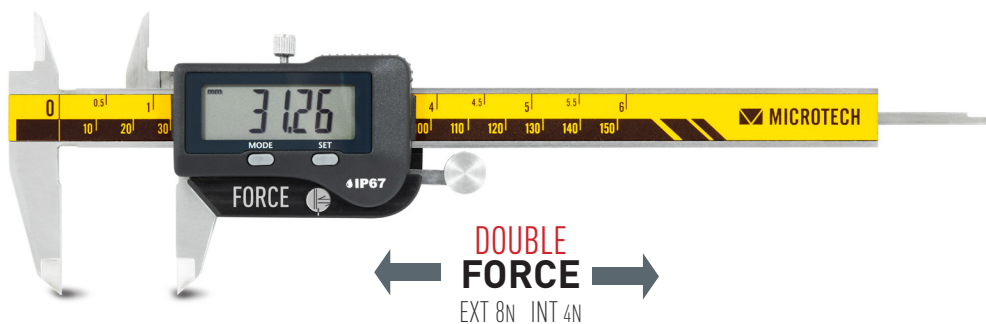




DOUBLE FORCE CALIPER MICROTECH

USER MANUAL



Calibration ISO 17025:2017

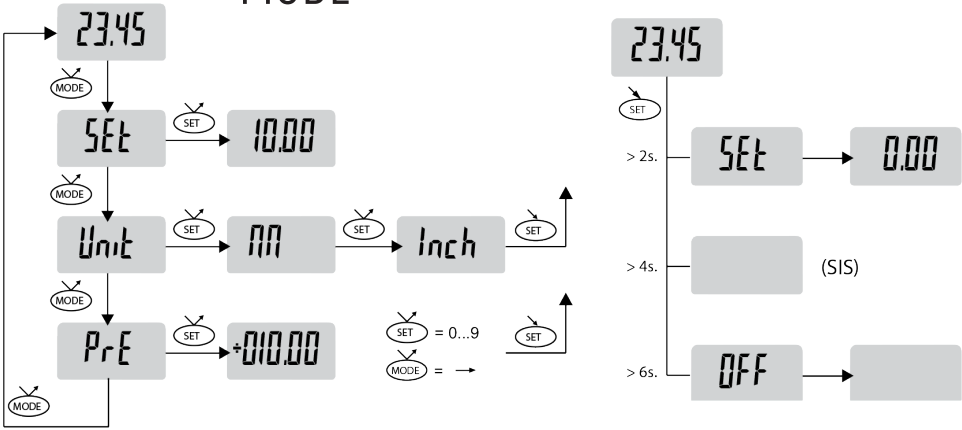
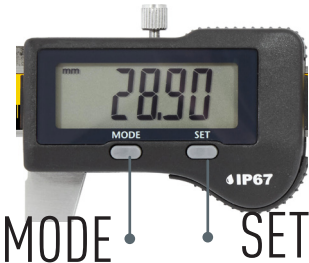


ISO 9001:2015

Item No	Range		Resolution	Accuracy*	Double force	Display	Protection	Carbide jaws
	mm	inch	mm	µm	N			
141078122	0-150	0-6"	0,01	±10	8 ext 4 int	Swiss Digit height 11mm	IP-67	
141078122C								•
141078222	0-200	0-8"		±10				
141078222C				±10				•
141078322	0-300	0-12"		±20				
141078322C				±20				•

*MAX ERROR FOR INTERNAL END DEPTH MEASUREMENTS DIN-862

BUTTON FUNCTIONS



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)

OPERATION INSTRUCTIONS



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.

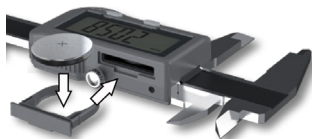
This caliper has Autoswitch on/ off function:

- move electronic module for switch on caliper
- after 10 minutes without any moving caliper will switch off

After finishing work wipe the measuring surfaces of the caliper with a cloth soaked in gasoline and apply anticorrosion oil

BATTERY REPLACEMENT

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.



DOUBLE FORCE CONTROL MEASURING

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 $8 \pm 2\text{N}$.



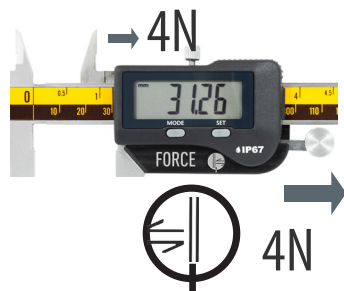
INTERNAL MEASURING with FORCE 4N

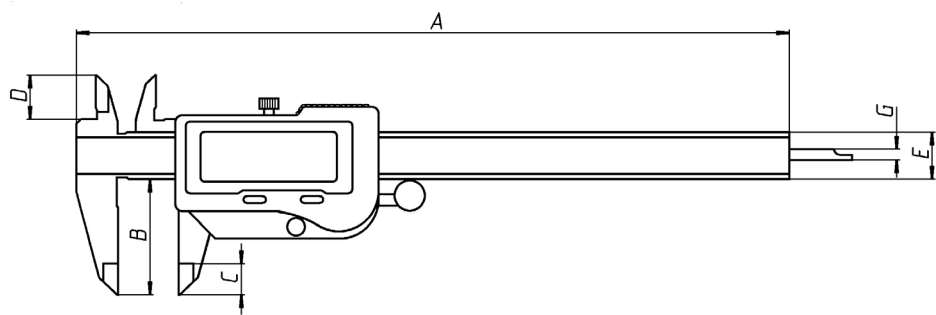
PRESET INTERNAL VALUE

- 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.

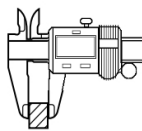
INTERNAL MEASURING

- When double-lines on Force indicator in right position - Measuring Force on Internal jaws $4 \pm 1\text{N}$.

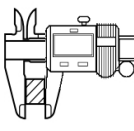




Item No	DIMENSIONS						Display	Protection
	A	B	C	D	E	G		
	mm	mm	mm	mm	mm	mm		IP
141078122	235	40	10	16	16	4x1,4	Swiss Digit height 11mm	IP-67
141078122C								
141078192								
141078192C								
141078222	290	50	10	18	16	4x1,4	Swiss Digit height 11mm	IP-67
141078222C								
141078292								
141078292C								
141078322	395	60	11	21	16	4x1,4	Swiss Digit height 11mm	IP-67
141078322C								
141078392								
141078392C								



NO



YES



NO



YES



NO



YES

