PRECISION FORCE CALIPER MICROTECH

ISO/IES 17025:2006 (cert. № 4K051)

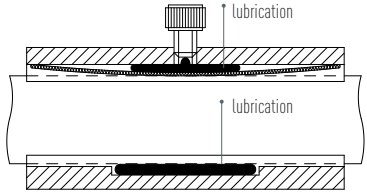
Quality management system
ISO 9001:2015 (cert. № U228396)

1.MODIFICATIONS

Item No	Range	Resolution	Accuracy*	Jaw lenth	Optimal measuring force	Guides lubrication
	mm	mm	mm	mm	N	
141088152	0-150	0,005	±0,010	40	8	-
141089152	0-150	0,005	±0,010	40	8	+
141088252	0-200	0,005	±0,010	50	8	-
141089252	0-200	0,005	±0,010	50	8	+
141088352	0-300	0,005	±0,015	60	8	-
141089352	0-300	0,005	±0,015	60	8	+

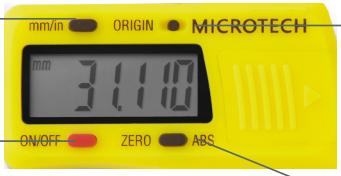
*MAX ERROR FOR INTERNAL END DEPTH MEASUREMENTS DIN-862

Modifications with lubrication of guides for easy sliding



2.BUTTON FUNCTIONS

Switch between metric and English measurement systems



ORIGIN function after battery change (Press 5 sec)

ON/OFF function

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.

WARNING!

IN THE PROCESS OF WORKING WITH CALIPERS SHOULD BE AVOIDED:
Scratches on the measuring surfaces;
Measuring the size of object in the process of machining;
Shocks or dropping, avoid bending of rod or other surfaces.

4.INSTRUMENT FIGURE