

UNIVERSAL STAND MICROTECH

USER MANUAL





SPECIFICATION

Item No	Range	Resolution	Micrometer head		Calibration	Functions	Data output	
			Range	Accuracy	Catibiation	FullCubils	Data output	
	mm	mm	mm	mm			USB	Wireless
25111300	0-300	0,0001	25	±0,002	Bore gauges Indicators	Error comp.Temp. comp Preset. Memory Max/Min Limits	+	max 50 m
25111500	0-500	0,0001	25	±0,002			+	max 50 m
25111500	0-1000	0,0001	25	±0,002			+	max 50 m

Parameters				
LED display	color 1,5 inch			
Power supply	Rechargeable Li-Pol battery			
Lifetime	>80h (Medium brightness)			
Charging port	micro-USB			
Case material	Aluminium			
Buttons	Switch, Reset			
Wireless data transfer	10m without external antenna 50m with external antenna (from set)			



PRECISION MEASUREMENTS MICROTECH computerized micrometer with 0.1 resolution can be used for high precisor measurements in manufacturing, automotive medical industry and for calibration



FORMULA MODE In Formula mode we use Ax2+Bx+C Main using of this function is: - Preset function

- Magnification of measured value

For customers request Formula can be updated



COLOR GO/NOGO INDICATION Easy and quick limits control. It's possible setup max and min value throw menu. Color indication reduce possibility of error during control



ERROR COMPENSATION It's possible to make mathematical error compensation. Just re-calibrate micrometer with gauge block set and save results. Micrometer will indicate measuring results include re-calibration.



INTERNAL MEMORY Computerized micrometer has memory manger with possibility saving data to folders. Separate Data's or Folders can be transfer Wireless to MICROTECH Software (Windows, Android.iOS)



TEMPERATURE COMPENSATION Temperature compensation function gives possibility recalculate details sizes with high or low temperatures to normal (20C conditions). Available recalculation for 7 materials



SWITCH ON DEVICE - button push (1 sec)

SWITCH OFF DEVICE - auto switch off (configurating throw DISPLAY SETTING menu)

- button push (3 sec)



- Install calibrated device (indicator or bore gauge) to universal stand.
- Turn on micrometer head by pressing SWITCH ON button.
- Check the setting display to zero. Contact with each other measuring surfaces of micrometer head with calibrated device

Rotation the micrometer screw in the direction of convergence measuring surfaces

- For zero setting, press the ZERO button on Touchscreen.
- Use memory functions to saving calibration points.

CHARGING

For charging connect USB cable





BUILT-IN BATTERY - rechargeable Li-Pol battery

Charging process indicating on Battery status (switch on device)

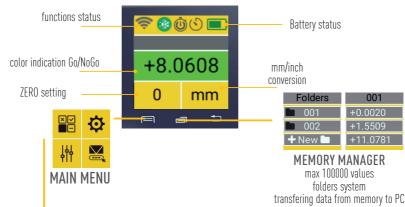


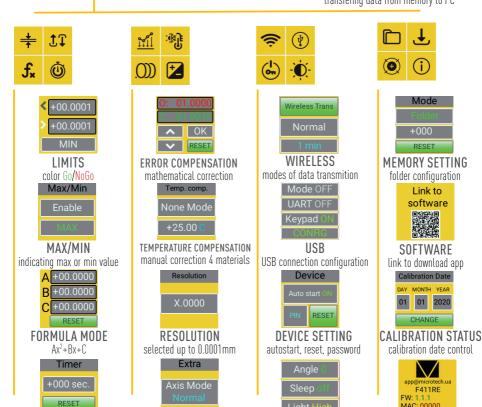






MENU NAVIGATION





AXIS MODE

normal or inverted

TIMER MODE

saving or transfer data on timer



F411RE

DEVICE INFO

service info about device

MAC: 00000

SCREEN SETTING

screen rotation, brightness











Windows

DOWNLOAD



UP TO 50M



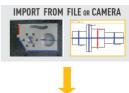




























TRANSFER DATA TO **EXCEL OR OTHER TABLE EDITORS**

SAVING DATA

TO XLS, CSV

FORMATS

TRANSFER DATA TO

CAD. SPC OR OTHER

SOFTWARE

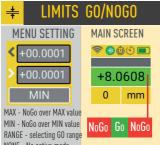
DATA TRANSFER DISTANCE FOR INTELLIGENT INSTRUMENTS

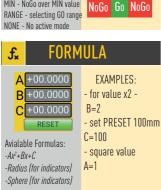
•All MICROTECH Intelligent instruments has internal memory. You can collect data to memory and when it will be neccesary transfer all data to the peripheral device with no data loosing.

- •It's possible transfer data, like in Wireless instruments up to 15 m or up 50 m with external antenna
- •USB port can be used to transfer data directly to Windows PC

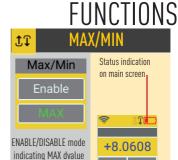


MICROTECH



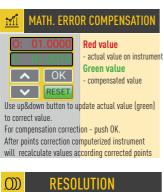






indicating MIN value











Re-calculation value to calibration conditions 20C 7 types of materilas for selection Manual temperature setting



FUNCTIONS



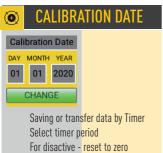




















MICROTECH

innovative measuring instruments

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