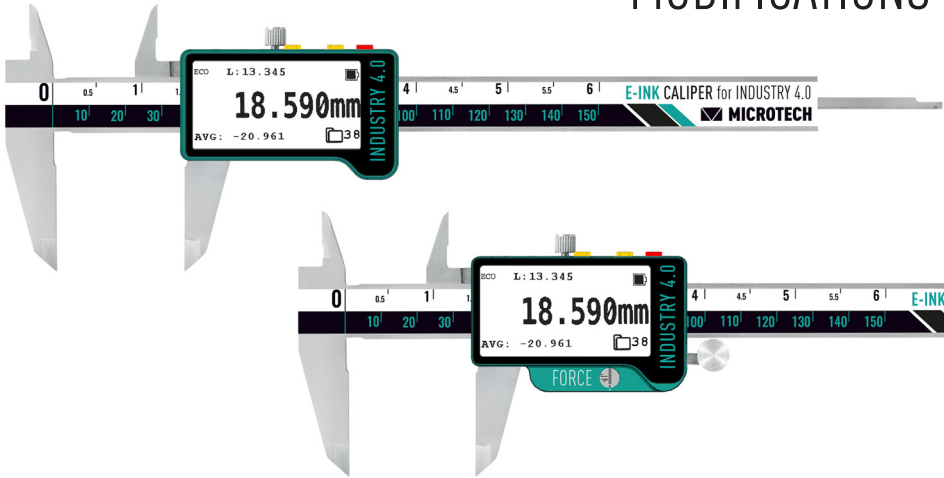
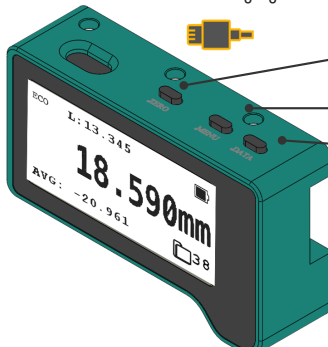


E-INK CALIPER INDUSTRY 4.0

MODIFICATIONS



For charging connect USB cable



BUTTONS

ZERO button - Set Zero

ZERO button **5sec** - Off

MENU button - Menu

MENU button **2sec** - Resolution, mm/inch

DATA button - Save or Send Data value

DATA button **2sec** - Memory

MENU+DATA button **2sec** - Data transfer setting (Wireless, Wireless HID, USB)

ZERO+DATA button **5sec** - Reset

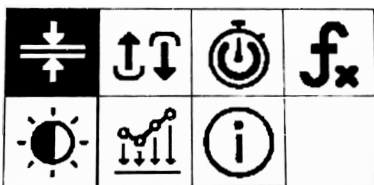
MENU STRUCTURE

MENU NAVIGATION:

DATA button - Next

MENU button - Select

ZERO button - Exit



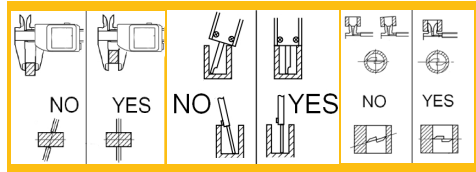
Item No	Range		Reso- lution	Accu- racy*	Double Force	Jaws	Carbide jaws	Pre- set	Go/NoGo	Max/Min	Formu- la	Linear corr	Calibr date	Recharge batt	Memory	Wireless	USB	Display
	mm	inch	mm	µm	N	mm												
141093015F	0-150	0-6"	0,005	±10	8/4			•	•	•	•	•	•	•	1000 val			
141093015B				±15		40/16		•	•	•	•	•	•	•				
141093015C							•	•	•	•	•	•	•					
141093020F	0-200	0-8"		±10	8/4			•	•	•	•	•	•	•				
141093020B				±15		50/17		•	•	•	•	•	•	•				
141093020C							•	•	•	•	•	•	•					
141093030F	0-300	0-12"	±15	8/4				•	•	•	•	•	•	Long range / HID USB HID / Update				
141093030B			±20		60/20		•	•	•	•	•	•	•					
141093030C						•	•	•	•	•	•	•						

* For internal jaw and depth bar accuracy according ISO13385-1

TECHNICAL DATA

Parameters	
Display	E-ink 2.13 inch 250x122 px
Power supply	Rechargeable Li-Pol battery 300 mAh
Charging / Data port	micro-USB
Case material	Aluminium
Buttons	Zero, Menu, Data
Data transfer	Wireless/ Wireless HID/ USB HID

CORRECT MEASURING



DOUBLE FORCE CONTROL MEASURING (MODIFICATION)

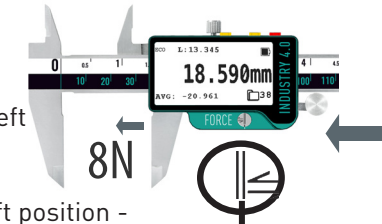
EXTERNAL MEASURING with FORCE 8N

ZERO SETTING FOR EXTERNAL

- Contact external jaws to each other
- Push Force roll up to double-lines comes left on Force indicator and press SET button 2s.

EXTERNAL MEASURING

- When double-lines on Force indicator in left position - Measuring Force on External jaws 8±2N.



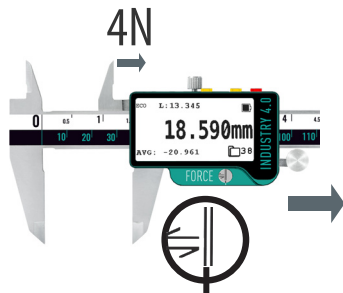
INTERNAL MEASURING with FORCE 4N

PRESET INTERNAL VALUE

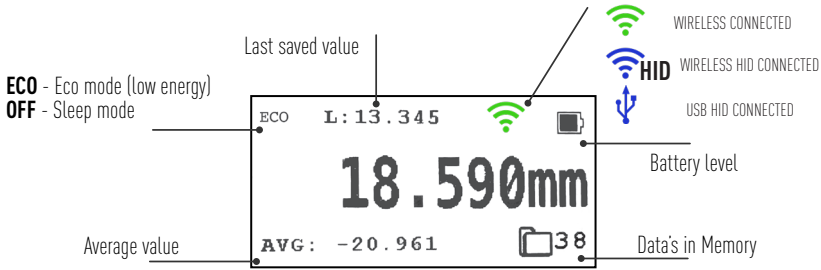
- Contact internal jaws inside setting ring
- PRESET setting ring size on caliper
- Push Force roll up to right lines on Force indicator and press SET button 2s.

INTERNAL MEASURING

- When double-lines on Force indicator in right position - Measuring Force on Internal jaws 4±1N.



MAIN SCREEN



MEMORY

For save measuring data to internal caliper's memory push **DATA** button

To view memory push **DATA** button during 2s.

You can view saved data throw menu or send Wireless or USB connection to Windows PC, Android, MacOS or iOS devices. You can save up to 1000 values to memory

Stat	All
1 : 0.050	4 : 29.245
2 : 7.320	5 : 37.680
3 : 20.440	NEXT PREV

MEMORY NAVIGATION:

DATA button - Next

MENU button - Select

MENU button 2sec. - Delete

ZERO button - Exit

DATA TRANSFER

DATA button - Save or Send Data value

MENU+DATA button **2sec** - Data transfer setting (Wireless, Wireless HID, USB)

WIRELESS:

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: Select setting of data transfer and Config data transfer Dot/Comma and Tab/Arrow Down/CR+LF

DOWNLOAD APP

DOWNLOAD MDS APP FOR MICROTECH DEVICES

WIRELESS CONNECTION FROM

www.microtech.tools, GooglePlay & App Store



LIMITS mode GO/NOGO



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

INDICATION LIMITS ON MAIN SCREEN

Go NoGo

PEAK mode MAX/MIN



DISABLE - non active mode
 ENABLE - activating mode
 REFRESH - refresh peak value according timer

MAX - indicating MAX measured value

MIN - indicating MIN measured value

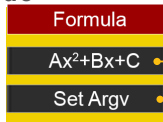
TIMER mode

SAVING DATA TO MEMORY OR SENDING WIRELESS/USB BY TIMER



Select timer period
 Reset to deactivate mode

FORMULA mode



Select FORMULA Type (Math, Radius or other)
 Select arguments

DISPLAY settings



Sleep ON - Eco mode (ECO - 1min, OFF - 60min)
 Sleep OFF - E-ink caliper all time switch on
 Base ON/OFF - reading base reconnection

LINEAR error compensation



Linear correction error's on device



actual values
 correct values by up&down button
 confirm point correction

Device INFO



DEVICE menu:

Push 10 times to RESET device to factory settings
 Push 10 times to FIRMWARE UPDATE
 (Firmware update service only on Distributor or Manufacturer side)

CALIBRATION menu:

Set calibration date info

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ISO9001:2015



ISO17025:2017