

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
- **Long range** Wireless data transfer to Windows, Android, iOS applications
- **FREE** version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))



4.0

INDUSTRY 4.0
READY

0.1 μm

RESOLUTION

μm

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax²+Bx+C
PRESET

FORMULA MODE

Graph showing temperature compensation curves for different materials.

TEMPERATURE
COMPENSATION

Graph showing error compensation curves.

ERROR COMPENSATION

COMPUTERIZED **MICS** SYSTEM FUNCTIONS



TOUCHSCREEN OPERATION



ERGONOMIC MENU



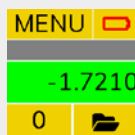
INTERNAL MEMORY



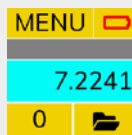
STATISTIC INFO



RESOLUTION UP TO **0,1 MICRON**



COLOUR GO/NOGO



MAX/MIN READING



FORMULA MODE (PRESET AND OTHER)



TEMPERATURE COMPENSATION FOR 7 TYPES OF MATERIALS



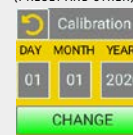
MATHEMATICAL ERROR COMPENSATION



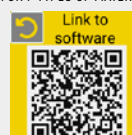
DISPLAY ROTATION AND BRIGHTNESS



DATA TRANSFER BY TIMER



CALIBRATION DATA CONTROL



FREE SOFTWARE FOR WINDOWS, ANDROID, IOS



DATA TRANSFER BY TOUCHSCREEN OR BUTTON PUSH

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	Long range	+
133700310	2,5-3	0.09-0.12"			±3	154	+		Long range	+
133700410	3-4	0.12-0.16"			±3	154	+		Long range	+
133700510	4-5	0.16-0.20"			±3	154	+		Long range	+
133700610	5-6	0.20-0.24"			±4	154	+		Long range	+
133700810	6-8	0.24-0.32"			±4	154	+		Long range	+
133701010	8-10	0.32-0.4"			±4	154	+		Long range	+
133701210	10-12	0.4-0.5"			±4	154	+		Long range	+
133701610	12-16	0.5-0.63"			±4	230	+		Long range	+
133702010	16-20	0.63-0.8"			±4	230	+		Long range	+
133702510	20-25	0.8-1"			±4	240	+		Long range	+
133703010	25-30	1-1.2"			±4	240	+		Long range	+
133704010	30-40	1.2-1.6"			±4	240	+		Long range	+
133705010	40-50	1.6-2"			±4	240	+		Long range	+
133707010	50-70	2-3"			±4	250	+		Long range	+
133710010	70-100	3-4"			±4	250	+		Long range	+
133715010	100-150	4-6"			±4	250	+		Long range	+
133725010	150-250	6-10"			±5	250	+		Long range	+
133730010	200-300	8-12"			±6	250	+		Long range	+
133750010	200-500	8-20"			±8	650	+		Long range	+
133790011	200-1000	8-40"	±11	1150	+	Long range	+			

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	Long range	+
133370306	3-6	0.12-0.24"			±3	3 pcs	3pcs	22,5	+		Long range	+
133370612	6-12	0.24-0.5"			±3	3 pcs	3pcs	50+100	+		Long range	+
133371220	12-20	0.5-0.8"			±3	2pcs	1pcs	80+150	+		Long range	+
133372050	20-50	0.8-2"			±3	4pcs	2pcs	90+150	+		Long range	+
133375090	50-100	2-4"			±4	2pcs	1pcs	107+150	+		Long range	+
133579125	100-250	4-10"			±4	2pcs	1pcs	107+150	+		Long range	+

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