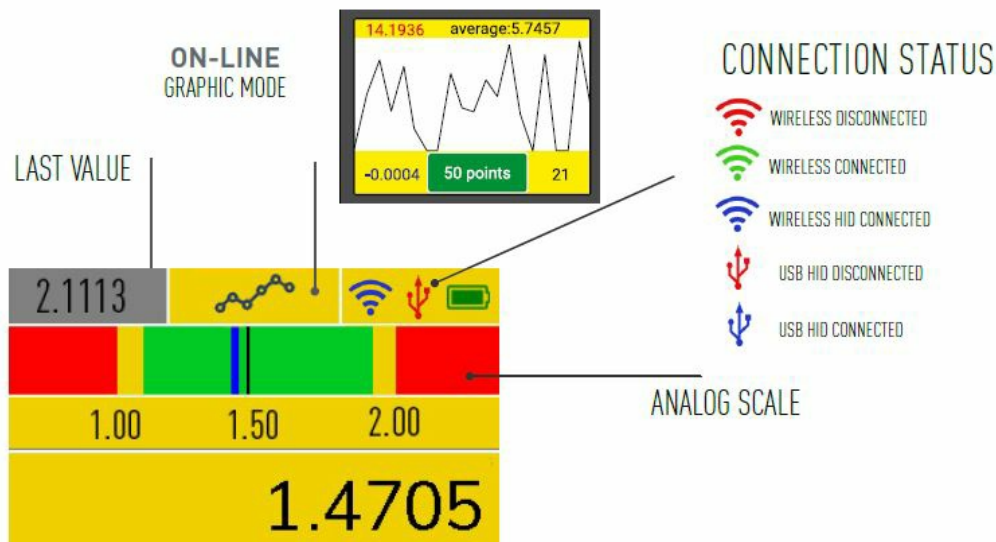
Windows iOS android LINUX macOS

- TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE
- TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS
- TRANSFER DATA TO ANY BROWSWE OR APP

7 WAYS HOW TO TRANSFER DATA TO PC OR TABLET



MAIN SCREEN



MEMORY

STANDARD or FOLDER system can be activated through the MEMORY menu To save measuring data to internal device memory touch data area on the screen or button push. You can view saved data or send by WIRELESS or USB connection to Windows PC, Android, or iOS It's possible to use Standard or Folder memory modes

0 MENU 177

FOLDERS SYSTEM

MEMORY 2000 VAL.

MEMORY EXPORT

STATISTIC

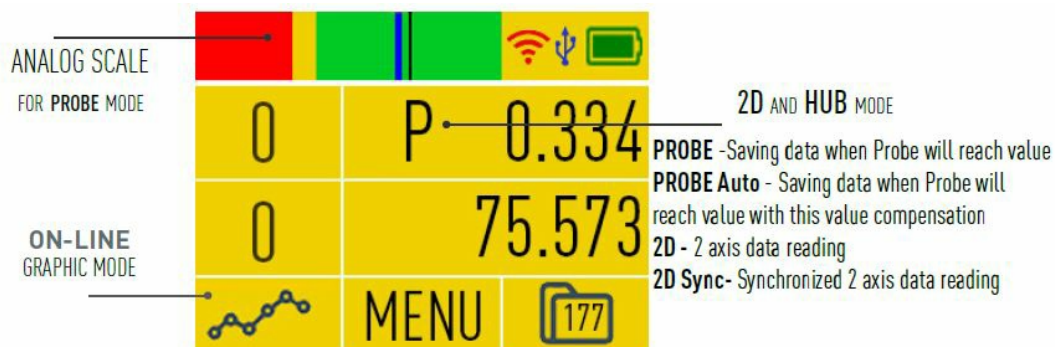
MEMORY

STANDARD or FOLDER system can be activated throw MEMORY menu

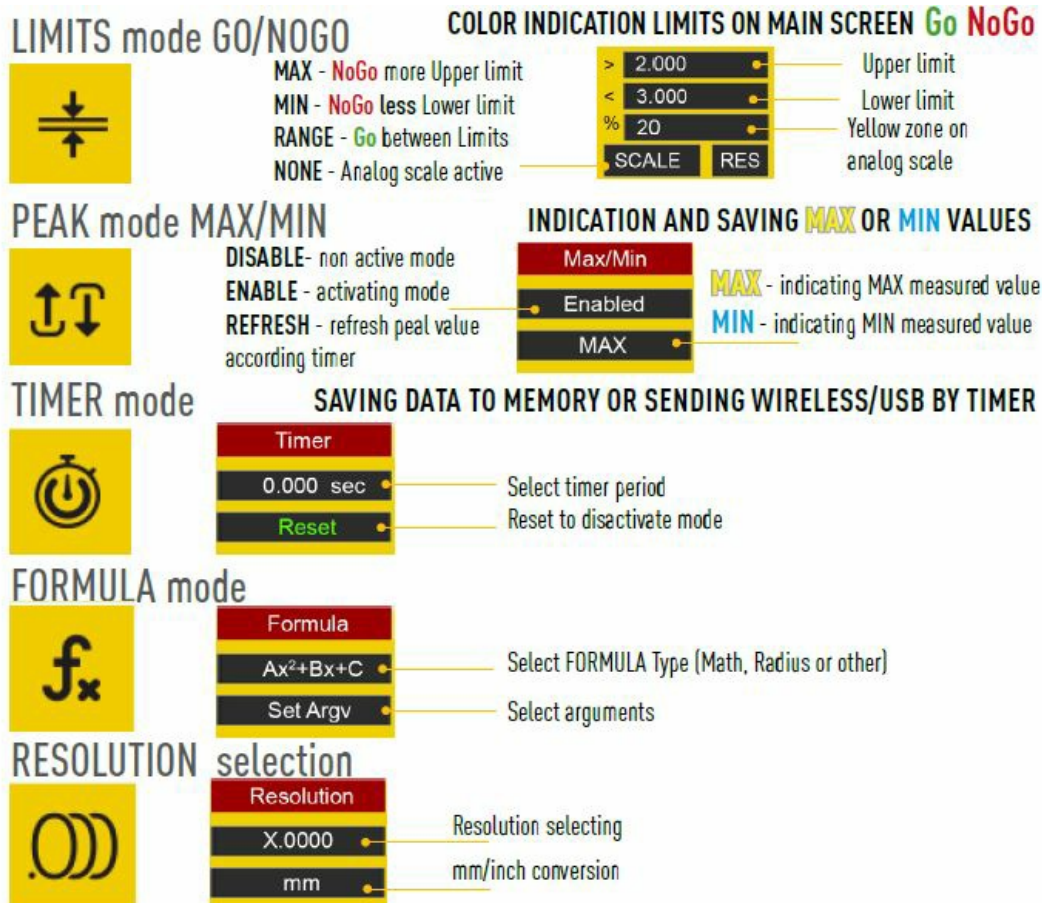
For save measuring data to internal device memory touch data area on screen or button push. You can view saved data or send by WIRELESS or USB connection to Windows PC, Android or iOS It's possible to use Standard or Folders memory modes

Stat	All	Stat	All	Stat	All	Statistic
1:	0.0000	1:	0.0000	MAX:	+26.999	
2:	1.2334	2:	1.2334	MIN:	8.8673	
3:	1.2337	3:	1.2337	AVG:	+5.3213	
4:	1.2333	4:	1.2333	D:	+26.863	
5:	1.2341	5:	1.2341			

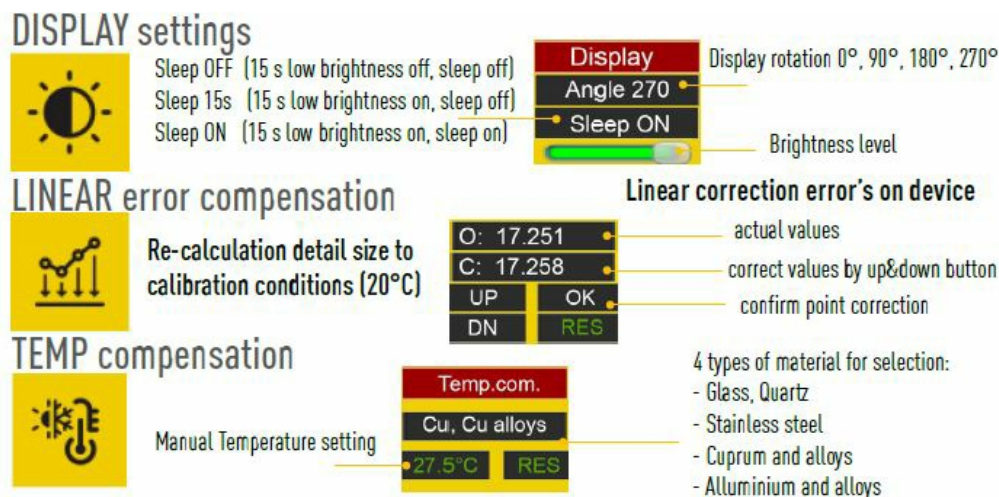
MAIN SCREEN on 2D mode



FUNCTIONS



RESOLUTION selection



WIRELESS data transfer

WIRELESS data transfer



Reconnection button
Wireless power
regulation



ON - WIRELESS data transfer to MDS App for Android, iOS, Windows
HID - WIRELESS HID direct transfer data to any App in Windows, MacOS, Linux, Android devices (like keyboard). Configure data format in USB sub-menu
2D-S - Slave device on WIRELESS connection on HUB mode
2D-M - Master device on WIRELESS connection on HUB mode

USB OTG data transfer



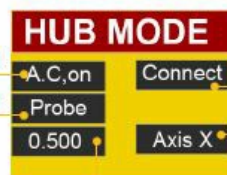
Connect USB cable to PC & Activate USB HID connection mode
Select setting of data transfer
Direct transfer data to any App in Windows, MacOS, Linux, Android devices
Configuring data transfer Dot/Comma and Tab/Arrow Down/CR+LF

HUB connection



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

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



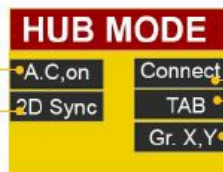
External Wireless device connection

Axis priority selecting

Setting PROBE limit value

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

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



2D MODE

External Wireless device connection

Symbol between Axis

Graphic mode indication setting

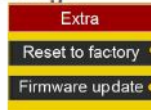
LINK to app's

LINK to app's



QR Link to MICROTECH web site page
with MDS Software download
- Android, iOS, Windows versions
- Free and Pro versions
- Manuals

RESET to Factory settings



Push 10 times to RESET device to factory settings



Push 10 times to FIRMWARE UPDATE

EXTRA



Selecting normal or inverted axis mode (+/- value indication)

Coefficient setting (for distributor and calibration only)

MEMORY manager setting



Activating STANDARD
or FOLDER SYSTEM

Values in each Folder

FOLDERS SYSTEM

CALIBRATION date info



Push for change calibration date info

Device INFO



Information about device

- Firmware version
- MAC adress for WIRELESS connection

INDUSTRY 4.0 INSTRUMENTS



innovative measuring instruments
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tool@microtech.ua

Documents / Resources

	MICROTECH SUB MICRON Universal Tablet Micrometer [pdf] User Manual SUB MICRON Universal Tablet Micrometer, SUB MICRON, Universal Tablet Micrometer, Tablet Micrometer, Micrometer
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References

-  [Main page - MICROTECH - Innovative measuring instruments](#)