

SUB-MICRON INTELLIGENT COMPUTERIZED INDICATOR

USER MANUAL



IS017025:2017



SPECIFICATION

Iter	m No	Range	Resolution			Accuracy	Fine adj.	Preset	Go/NoGo	Max/Min	Formula	Timer	emp comp	inear corr	Salibr date	nnect. status	echarge batt	Memory	Wireless	USB	olor Display
		grad	sec of arc	grad	rad	min of arc	wheel						Γ	_		లె	ڇ				ت
1511	36055	0-360°	1/12' (5")	0.005°	0.0001	±3'	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Parameters	
LED display	color 1,54 inch
Resolution	240x240
Indication system	MICS 4.0
Power supply	Rechargeable Li-Pol battery
Battery capacity	450 mAh
Charging port	micro-USB / Magnetic port
Case material	Aluminium
Buttons	Switch (Multifuntional), Reset
Wireless data transfer	Ultra long range
USB data transfer	USB HID

TECHNICAL DATA

MAIN INFO

SWITCH ON DEVICE - button push (1 sec)

SWITCH OFF DEVICE - button push (2 sec)/ auto switch off

DATA TRANSFER - programming throw menu





WARNING!

IN THE PROCESS OF WORKING WITH PROTRACTOR SHOULD BE AVOIDED: Scratches on the measuring surfaces;

Measuring the size of object in the process of machining;





DATA TRANSFER

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







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



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





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

7 WAYS HOW TO TRANSFER DATA TO PC OR TABLET





BUTTON PUSH



SELECTED FORCE



BY TIMER



FROM MEMORY



IN MDS APP



FROM PAIRED DEVICE

DOWNLOAD APP

DOWNLOAD MDS APP FOR MICROTECH DEVICES WIRELESS CONNECTION FROM www.microtech.ua. GooglePlay & App Store

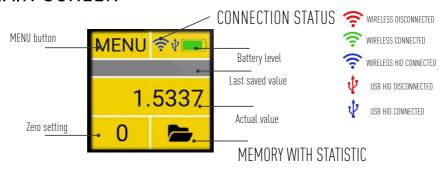






MAIN SCREEN

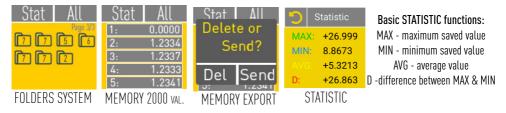




MEMORY

For save measuring data to internal device memory touch data area on screen or button push. You can view saved data throw menu or send Wireless or USB connection to Windows PC, Android or iOS devices.

It's possible to use Standard or Folders system with 2000 values in memory.



STANDARD or FOLDER system can be activated throw MEMORY menu

MENU STRUCTURE





FUNCTIONS

LIMITS mode GO/NOGO

COLOR INDICATION LIMITS ON MAIN SCREEN GO NOGO



MAX - NoGo more Upper limit MIN - NoGo less Lower limit RANGE - Go between Limits



PEAK mode MAX/MIN



DISABLE- non active mode **ENABLE** - activating mode

REFRESH - refresh peal value according timer

INDICATION AND SAVING MAX OR MIN VALUES



TIMER mode

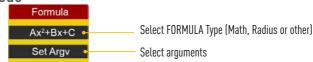
SAVING DATA TO MEMORY OR SENDING WIRELESS/USB BY TIMER





FORMULA mode





RESOLUTION selection

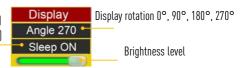




DISPLAY settings



Sleep OFF (15 s low brightness off, sleep off) Sleep 15s (15 s low brightness on, sleep off) Sleep ON (15 s low brightness on, sleep on)



Linear correction error's on device

LINEAR error compensation



Re-calculation detail size to calibration conditions (20°C)

O: 17.251 crect values by up&down button confirm point correction

TEMP compensation



Manual Temperature setting



DN

4 types of material for selection:

- Glass, Quartz
- Stainless steel
- Cuprum and alloys
- Alluminium and alloys

FUNCTIONS

MICROTECH

WIRELESS data transfer



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

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

Configurating data transfer Dot/Comma and Tab/Arrow Down/CR+LF

RESET to Factory settings





 ${\it Push 10 times to RESET device to factory settings}$

Push 10 times to FIRMWARE UPDATE

EXTRA





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

Coefficient setting (for distributor and calibration only)

LINK to app's





QR Link to MICROTECH web site page with MDS Software download

- Android, iOS, Windows versions
- Free and Pro versions
- Manuals

Download Windows App



MEMORY manager setting







Activating STANDARD or FOLDER SYSTEM

Values in each Folder



CALIBRATION date info





Push for change calibration date info

Device INFO



www.microtech.ua FW 4.0.37 XX:XX:XX:XX:XX

MICROTECH

Information about device

- Firmware version
- MAC adress for WIRFLESS connection



MICROTECH

INDUSTRY 4.0 INSTRUMENTS

