WIRELESS FORCE CALIPER MICROTECH

ISO/IES 17025:2006 (cert. № 4K051)

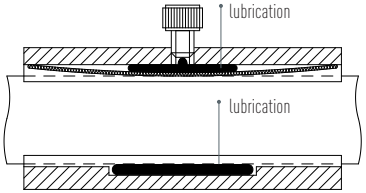
Quality management system
ISO 9001:2015 (cert. № U228396)

1.MODIFICATIONS

Item No	Range	Resolution	Accuracy*	Jaw length	Proof	Optimal measuring force	Guides lubrication	Data output
	mm	mm	mm	mm		N		
141088192	0-150	0,005	±0,010	40	IP-54	8	-	Wireless
141089192	0-150	0,005	±0,010	40	IP-54	8	+	Wireless
141088292	0-200	0,005	±0,010	50	IP-54	8	-	Wireless
141089292	0-200	0,005	±0,010	50	IP-54	8	+	Wireless
141088392	0-300	0,005	±0,015	60	IP-54	8	-	Wireless
141089392	0-300	0,005	±0,015	60	IP-54	8	+	Wireless

*MAX ERROR FOR INTERNAL END DEPTH MEASUREMENTS DIN-862

Modifications with lubrication of guides for easy sliding



2.BUTTON FUNCTIONS

WIRELESS button
Push 2 sec for switch on
One Push for data transfer

WIRELESS status indicator

Switch between metric and English measurement systems

Setting base ZERO point (5 sec switch)

Switching on/off

Switching between absolute and relative measurement (display INC) or setting ZERO

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. Force is generated with a measuring force indication. To create the recommended force (8N) by the block adjustment and press ZERO button.
3.4 During the measurement, measuring jaws should to sum to the measured object without knocking.
3.5 During the measurement avoid warps of measuring surfaces of the instrument. Measuring surface must be fully in contact with the measurement object.
3.6 Optimal measuring force for this size caliper 8±2N. During a measuring process control optimal measuring force on Measuring force indication window.
3.7 After finishing work wipe the measuring surfaces of the caliper with a cloth soaked in gasoline and apply anticorrosion oil.

4.WIRELESS DATA TRANSFER

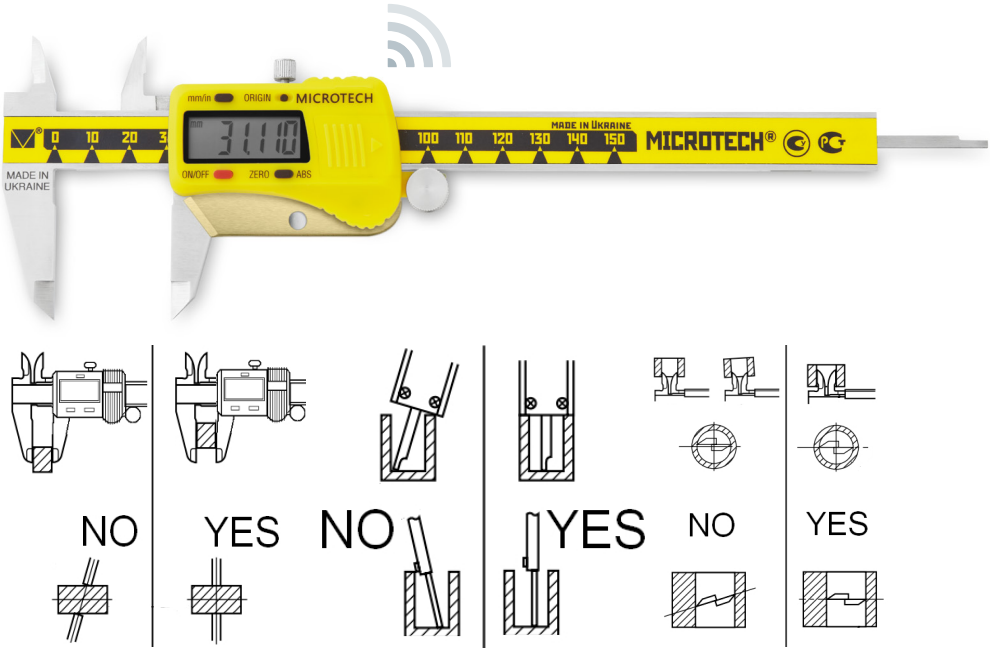
4.1 MICROTECH Wireless caliper equipped with Built-in Wireless data output module for transfer measuring results to Android, iOS devices or Windows PC
- For **SWITCH ON** wireless module push Wireless button (2 sec);
- Red diode is flickering on caliper screen, when Wireless module switch on;
- After 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 sitched off automaticaly 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

DOWNLOAD SOFTWARE ON
WWW.MICROTECH.UA

6.INSTRUMENT FIGURE



Change without prior notice

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