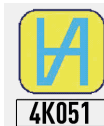




TUBE CALIPER MICROTECH



ISO/IES 17025:2006 (cert. № 4K051)



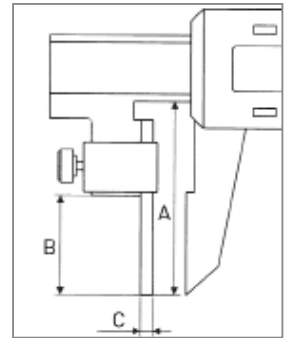
Quality management system
ISO 9001:2015 (cert. № U228396)





1.MODIFICATIONS

Item No	Range	Resolution	Accuracy	Sizes*			Waterproof	Data output
				A	B	C		
141230155	0-150	0,005	±0,030	46	30	4	IP54	RS-232
141231159	0-150	0,005	±0,030	46	30	4	IP54	Wireless
141230205	0-200	0,005	±0,030	50	40	4	IP54	RS-232
141230209	0-200	0,005	±0,030	50	40	4	IP54	Wireless
141230305	0-300	0,005	±0,030	50	40	4	IP54	RS-232
141231309	0-300	0,005	±0,030	50	40	4	IP54	Wireless



2.BUTTON FUNCTIONS

The image shows a yellow tube caliper with several callout lines pointing to specific buttons and features:

- Wireless button:** A small button located above the display screen.
- Setting base ZERO point (5 sec switch):** A button labeled "ORIGIN" located to the right of the display.
- Switch between metric and English measurement systems:** A toggle switch labeled "mm/in" located to the left of the display.
- Switching on/off:** A red button labeled "ON/OFF" located below the display.
- Switching between absolute and relative measurement (display INC) or setting ZERO:** A button labeled "ZERO" located below the display.
- Switching between absolute and relative measurement (display INC) or setting ZERO:** A button labeled "ABS" located to the right of the "ZERO" button.



3. OPERATION INSTRUCTIONS

- 3.1 Wipe with a clean cloth, soaked in gasoline, measuring surface of the frame and gauge calipers to remove anti-corrosion oil. Then wipe them with a clean dry cloth.
- 3.2 If necessary, open the battery cover; insert the battery (type CR1632) according to the polarity of the electrodes. Blinking display information or absence suggests replacing battery.
It will be indication on display «-----» after battery chnging. Press ORIGIN button for 5 sec to start reading system.
- 3.3 Check the zero setting of the caliper. Sum the measuring jaws to contact with each other.
- 3.4 After finishing work wipe the measuring surfaces of the caliper with a cloth soaked in gasoline and apply anticorrosion oil.

4. WIRELESS DATA TRANSFER

- 4.1 MICROTECH Wireless caliper equipped with Built-in Wireless data output module for transfer measuring results to Android, iOS devices or Windows PC
 - For **SWITCH ON** wireless module push Wireless button (2 sec);
 - Red diode is flickering on caliper screen, when Wireless module switch on;
 - After connection caliper to SPC software, you'll see repetition of calipers screen indication on SPC software;
 - Press once Wireless button on caliper or press on SPC software results window for SAVE measuring result to SPC software;
 - For **SWITCH OFF** wireless module press a Wireless button (2 sec) or it will be switched off automatically during 10 minutes non use.
- 4.2 MICROTECH Wireless instruments has 2 modes of data transfer:
 - STANDART MODE** (non stop data transfer 4data/sec, battery work in non stop data transfer up to 50h)
 - ECONOMY MODE (GATT)** (data transfer only by Wireless button push, battery work in this mode up to 6 month (100 data transfer a day), activating throw software)

MICROTECH RECOMMEND TO USE ECONOMY MODE





5.SOFTWARE DOWNLOAD

SPC-SOFTWARE MDS Lite for **FREE**

DOWNLOAD SOFTWARE ON
WWW.MICROTECH.UA

6.INSTRUMENT FIGURE

