

SUB-MICRON INTELLIGENT COMPUTERIZED INSIDE MICROMETER

- Patent UA99688, UA103981, UA126928, UA131637, W02016124990 by MICROTECH
- For internal measurements
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS



4.0

INDUSTRY 4.0
READY

0.1µm

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



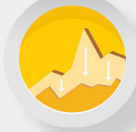
MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION

Item No	Range	Resolution	Accuracy	Extension rods	Protection class	Functions	Data output	
							USB	Wireless
133800100	150-1000	0,0001	±0,012	25, 50 (2pcs), 100, 200, 400	IP65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
133800150	150-1500	0,0001	±0,015	25, 50 (2pcs), 100 (2pcs), 200, 400 (2pcs)	IP65		+	max 50m
133800200	150-2000	0,0001	±0,020	25, 50 (2pcs), 100 (2pcs), 200 (2pcs), 400 (3pcs)	IP65		+	max 50m

SUB-MICRON PISTOL GRIP INTELLIGENT COMPUTERIZED BORE GAUGE

4.0

INDUSTRY 4.0
READY

0.1 μ m

RESOLUTION

μ m

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

- High accuracy up to $\pm 3\mu$ m
- For quick internal measurrings
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

Item No	Range	Resolution	Accuracy	Setting rings	Max depth	Functions	Data output	
							USB	Wireless
133500810	6-8	0,0001	$\pm 0,003$	+	50+100	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
133501010	8-10	0,0001	$\pm 0,003$	+	50+100		+	max 50m
133501210	10-12	0,0001	$\pm 0,003$	+	50+100		+	max 50m
133501610	12-16	0,0001	$\pm 0,003$	+	65+150		+	max 50m
133502010	16-20	0,0001	$\pm 0,003$	+	65+150		+	max 50m
133502510	20-25	0,0001	$\pm 0,003$	+	91+150		+	max 50m
135303010	25-30	0,0001	$\pm 0,003$	+	91+150		+	max 50m
133504010	30-40	0,0001	$\pm 0,003$	+	97+150		+	max 50m
133505010	40-50	0,0001	$\pm 0,004$	+	97+150		+	max 50m
133506310	50-63	0,0001	$\pm 0,004$	+	112+150		+	max 50m
133507510	62-75	0,0001	$\pm 0,004$	+	112+150		+	max 50m
133508810	75-88	0,0001	$\pm 0,004$	+	112+150		+	max 50m
133510010	87-100	0,0001	$\pm 0,004$	+	112+150		+	max 50m
133512510	100-125	0,0001	$\pm 0,004$	option	130+150		+	max 50m
133515010	125-150	0,0001	$\pm 0,004$	option	130+150		+	max 50m
133517510	150-175	0,0001	$\pm 0,004$	option	130+150		+	max 50m
133520010	175-200	0,0001	$\pm 0,004$	option	130+150		+	max 50m
133522510	200-225	0,0001	$\pm 0,006$	option	130+150		+	max 50m
133525010	225-250	0,0001	$\pm 0,006$	option	130+150		+	max 50m
133527510	250-275	0,0001	$\pm 0,006$	option	130+150		+	max 50m
133530010	275-300	0,0001	$\pm 0,006$	option	130+150		+	max 50m

SETS SUB-MICRON PISTOL GRIP COMPUTERIZED BORE GAUGE

Item No	Range	Resolution	Accuracy	Measuring heads	Setting rings	Max depth	Functions	Data output	
								USB	Wireless
133570612	6-12	0,0001	$\pm 0,003$	3 pcs	3pcs	50+100	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
133571220	12-20	0,0001	$\pm 0,003$	2pcs	1pcs	65+150		+	max 50m
133572050	20-50	0,0001	$\pm 0,003$	4pcs	2pcs	91+150		+	max 50m
133575090	50-100	0,0001	$\pm 0,004$	4pcs	2pcs	65+150		+	max 50m
133579120	100-200	0,0001	$\pm 0,004$	4pcs	optional	130+150		+	max 50m
133579230	200-300	0,0001	$\pm 0,006$	4pcs	optional	130+150		+	max 50m



MICROTECH

since 1995



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ISO 17025



ISO 9001:2015

SUB-MICRON INTELLIGENT COMPUTERIZED THREE POINT INTERNAL MICROMETER

- Patent UA99686, UA103981, UA126928, UA131637, W02016124990 by MICROTECH
- Resolution **0,1 μm**
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to **50 m** (external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Max depth	Functions	Data output	
						USB	Wireless
133700210	2-2,5	0,0001	±0,003	154	Error & Temp comp. Preset. Memory Max/ Min Limits	+	max 50m
133700310	2,5-3	0,0001	±0,003	154		+	max 50m
133700410	3-4	0,0001	±0,003	154		+	max 50m
133700510	4-5	0,0001	±0,003	154		+	max 50m
133700610	5-6	0,0001	±0,004	154		+	max 50m
133700810	6-8	0,0001	±0,004	154		+	max 50m
133701010	8-10	0,0001	±0,004	154		+	max 50m
133701210	10-12	0,0001	±0,004	154		+	max 50m
133701610	12-16	0,0001	±0,004	230		+	max 50m
133702010	16-20	0,0001	±0,004	230		+	max 50m
133702510	20-25	0,0001	±0,004	240		+	max 50m
133703010	25-30	0,0001	±0,004	240		+	max 50m
133704010	30-40	0,0001	±0,004	240		+	max 50m
133705010	40-50	0,0001	±0,004	240		+	max 50m
133707010	50-70	0,0001	±0,0035	250		+	max 50m
133710010	70-100	0,0001	±0,0035	250		+	max 50m
133715010	100-150	0,0001	±0,004	250		+	max 50m
133725010	150-250	0,0001	±0,005	250		+	max 50m
133730010	200-300	0,0001	±0,006	250		+	max 50m
133750010	200-500	0,0001	±0,008	650		+	max 50m
133790011	200-1000	0,0001	±0,011	1150		+	max 50m

SETS SUB-MICRON INTELLIGENT COMPUTERIZED THREE POINT INTERNAL MICROMETER

Item No	Range	Resolution	Accuracy	Measuring heads	Setting rings	Max depth	Functions	Data output	
								USB	Wireless
133700203	2-3	0,0001	±0,003	2 pcs	1pcs	12,5	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
13370306	3-6	0,0001	±0,003	3 pcs	3pcs	22,5		+	max 50m
13370612	6-12	0,0001	±0,003	3 pcs	3pcs	50+100		+	max 50m
13371220	12-20	0,0001	±0,003	2pcs	1pcs	80+150		+	max 50m
13372050	20-50	0,0001	±0,003	4pcs	2pcs	90+150		+	max 50m
13375090	50-100	0,0001	±0,004	2pcs	1pcs	107+150		+	max 50m
133579125	100-250	0,0001	±0,004	2pcs	1pcs	107+150		+	max 50m
133579230	200-300	0,0001	±0,006	4pcs	optional	130+150		+	max 50m

4.0

INDUSTRY 4.0
READY

0.1 μm

RESOLUTION



WIRELESS
DATA TRANSFER



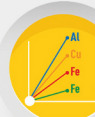
TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION

BIG DEPTH INTELLIGENT COMPUTERIZED THREE POINT INTERNAL MICROMETER

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

- Patent UA99686, UA103981, UA126928, UA131637, W02016124990 by MICROTECH
- For big depth internal measurements
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



UP TO 3000MM



Item No	Range	Resolution	Accuracy	Max depth	Functions	Data output	
						USB	Wireless
133757021	50-70	0,0001	±0,005	1000	Error & Temp comp. Preset. Memory Max/ Min Limits	+	max 50m
133707022	50-70	0,0001	±0,007	2000		+	max 50m
133707023	50-70	0,0001	±0,008	3000		+	max 50m
133710021	70-100	0,0001	±0,006	1000		+	max 50m
133710022	70-100	0,0001	±0,008	2000		+	max 50m
133710023	70-100	0,0001	±0,009	3000		+	max 50m
133715021	100-150	0,0001	±0,007	1000		+	max 50m
133715022	100-150	0,0001	±0,008	2000		+	max 50m
133715023	100-150	0,0001	±0,010	3000		+	max 50m
133725021	150-250	0,0001	±0,009	1000		+	max 50m
133725022	150-250	0,0001	±0,011	2000		+	max 50m
133725023	150-250	0,0001	±0,012	3000		+	max 50m
133730021	200-300	0,0001	±0,009	1000		+	max 50m
133730022	200-300	0,0001	±0,011	2000		+	max 50m
133730023	200-300	0,0001	±0,013	3000		+	max 50m
133750021	200-500	0,0001	±0,010	1000		+	max 50m
133750022	200-500	0,0001	±0,012	2000		+	max 50m
133750023	200-500	0,0001	±0,015	3000		+	max 50m
133790022	200-1000	0,0001	±0,012	2000		+	max 50m
133790023	200-1000	0,0001	±0,015	3000		+	max 50m



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