PRECISION FORCE WATERPROOF IP67 CALIPER MICROTECH

ISO/IES 17025:2006 (cert. № 4K051)

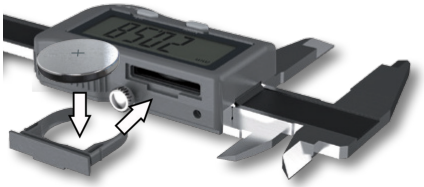
Quality management system
ISO 9001:2015 (cert. № U228396)

1.MODIFICATIONS

Item No	Range	Resolution	Accuracy*	Jaw		Protection class	Measuring force	Depth rod	Lubrication system
				External	Internal				
	mm	mm	mm	mm	mm		N	mm	
141077122	0-150	0,01	±0,010	40	16	IP-67	8	4x1,4	+
141077222	0-200	0,01	±0,010	50	20	IP-67	8	4x1,4	+
141077322	0-300	0,01	±0,020	60	20	IP-67	8	4x1,4	+

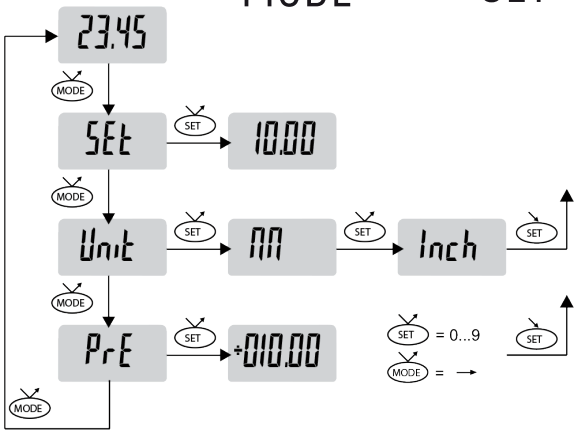
*MAX ERROR FOR INTERNAL END DEPTH MEASUREMENTS DIN-862

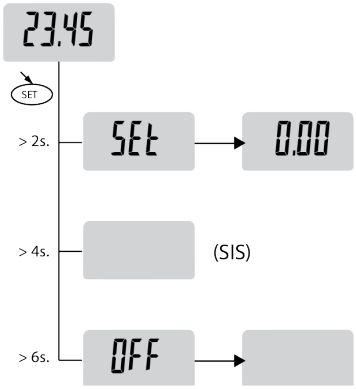
2.BUTTON FUNCTIONS & BATTERY REPLACEMENT



BATTERY REPLACEMENT

MODE SET





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 CR2032) according to the polarity of the electrodes. Blinking display information or absence suggests replacing battery.
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 SET 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.

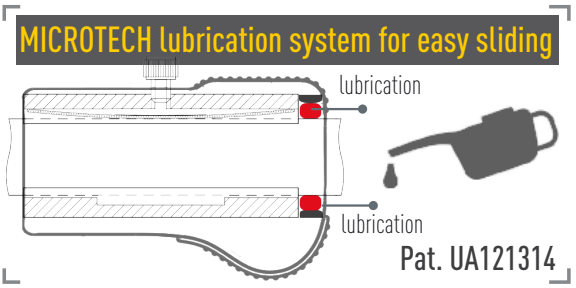
WARNING!

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.

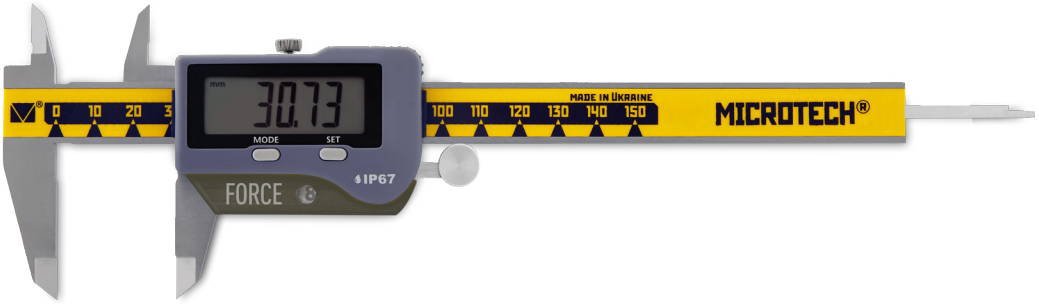
4.DIGITAL BLOCK CHARACTERISTIC

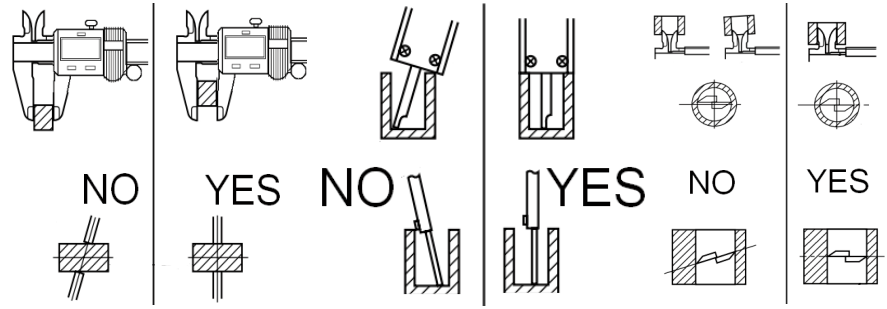
Item No	Range
	mm
Repeatability	10μ
Max slider speed	max 2,5 m/s
Display refresh rate	>10/s
Mean power consupt.	45μA
Battery life	8000 h
IP specification	IP67 (IEC60529)

5.LUBRICATION SYSTEM



6.INSTRUMENT FIGURE





Change without prior notice

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