

# PRECISION DIGITAL CALIPER MICROTECH

## USER MANUAL



Calibration ISO 17025:2017

ISO 9001  
BUREAU VERITAS  
Certification



ISO 9001:2015

Item No	Range		Resolution	Accuracy	Display	Protection
	mm	inch	mm	µm		
141082112	0-150	0-6"	0,005	±20	Digit height 9mm	IP-54
141082212	0-200	0-8"		±20		IP-54
141082312	0-300	0-12"		±30		IP-54

\*MAX ERROR FOR INTERNAL END DEPTH MEASUREMENTS DIN-862

## BUTTON FUNCTIONS

Switch between metric and English measurement systems

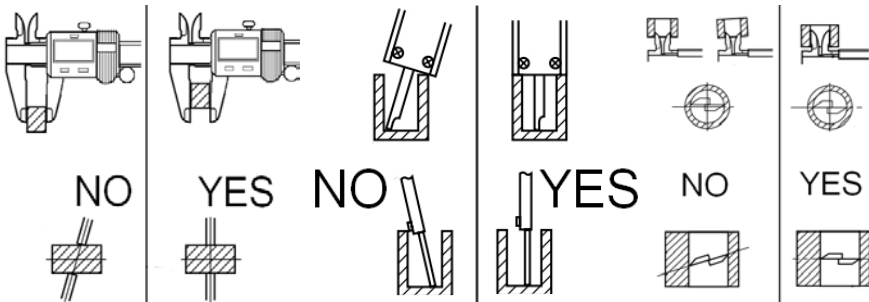


ORIGIN function after battery change (Press 5 sec)

ON/OFF function

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

## CORRECT MEASUREMENTS



## 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 During the measurement avoid warps of measuring surfaces of the instrument. Measuring surface must be fully in contact with the measurement object.

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



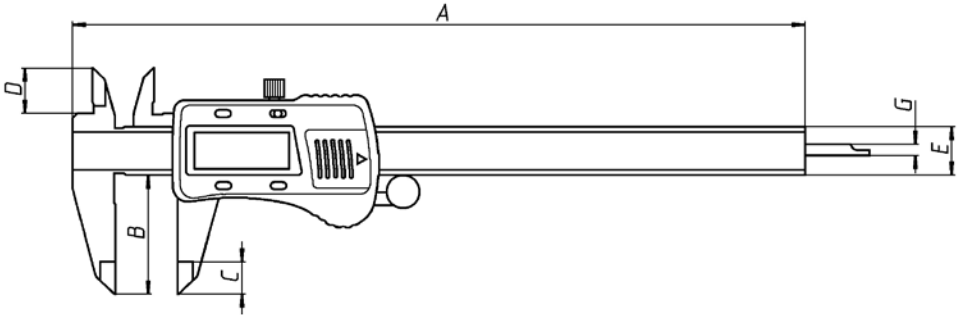
## WARNING!

**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.**



Item No	DIMENSIONS						Display	Protection
	A	B	C	D	E	G		
	mm	mm	mm	mm	mm	mm		
141082112	235	40	10	16	16	4x1,4	Digit height 9mm	IP-54
141082212	290	50	10	18	16	4x1,4		IP-54
141082312	395	60	11	21	16	4x1,4		IP-54

## FUNCTIONS

IP54 ELECTRONICS  
HAND FINISHED SURFACES  
CR1632 3V BATTERY

MM/INCH  
POSITION MEMORIZED  
AUTO WAKE UP & SWITCH OFF

## OPTIONAL ACCESORIES

