WIRELESS TO MDS APP
WIRELESS HID+MAC

Windows · android · LINUX · macOS · iOS

mm **38.46**

MODE SET

IP67

MICROTECH

WIRELESS CALIPER IP67 MICROTECH

USER MANUAL

ilac-MRA Calibration ISO 17025:2017

ISO 9001
BUREAU VERITAS
Certification ISO 9001:2015

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Carbide jaws	Preset	mm/inch	Auto on/off	Measuring system	Max slider speed	Display
	mm	inch	mm	µm									
141072122	0-150	0-6"		±20	40/16			•	•	•			
141072122C							•	•	•	•			
141072222	0-200	0-8"	0,01	±20	50/17	IP-67		•	•	•	Sylvac	2.5 m/s	Digit height 11 mm
141072222C							•	•	•	•			
141072322	0-300	0-12"		±30	60/20			•	•	•			
141072322C							•	•	•	•			

*MAX ERROR FOR INTERNAL END DEPTH MEASUREMENTS DIN-862

DIMENSIONS
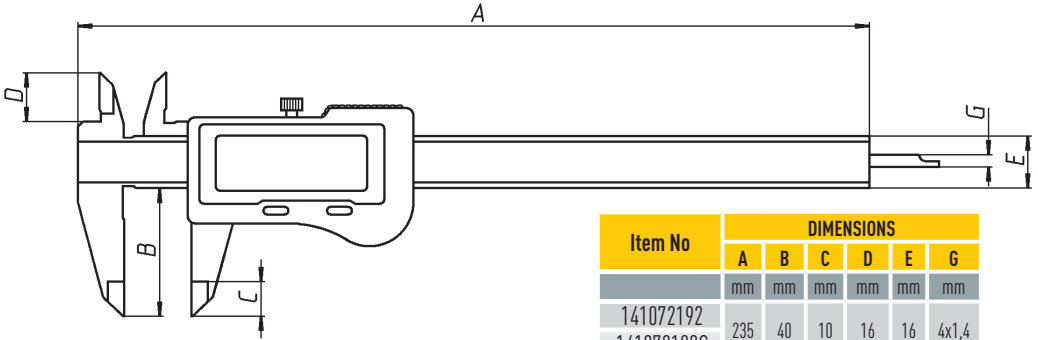
Item No	DIMENSIONS					
	A	B	C	D	E	G
	mm	mm	mm	mm	mm	mm
141072192	235	40	10	16	16	4x1,4
141072192C						
141072292	290	50	10	18	16	4x1,4
141072229C						
141072392	395	60	11	21	16	4x1,4
141072392C						

CORRECT MEASURINGS

NO   YES   NO   YES   NO   YES

BUTTON FUNCTIONS

MICROTECH

DATA

WIRELESS to MDS

2s

5s

WIRELESS HID

5s

5s

WIRELESS HID+MAC

5s

MODE

`23.45`

↓ MODE

`SEt` → SET → `10.00`

↓ MODE

`Unit` → SET → `NN` → SET → `Inch` → SET

↓ MODE

`PrE` → SET → `÷010.00`

SET = 0...9   SET

MODE = →

↓ MODE

SET

`23.45`

↓ SET

> 2s. → `SEt` → `0.00`

> 4s. → (SIS)

> 6s. → `OFF`
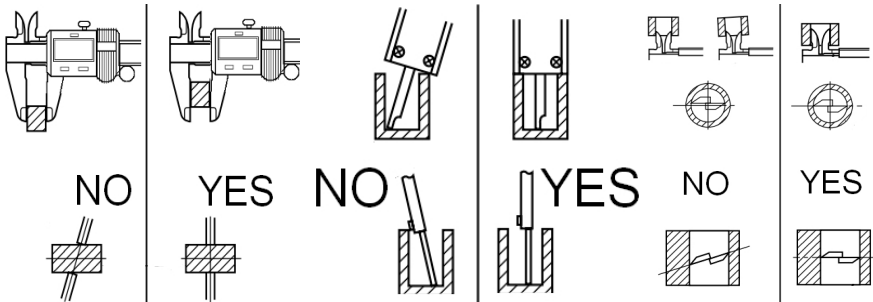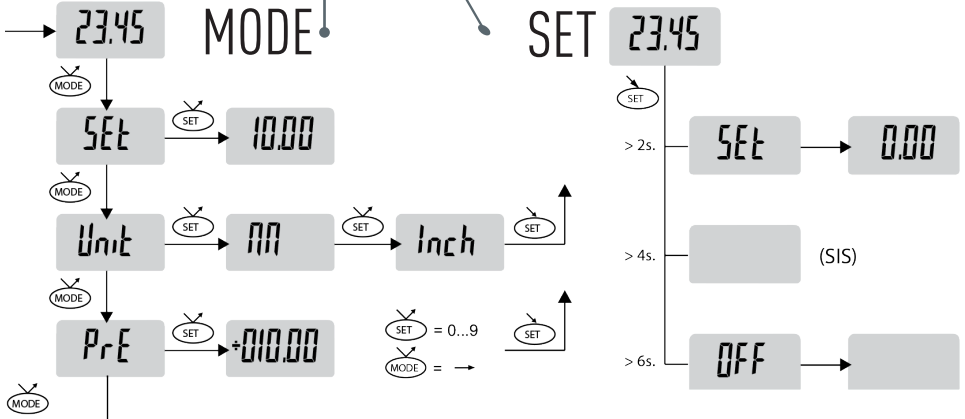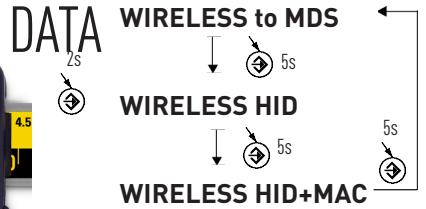
OPERATION INSTRUCTIONS

Wipe with a clean cloth, soaked in gasoline, measuring surface of the frame and gauge calipers to remove anti-corrosion oil. If necessary, open the battery cover; insert the battery (type CR2032) according to the polarity of the electrodes.

BATTERY REPLACEMENT

This caliper has Autoswitch on/ off function:
- move electronic module for switch on caliper
- after 10 minutes without any moving caliper will switch off
During the measurement, measuring jaws should to sum to the measured object without knocking.
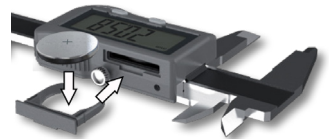
WARNING!

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.

MICROTECH — WIRELESS DATA TRANSFER MODES

MICROTECH caliper with Built-in Wireless data output module for transfer results

MODE		TRANSFER DATA	Switch ON	Switch OFF	Select MODE	indic.	DATA send
WIRELESS TO MDS	STANDARD	MICROTECH MDS app *Windows, Android, iOS, MacOS*	2s.	auto switch off when disconnect	STANDARD or ECO in MDS app	blinking **non stop**	push, or on MDS app
	ECO (GATT)		all time active			*no*	
WIRELESS HID		Direct to any customer app (like keyboard)	2s	auto switch off when disconnect or no data 10 min	5s. and connect BT on PC or Tablet	blinking **2 sec**	push
WIRELESS HID+MAC							

WIRELESS DATA TRANSFER CONNECTION

SWITCH ON WIRELESS module push ⊙ button *2 sec*;
In **WIRELESS TO MDS** 📶 non-stop blinking on display up to connection to MDS app
and selecting **STANDARD** or **ECO** sub-mode.   *ECO recomended for battery economy*
In **STANDARD** submode data transfer 4 times/sec and 📶 all time on display.
Push ⊙ button to save data to MDS app or use buttons and Timer inside app.
In **ECO (GATT)** submode caliper ready to transfer data any time with no indication.
Push ⊙ button to save data on MDS app.

For selecting next mode push ⊙ *5 sec*.
WIRELESS HID and **WIRELESS HID+MAC** 📶 blinking *2 sec* on display and will be ready
for searching on Tablet, Smartphone or Computer Bluetooth connections.
After succesfull connection save data to customers app with push ⊙ button.

POWER CONSUMPTION

MODE		TRANSFER DATA
WIRELESS OFF		45 µA
WIRELESS TO MDS	STANDARD	2.0 mA
	ECO (GATT)	45-100 µA
WIRELESS HID		0.4 mA
WIRELESS HID+MAC		0.4 mA

DOWNLOAD MICROTECH MDS APP

Link to to Download MICROTECH MDS app for Windows,
Android, iOS, MAcOS on www.microtech.tools

VIDEO MANUAL

Video manual with Connection on MICROTECH YouTube
*https://www.youtube.com/@Microtech-Instruments*or by QR code scanning

Changing without prior notice