

WIRELESS OFFSET CENTERLINE CALIPER IP67

USER MANUAL



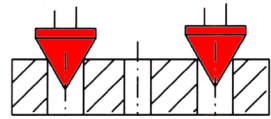
Calibration ISO 17025:2017

ISO 9001
BUREAU VERITAS
Certification



ISO 9001:2015

Item No	Range		Reso- lution	Accu- racy	Anvil D		Protection	Preset
					standard	option		
	mm	inch			mm	μm		
141730154	10-160	0.4-6.4"						•
141730204	10-210	0.4-8.4"	0,01	±30	10	20, 35	IP67	•
141730304	10-310	0.4-12.4"						•



OPERATION INSTRUCTIONS

OFFSET CENTERLINE calipers equipped with special jaws for measuring center to center distance.

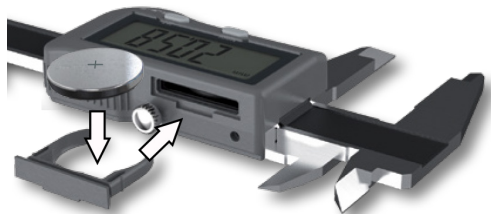
Wipe with a clean cloth, soaked in gasoline, measuring surface of the frame and gauge calipers to remove anti-corrosion oil. If necessary, open the battery cover; insert the battery (type CR2032) according to the polarity of the electrodes.

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.

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



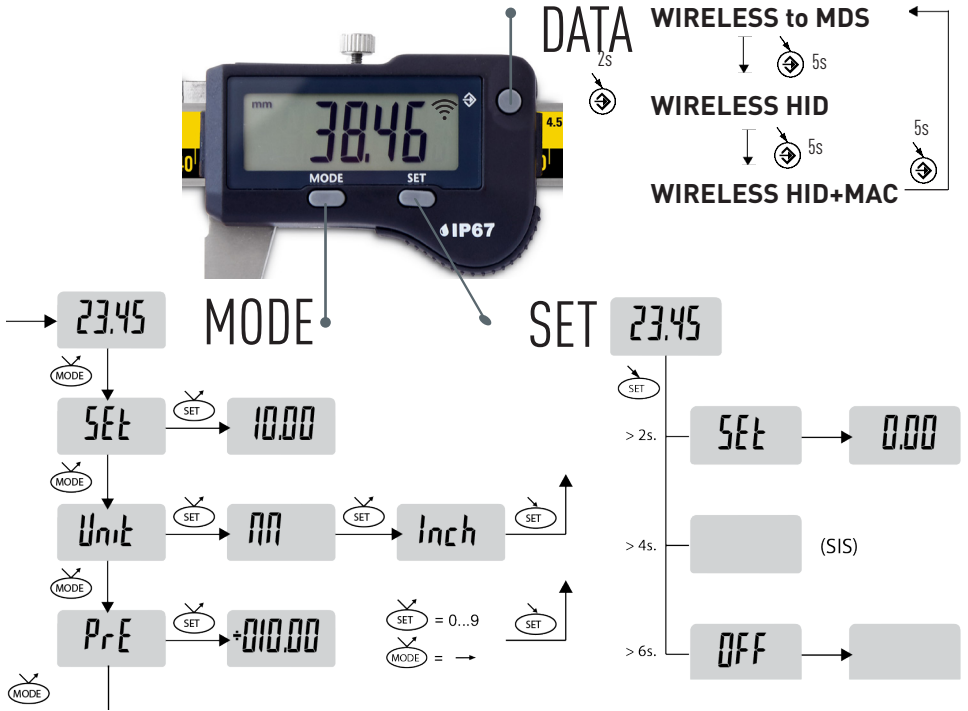
BATTERY REPLACEMENT

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.











BUTTON FUNCTIONS




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

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

MODE		TRANSFER DATA	Switch ON	Switch OFF	Select MODE	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	indic.  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.	 blinking 2 sec  push
WIRELESS HID+MAC			 2s		and connect BT on PC or Tablet	

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 recommended 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.

DOWNLOAD APP



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

