

# SUB-MICRON COMPUTERIZED THREE POINT INTERNAL MICROMETER **WIRELESS**

- Patent UA99686, UA103981, UA126928, UA131637, WO2016124990 by MICROTECH
- Resolution **0,1 μm**
- Optional extensions with length up to 3 m
- Completing with setting rings
- **INTELLIGENT** computerized indication system **MICS** with colour touchscreen display adapted to Industry 4.0
- Functions: Go/NoGo, Max/Min, Memory, Statistic, Timer, Formula, mm/inch, Preset, Calibration date, Lock, Mathematical & Temperature error compensation, Switch off, Brightness, 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))

**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



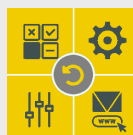
**0.1 μm**



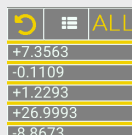
## COMPUTERIZED **MICS** SYSTEM FUNCTIONS



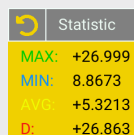
TOUCHSCREEN OPERATION



ERGONOMIC MENU



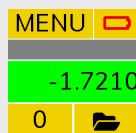
INTERNAL MEMORY



STATISTIC INFO



RESOLUTION UP TO 0,1 MICRON



COLOUR GO/NOGO



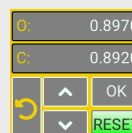
MAX/MIN READING



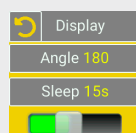
FORMULA MODE (PRESET AND OTHER)



TEMPERATURE COMPENSATION FOR 7 TYPES OF MATERIALS



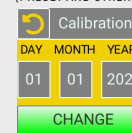
MATHEMATICAL ERROR COMPENSATION



DISPLAY ROTATION AND BRIGHTNESS



DATA TRANSFER BY TIMER



CALIBRATION DATA CONTROL



FREE SOFTWARE FOR WINDOWS, ANDROID, IOS



DATA TRANSFER BY TOUCHSCREEN OR BUTTON PUSH

4.0

INDUSTRY 4.0  
READY

0.1 μm

RESOLUTION

μm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

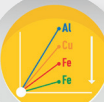
1000 values



MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



## SUB-MICRON COMPUTERIZED THREE POINT INTERNAL MICROMETER WIRELESS

Item No	Range		Resolution		Accuracy	Max depth	Setting ring	Indication	Data output	Calibration
	mm	inch	mm	inch	μm	mm			Wireless	
133700210	2-2,5	0.08-0.09"	0,0001	0.00001"	±3	154	+	computerized MICS system with 1,54" touchscreen	max 50m	+
133700310	2,5-3	0.09-0.12"			±3	154	+		max 50m	+
133700410	3-4	0.12-0.16"			±3	154	+		max 50m	+
133700510	4-5	0.16-0.20"			±3	154	+		max 50m	+
133700610	5-6	0.20-0.24"			±4	154	+		max 50m	+
133700810	6-8	0.24-0.32"			±4	154	+		max 50m	+
133701010	8-10	0.32-0.4"			±4	154	+		max 50m	+
133701210	10-12	0.4-0.5"			±4	154	+		max 50m	+
133701610	12-16	0.5-0.63"			±4	230	+		max 50m	+
133702010	16-20	0.63-0.8"			±4	230	+		max 50m	+
133702510	20-25	0.8-1"			±4	240	+		max 50m	+
133703010	25-30	1-1.2"			±4	240	+		max 50m	+
133704010	30-40	1.2-1.6"			±4	240	+		max 50m	+
133705010	40-50	1.6-2"			±4	240	+		max 50m	+
133707010	50-70	2-3"			±4	250	+		max 50m	+
133710010	70-100	3-4"			±4	250	+		max 50m	+
133715010	100-150	4-6"			±4	250	+		max 50m	+
133725010	150-250	6-10"			±5	250	+		max 50m	+
133730010	200-300	8-12"			±6	250	+		max 50m	+
133750010	200-500	8-20"			±8	650	+		max 50m	+
133790011	200-1000	8-40"	±11	1150	+	max 50m	+			

## SETS SUB-MICRON COMPUTERIZED THREE POINT INTERNAL MICROMETER WIRELESS

Item No	Range		Resolution		Accuracy	Measuring heads	Setting rings	Max depth	Setting ring	Indication	Data output	Calibration
	mm	inch	mm	inch	μm		mm		Wireless			
133700203	2-3	0.08-0.12"	0,0001	0.00001"	±3	2 pcs	1pcs	12,5	+	computerized MICS system with 1,54" touchscreen	max 50m	+
133370306	3-6	0.12-0.24"			±3	3 pcs	3pcs	22,5	+		max 50m	+
133370612	6-12	0.24-0.5"			±3	3 pcs	3pcs	50+100	+		max 50m	+
133371220	12-20	0.5-0.8"			±3	2pcs	1pcs	80+150	+		max 50m	+
133372050	20-50	0.8-2"			±3	4pcs	2pcs	90+150	+		max 50m	+
133375090	50-100	2-4"			±4	2pcs	1pcs	107+150	+		max 50m	+
133579125	100-250	4-10"			±4	2pcs	1pcs	107+150	+		max 50m	+

## EXTENSIONS FOR THREE POINT INTERNAL MICROMETER WIRELESS

Item No	For Range	Lenght	Modules
	mm	mm	qty
133020100	20-30	1000	1
133020200		2000	1
133050100	30-50	1000	1
133050200		2000	1
133090050	50-1000	500	1
133090100		1000	1
133090200		2000	2
133090300		3000	3

