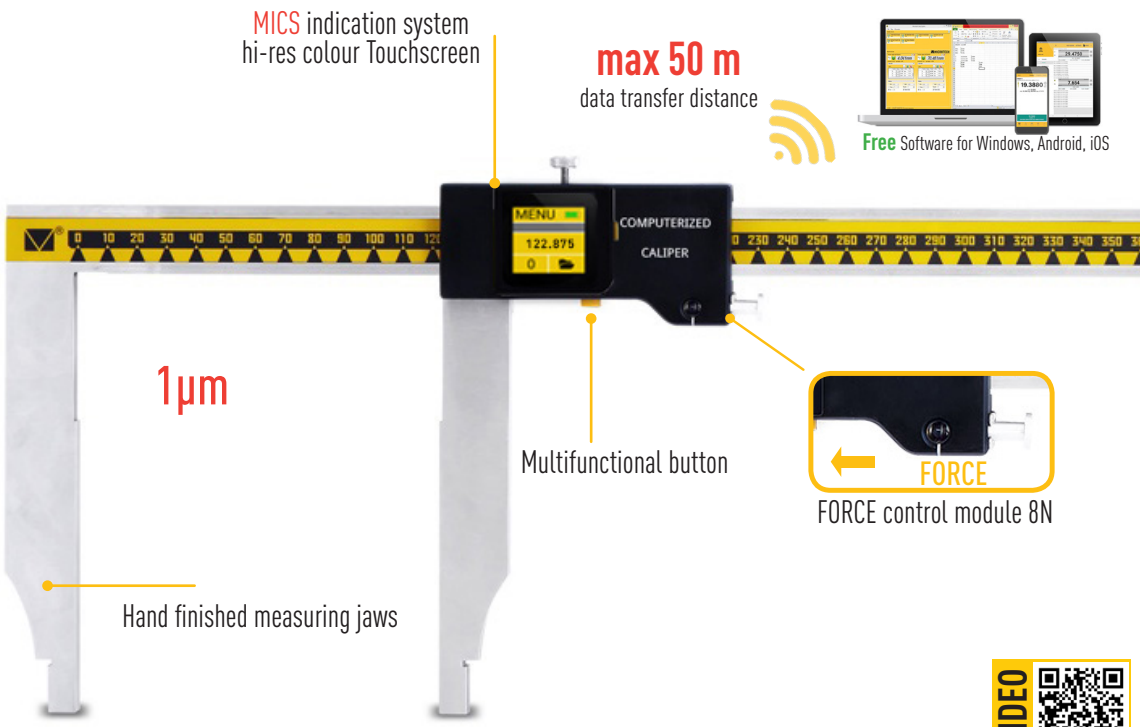
LONG JAW COMPUTERIZED CALIPER WIRELESS

- Patent US10184772, UA99688, UA104879, UA126928 by MICROTECH
- Resolution 1 or 10 microns
- Modifications with jaws up to 300mm
- INTELLIGENT computerized indication system MICS with colour touchscreen display adaptedto Industry 4.0
- Functions: Go/NoGo, Max/Min, Memory, Statistic, Timer, Formula, mm/inch, Preset, Calibration date, Lock, Mathematical & Temperature error compensation, Switch off, Brighness, Rotation, Rechargeable Li-Pol battery
- Wireless data transfer to Windows, Android, iOS applications with distance up to 50 m
- FREE version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))

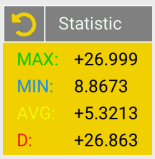


COMPUTERIZED MICS SYSTEM FUNCTIONS

TOUCHSCREEN OPERATION

ERGONOMIC MENU

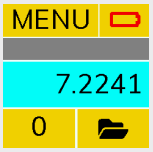
INTERNAL MEMORY



STATISTIC INFO

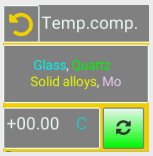
RESOLUTION UP TO 0,1 MICRON

COLOUR GO/NOGO



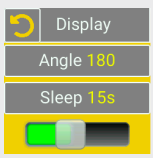
MAX/MIN READING

FORMULA MODE (PRESET AND OTHER)



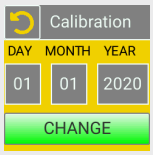
TEMPERATURE COMPENSATION FOR 7 TYPES OF MATERIALS

MATHEMATICAL ERROR COMPENSATION



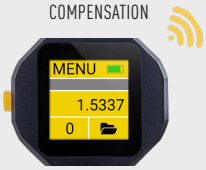
DISPLAY ROTATION AND BRIGHTNESS

DATA TRANSFER BY TIMER



CALIBRATION DATACONTROL

FREE SOFTWARE FOR WINDOWS, ANDROID, IOS



DATA TRANSFER BY TOUCH-SCREEN OR BUTTON PUSH

4.0 INDUSTRY 4.0 READY

1µm RESOLUTION

IP65 PROTECTION

µm WIRELESS DATA TRANSFER

8N FORCE CONTROL

Go NoGo TOLERANCE FUNCTION

1000 values MEMORY MANAGER

Ax²+Bx+C PRESET FORMULA MODE

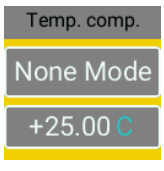
TEMPERATURE COMPENSATION

LONG JAW COMPUTERIZED CALIPER WIRELESS

Item No	Range		Resolution		Jaws	Accuracy	Measuring force	Carbide tips	Indication	Data output	Calibration
	mm	inch	mm	inch	mm	µm	N			Wireless	ISO17025
141005216	0-500	0-20"	0,01	0,0005"	100	±30	15N	-	computerized MICS system with 1,54" touchscreen	max 50 m	+
141005217			0,001	0.00005"		±20	15N	-		max 50 m	+
141005226			0,01	0,0005"	150	±30	15N	-		max 50 m	+
141005227			0,001	0.00005"		±25	15N	-		max 50 m	+
141005256			0,01	0,0005"	300	±30	25N	-		max 50 m	+
141005257			0,001	0.00005"		±30	25N	-		max 50 m	+
141006216	0-630	0-25"	0,01	0,0005"	100	±30	15N	-		max 50 m	+
141006217			0,001	0.00005"		±20	15N	-		max 50 m	+
141006256			0,01	0,0005"	300	±30	25N	-		max 50 m	+
141006257			0,001	0.00005"		±30	25N	-		max 50 m	+
141010216	0-1000	0-40"	0,01	0,0005"	150	±50	15N	-		max 50 m	+
141010217			0,001	0.00005"		±40	15N	-		max 50 m	+
141010256			0,01	0,0005"	300	±50	25N	-		max 50 m	+
141010257			0,001	0.00005"		±40	25N	-		max 50 m	+
141015216	0-1500	0-60"	0,01	0,0005"	150	±60	15N	-		max 50 m	+
141015217			0,001	0.00005"		±50	15N	-		max 50 m	+
141015256			0,01	0,0005"	300	±60	25N	-		max 50 m	+
141015257			0,001	0.00005"		±50	25N	-		max 50 m	+
141020216	0-2000	0-80"	0,01	0,0005"	150	±60	15N	-		max 50 m	+
141020217			0,001	0.00005"		±50	15N	-		max 50 m	+
141020256			0,01	0,0005"	300	±60	25N	-		max 50 m	+
141020257			0,001	0.00005"		±50	25N	-		max 50 m	+
CARBIDE JAWS											
141005216C	0-500	0-20"	0,01	0,0005"	100	±30	15N	+	computerized MICS system with 1,54" touchscreen	max 50 m	+
141005226C					150	±30	15N	+		max 50 m	+
141005256C					300	±30	25N	+		max 50 m	+
141010216C	0-1000	0-40"			150	±50	15N	+		max 50 m	+
141010256C					300	±50	25N	+		max 50 m	+
141015216C	0-1500	0-60"			150	±60	15N	+		max 50 m	+
141015256C					300	±60	25N	+		max 50 m	+
141020216C	0-2000	0-80"			150	±60	15N	+		max 50 m	+
141020256C					300	±60	25N	+		max 50 m	+

OPTIONAL TEMPERATURE MAGNETIC SENSOR

Item No	Range	Resolution
	°C	°C
141000007	0-50	0,1



- Magnetic sensor for measuring detail temperatute
- Details size recalculation inside calipers computerized module
- Recalculation for 7 types of materials in range 0-50 °C