



**Folders**

- 001
- 002
- + New

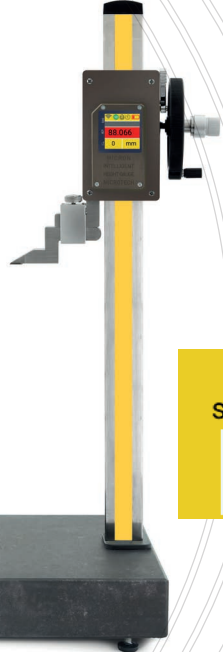
- Graph icon
- Wi-Fi icon
- Barcode icon
- + icon

0: 01.0000

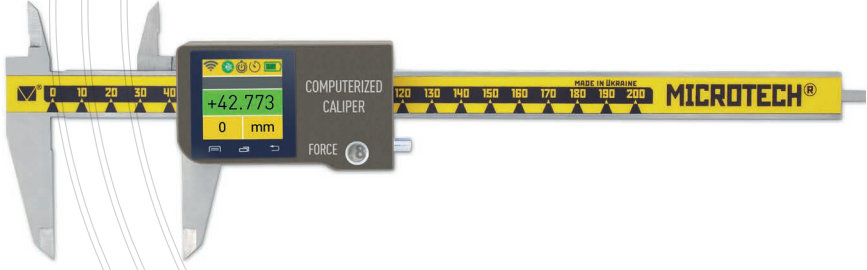
01.0010

↑ OK

↓ RESET



Link to software



**Calibration Date**

DAY MONTH YEAR

01 01 2020

CHANGE



**Temp. comp.**

None Mode

+25.00 C

**Timer**

+000 sec.

RESET

**Wireless Trans**

Normal

1 min

# MICROTECH

only innovative measuring INSTRUMENTS



Calibration ISO 17025:2017



ISO 9001:2015



MICROTECH  
founded

1995



Metrological  
laboratory  
founded

2003



Manufacturing  
department

2004



NEW MICROTECH  
factory

2008



Wireless data  
transfer  
solution

2010

# What is MICROTECH

- Manufacturing measuring and industrial instrument in Ukraine since 1995
- Manufacturing process according **ISO 9001:2015**
- Metrological laboratory accredited **ISO 17025:2015**
- Own IT & developing department patented in 75 types of instruments during 2015-2020
- Over 35 MICROTECH distributors worldwide
- **«Industry 4.0»** ready instruments





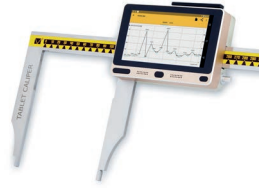
Big depth bore gauge

2012



Force caliper

2014



Tablet 4.0 computerized caliper

2015



Intelligent computerized caliper

2018



2D computerized height gauge

2020

## CONTENTS

Data transmission & Software

6



Computerized & Precision CALIPERS

8



Long Jaws & Big range CALIPERS

25



Computerized HEIGHT GAUGES

34



Computerized MICROMETERS

40



Computerized INTERNAL MICROMETERS

56



Computerized & Precision INDICATORS

60



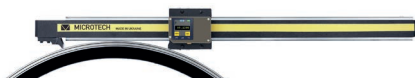
Thickness GAUGES

68



Bore GAUGES

74



Radius & Sphere GAUGES

76



LEVELS & PROTRACTORS

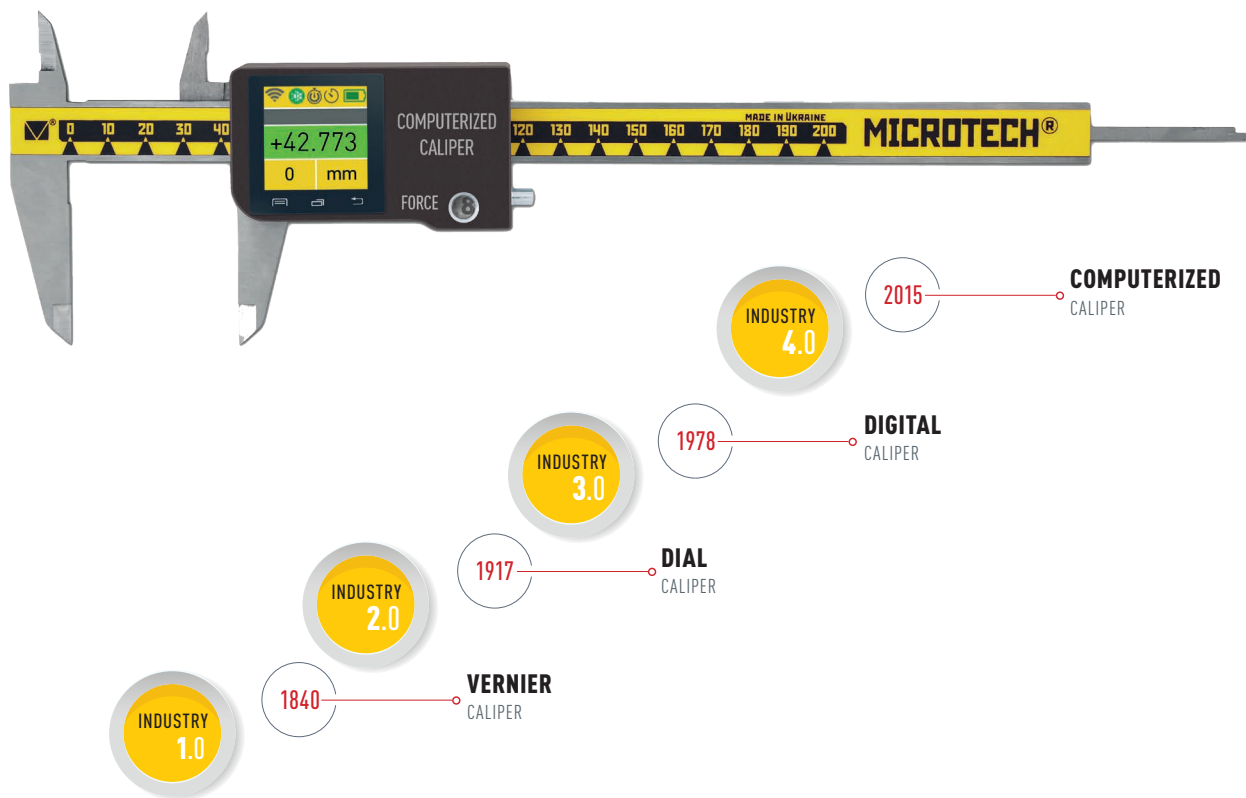
78



Computerized calibration STANDS

79

# INTELLIGENT COMPUTERIZED INSTRUMENTS FROM MICROTECH



MICROTECH introduced prototype of Computerized instrument on Control-2015 (Stuttgart).

On 2018 released serie of Intelligent computerized instruments, that have a lot of extended functions and advantages with standard measuring instruments:

- Preset, Formula mode, color indicated Go/NoGo, Max-Min functions
- Internal memory with saving and transfer data on Timer
- Resolution up to **0,1** microns (possible select in menu)
- Temperature compensation for 4 materials
- Mathematical error compensation
- Built in microcomputer with color 1,5" Touchscreen
- Wireless and USB data transfer to Android, iOS, Windows devices
- Built in rechargeable Li-Pol battery

For now MICROTECH use Intelligent technology in all range of products.

It's perfect solutions for calibration stands and customized products

MICROTECH make some updates in 2020 model year for devices:

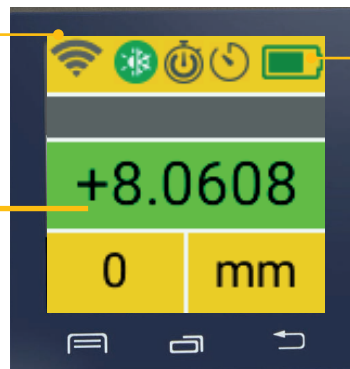
- New hi-res quick interface with extended functions
- Energy saving improved up to **10** times
- Memory manager with Folders systems
- Wireless data transfer up to **50** meters
- Password manager
- Calibration status control

# INTELLIGENT COMPUTERIZED INSTRUMENTS FROM MICROTECH

functions status

color indication Go/NoGo

mm/inch conversion



Folders	001
001	+0.0020
002	+1.5509
+ New folder	+11.0781

**MEMORY MANAGER**  
folders system



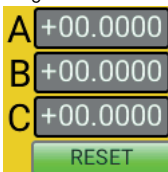
**LIMITS**  
color Go/NoGo

Max/Min



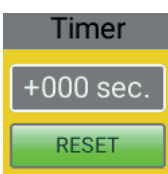
**MAX/MIN**

indicating max or min value



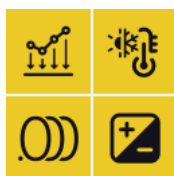
**FORMULA MODE**

$Ax^2+Bx+C$

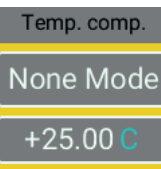


**TIMER MODE**

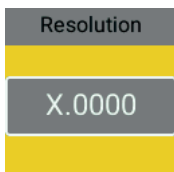
saving or transfer data on timer



**ERROR COMPENSATION**  
mathematical correction

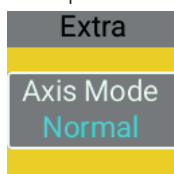


**TEMPERATURE COMPENSATION**  
manual correction 4 materials



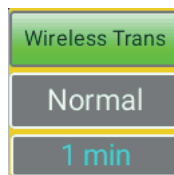
**RESOLUTION**

selected up to 0.0001mm

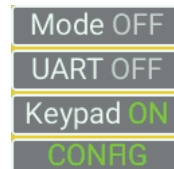


**AXIS MODE**

normal or inverted

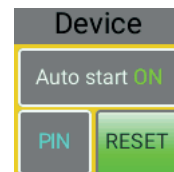


**WIRELESS**  
modes of data transmission



**USB**

USB connection configuration



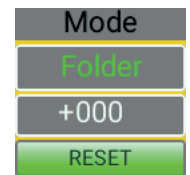
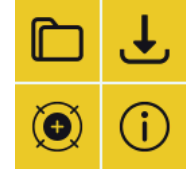
**DEVICE SETTING**

autostart, reset, password

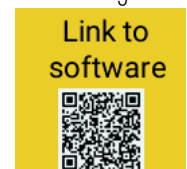


**SCREEN SETTING**

screen rotation, brightness

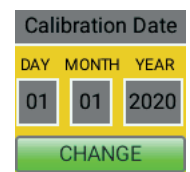


**MEMORY SETTING**  
folder configuration



**SOFTWARE**

link to download app



**CALIBRATION STATUS**

calibration date control



**DEVICE INFO**

service info about device



**MICROTECH**

since 1995



www.microtech.ua



ISO 17025



ISO 9001:2015

# WIRELESS AND USB DATA TRANSMISSION

- MICROTECH\_DATA Software (MDS) for WINDOWS PC , Android, iOS
- Available Lite **FREE** or **PRO** version
- Up to 16 instruments connection
- Transfer data from 1 instrument to several PC at the same time (in Energy saving mode) **NEW**
- Standard and Energy saving mode



VIDEO

## MICROTECH COMPUTERIZED & WIRELESS INSTRUMENTS



USB CONNECTION



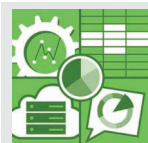
Windows



SAVING DATA TO XLS. CSV FORMATS



TRANSFER DATA TO CAD, SPC OR OTHER SOFTWARE



TRANSFER DATA TO EXCEL OR OTHER TABLE EDITORS



WIRELESS CONNECTION



iOS



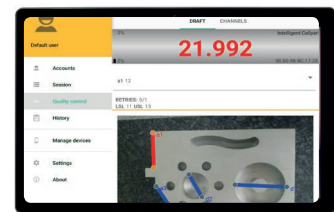
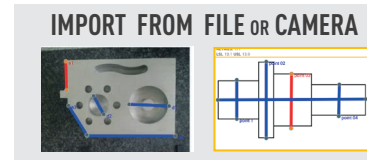
SAVING DATA TO XLS. CSV FORMATS



SAVING GRAPH



VOICE MODE



ANDROID



SAVING DATA TO XLS. CSV FORMATS



SAVING GRAPH






VOICE MODE



QUALITY CONTROL RESULTS

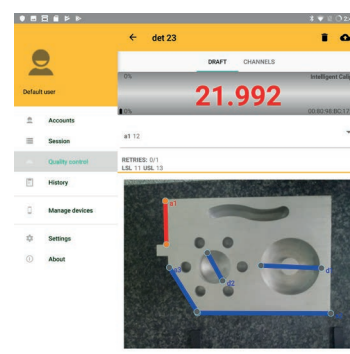


# SOFTWARE COMPARE

	MicrotechData for Windows		MicrotechData for Android		MicrotechData for iOS	
	LITE	PRO	LITE	PRO	LITE	PRO
	299100030	299100080	299100040	299100050	299100060	299100070
Platform	Windows 7, 8, 10		Android 6,0 +		iOS	
Max. instruments	2	<b>16</b>	2	<b>7</b>	2	<b>7</b>
Energy saving mode	+	+	+	+	+	+
Transfer data from 1 instrument to several PC	+	+	+	+	+	+
Max Distance, m	<b>10-50m (depends of instrument)</b>					
Dongle required for Wireless	+	+	-	-	-	-
Foot-Switch connection	+	+	-	-	-	-
Display value	+	+	+	+	+	+
Go/NoGo functions	+	+	+	+	+	+
Graphical mode	+	+	+	+	+	+
Timer	+	+				
Save data to xls	+	+	+	+	+	+
Save data to csv	+	+	+	+	+	+
Resend data to external programs	+	+	-	-	-	-
Save data	+	+	+	+	+	+
Save graph	-	-	+	+	+	+
Device battery status indication	-	-	+	+	+	+
Quality control mode	-	-	+	+	-	-
Import & processing details draws, photos	-	-	+	+	-	-
Voice mode	-	-	+	+	+	+
Multilanguage	+	+	+	+	+	+
Working with Touchscreen	+	+	+	+	+	+
Software download	<b>www.microtech.ua</b>		<b>GooglePlay</b>		<b>App Store</b>	
	<b>FREE</b>		<b>FREE</b>		<b>FREE</b>	
Download						

## ACCESSORIES

Item No	Type
299100030	<b>FREE</b> SPC- Software MDS MicrotechData <b>Lite</b> for Windows
299100080	SPC- Software MDS MicrotechData <b>Pro</b> for Windows
299190001	Standart USB-Dongle for Windows
299190004	1m Cable extention for USB-Dongle
299190022	Magnetic fixation USB data transfer cable (for Intelligent instruments)
299190000	USB-Footswitch for Windows
299100040	<b>FREE</b> SPC- Software MicrotechData <b>Lite</b> for Android
299100050	SPC- Software MicrotechData <b>Pro</b> for Android
299100060	<b>FREE</b> SPC- Software MicrotechData <b>Lite</b> for iOS
299100070	SPC- Software MicrotechData <b>Pro</b> for iOS



**MICROTECH**

since 1995



www.microtech.ua



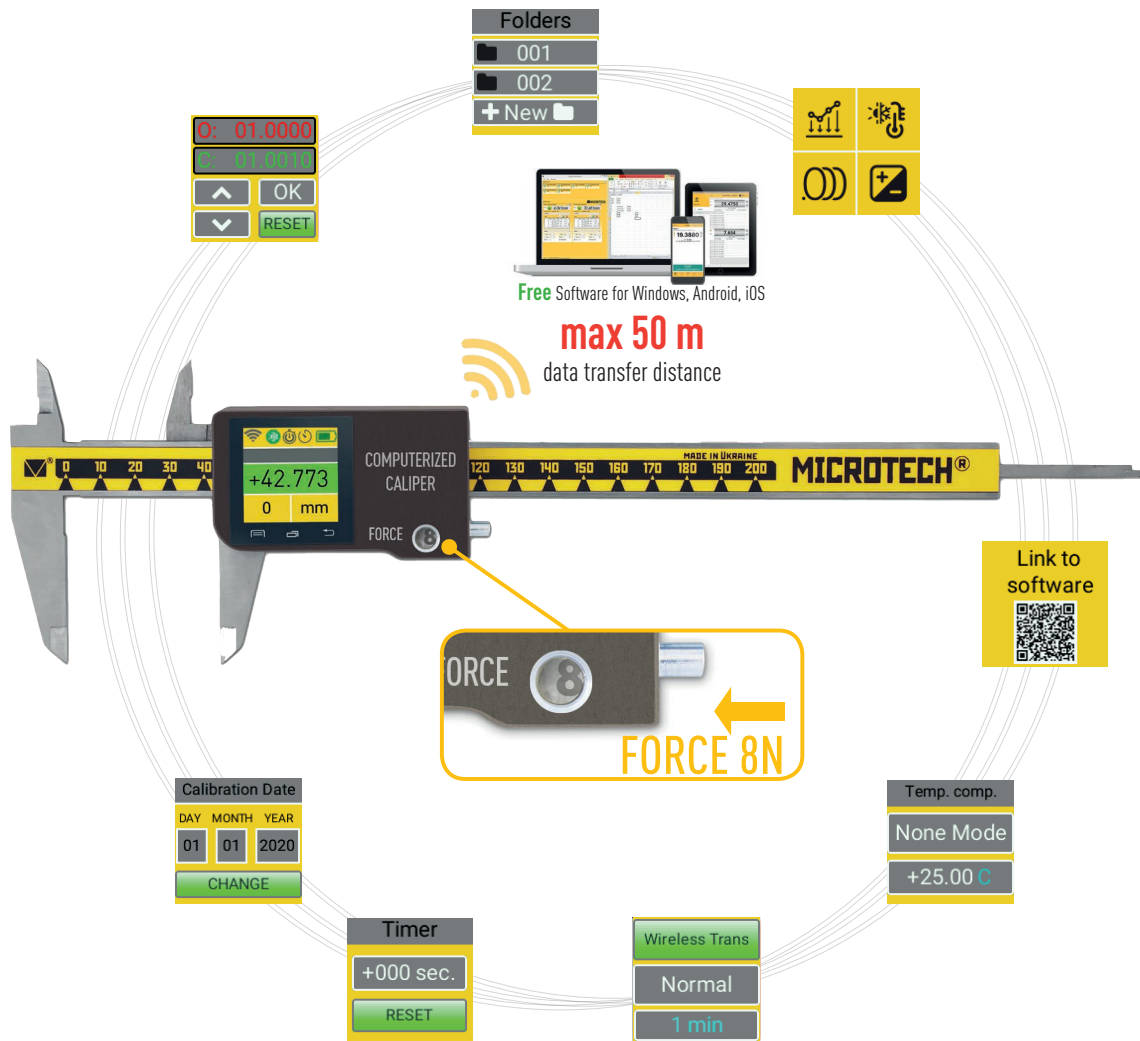
ISO 17025



ISO 9001:2015

# MICRON COMPUTERIZED CALIPER WIRELESS

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA121314, by MICROTECH
- Extra-High accuracy up to  $\pm 5\mu\text{m}$  on external jaws (Accuracy of internal and depth measurings according DIN862)
- External Force control module 8N with indication
- 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 (with 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	Jaws	External Force	Protection	Functions	Data output		Calibration
								USB	Wireless	
141077015	0-150	0,005	$\pm 0,010$	40/16	8	IP-54	Error comp.	+	max 50 m	+
141097015	0-150	0,001	$\pm 0,005$	40/16	8	IP-65	Temp.comp	+	max 50 m	+
141077020	0-200	0,005	$\pm 0,010$	50/17	8	IP-54	Preset.	+	max 50 m	+
141097020	0-200	0,001	$\pm 0,008$	50/17	8	IP-65	Memory	+	max 50 m	+
141077030	0-300	0,005	$\pm 0,015$	60/20	8	IP-54	Max/Min	+	max 50 m	+
141097030	0-300	0,001	$\pm 0,012$	60/20	8	IP-65	Limits	+	max 50 m	+
MODIFICATION WITH CARBIDE JAWS										
141077015C	0-150	0,005	$\pm 0,010$	40/16	8	IP-54		+	max 50 m	+
141077020C	0-200	0,005	$\pm 0,010$	50/17	8	IP-54		+	max 50 m	+
141077030C	0-300	0,005	$\pm 0,015$	60/20	8	IP-54		+	max 50 m	+

- 4.0 INDUSTRY 4.0 READY
- 1  $\mu\text{m}$  RESOLUTION
- IP65 PROTECTION
- $\mu\text{m}$  WIRELESS DATA TRANSFER
- 8N FORCE CONTROL
- Go/NoGo TOLERANCE FUNCTION
- 1000 values MEMORY MANAGER
- $Ax^2+Bx+C$  PRESET FORMULA MODE
- TEMPERATURE COMPENSATION
- ERROR COMPENSATION





# MICRON FORCE CALIPER IP-67

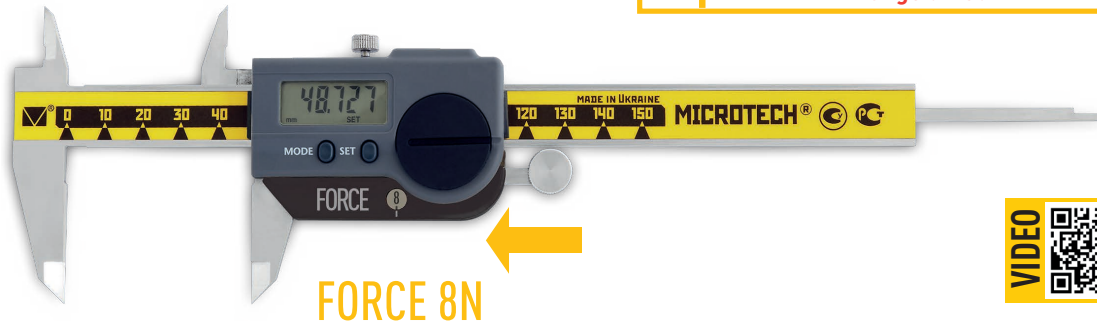
- Patent US10429165, UA100613, UA121314 by MICROTECH
- Extra-High accuracy up to  $\pm 5\mu\text{m}$  on external jaws (Accuracy of internal and depth according DIN862)
- External Force control module 8N with indication
- Hand finished measuring surfaces
- Protection class IP-67 **NEW**
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

**6pcs**  
DIN 863-1 MICROMETER  
range 0-150mm

MICROMETER 0-25mm ( $\pm 4\mu\text{m}$ )  
MICROMETER 25-50mm ( $\pm 4\mu\text{m}$ )  
MICROMETER 50-75mm ( $\pm 4\mu\text{m}$ )  
MICROMETER 75-100mm ( $\pm 5\mu\text{m}$ )  
MICROMETER 100-125mm ( $\pm 6\mu\text{m}$ )  
MICROMETER 125-150mm ( $\pm 6\mu\text{m}$ )

**1pcs**  
MICRON FORCE CALIPER  
range 0-150mm

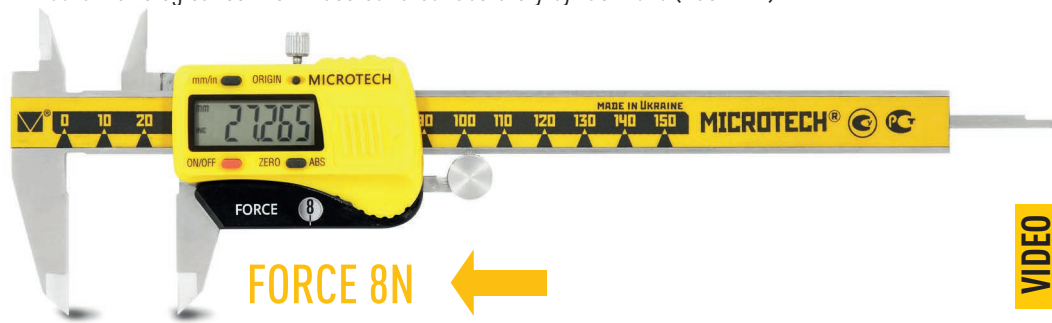
$\pm 5\mu\text{m}$



Item No	Range	Resolution	Accuracy	Jaw length	External Force	Protection class	Data output	Calibration
	mm	mm	mm	mm	N			ISO 17025
141099192	0-150	0,001	$\pm 0,005$	40/16	8	IP-67	RS-232	+
141099293	0-199	0,001	$\pm 0,007$	50/17	8	IP-67	RS-232	+

# PRECISION FORCE CALIPER IP54

- Patent US10429165, UA100613, UA121314 by MICROTECH
- External Force control module 8N with indication
- Hand finished measuring surfaces
- High accuracy up to  $\pm 10\mu\text{m}$  on external jaws (Accuracy of internal and depth measurements according DIN862)
- Modification with carbide tips on upper and lower jaws
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	Protection class	External Force	Carbide tips	Calibration
	mm	mm	mm	mm		N		ISO17025
141088152	0-150	0,005	$\pm 0,010$	40/16	IP-54	8	-	+
141088252	0-200	0,005	$\pm 0,010$	50/17	IP-54	8	-	+
141088352	0-300	0,005	$\pm 0,020$	60/20	IP-54	8	-	+
MODIFICATION WITH CARBIDE JAWS								
141088152C	0-150	0,005	$\pm 0,010$	40/16	IP-54	8	+	+
141088252C	0-200	0,005	$\pm 0,010$	50/17	IP-54	8	+	+
141088352C	0-300	0,005	$\pm 0,020$	60/20	IP-54	8	+	+

**1 $\mu\text{m}$**   
RESOLUTION

**IP67**  
PROTECTION

**8N**  
FORCE CONTROL

**+**  
SWISS ELECTRONIC

**IP54**  
PROTECTION

**8N**  
FORCE CONTROL

**5 $\mu\text{m}$**

# PRECISION FORCE CALIPER IP67

- Patent US10429165, UA100613, UA121314 by MICROTECH
- External Force control module 8N or Double Force Control module (internal&external jaws)
- High accuracy up to  $\pm 10\mu\text{m}$  on external jaws (Accuracy of internal and depth measurements according DIN862)
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 30 m
- Swiss electronic with big extra screen. Protection class IP-67
- Hand finished measuring surfaces
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	External Force	Protection class	Lubrication system	Data output
	mm	mm	mm	mm	N			Wireless
141077122	0-150	0,01	$\pm 0,010$	40/16	8	IP-67	+	-
141077192	0-150	0,01	$\pm 0,010$	40/16	8	IP-67	+	max 30m
141077222	0-200	0,01	$\pm 0,010$	50/17	8	IP-67	+	-
141077292	0-200	0,01	$\pm 0,010$	50/17	8	IP-67	+	max 30m
141077322	0-300	0,01	$\pm 0,020$	60/20	8	IP-67	+	-
141077392	0-300	0,01	$\pm 0,020$	60/20	8	IP-67	+	max 30m

# PRECISION DOUBLE FORCE CALIPER IP67

## INTERNAL & EXTERNAL FORCE CONTROL



Item No	Range	Resolution	Accuracy	Jaw	Measuring force		Protection class	Lubrication system	Data output
					External	Internal			
	mm	mm	mm	mm	N	N			Wireless
141078122	0-150	0,01	$\pm 0,010$	40/16	8	8	IP-67	+	-
141078192	0-150	0,01	$\pm 0,010$	40/16	8	8	IP-67	+	max 30m
141078222	0-200	0,01	$\pm 0,010$	50/17	8	8	IP-67	+	-
141078292	0-200	0,01	$\pm 0,010$	50/17	8	8	IP-67	+	max 30m
141078322	0-300	0,01	$\pm 0,020$	60/20	8	8	IP-67	+	-
141078392	0-300	0,01	$\pm 0,020$	60/20	8	8	IP-67	+	max 30m

IP67

PROTECTION

8N

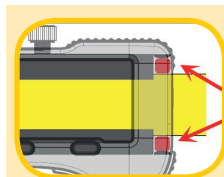
FORCE CONTROL



SWISS ELECTRONIC



WIRELESS DATA TRANSFER



LUBRICATION SYSTEM

IP67

PROTECTION

8N

FORCE CONTROL



SWISS ELECTRONIC



WIRELESS DATA TRANSFER



# LOW-FORCE CALIPER IP67

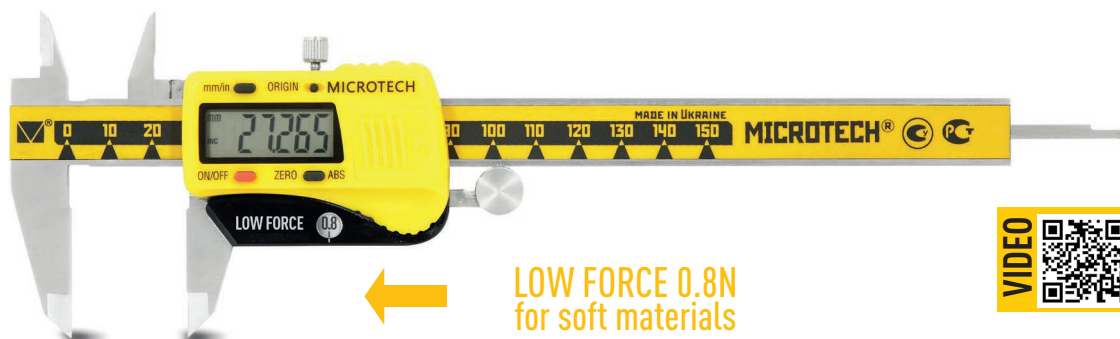
IP54

PROTECTION

0.8N

LOW FORCE

- Patent US10429165, UA100613, UA121314 by MICROTECH
- **Low force (0,8N)** version for soft materials
- External Force control module 0.8N or Double Force Control module (internal&external jaws)
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to **30 m**
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	External Force	Protection class	Carbide tips	Calibration
	mm	mm	mm	mm	N			ISO17025
141088153	0-150	0,005	±0,030	40/16	0,8	IP-54	-	+
141088253	0-200	0,005	±0,030	50/17	0,8	IP-54	-	+
141088353	0-300	0,005	±0,040	60/20	0,8	IP-54	-	+
MODIFICATION WITH CARBIDE JAWS								
141088153C	0-150	0,005	±0,030	40/16	0,8	IP-54	+	+
141088253C	0-200	0,005	±0,030	50/17	0,8	IP-54	+	+
141088353C	0-300	0,005	±0,040	60/20	0,8	IP-54	+	+

IP67

PROTECTION

0.8N

LOW FORCE



SWISS ELECTRONIC

µm

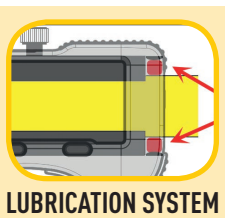
WIRELESS DATA TRANSFER

# DOUBLE LOW-FORCE CALIPER IP67

## INTERNAL & EXTERNAL FORCE CONTROL



Item No	Range	Resolution	Accuracy	Jaw	Measuring force		Protection class	Lubrication system	Data output
					External	Internal			
	mm	mm	mm	mm	N	N			Wireless
141077153	0-150	0,01	±0,030	40/16	0,8	0,8	IP-67	+	-
141077193	0-150	0,01	±0,030	40/16	0,8	0,8	IP-67	+	max 30m
141077253	0-200	0,01	±0,030	50/17	0,8	0,8	IP-67	+	-
141077293	0-200	0,01	±0,030	50/17	0,8	0,8	IP-67	+	max 30m
141077353	0-300	0,01	±0,040	60/20	0,8	0,8	IP-67	+	-
141077393	0-300	0,01	±0,040	60/20	0,8	0,8	IP-67	+	max 30m



LUBRICATION SYSTEM



MICROTECH

since 1995



www.microtech.ua



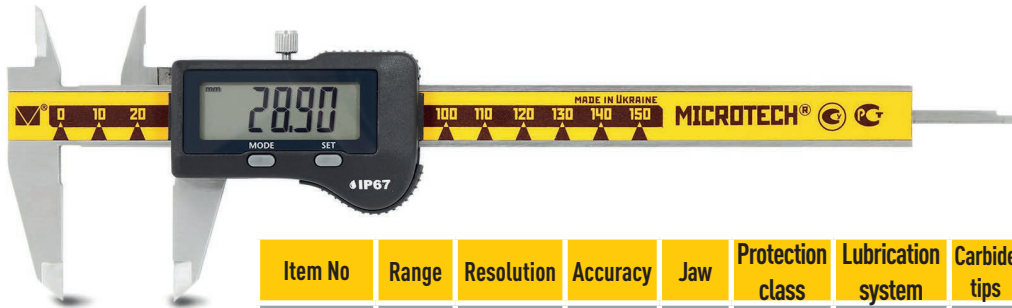
ISO 17025



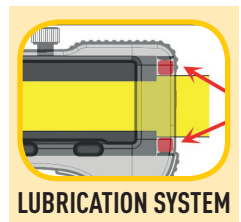
ISO 9001:2015

# PRECISION CALIPER IP67

- Accuracy better than DIN 862 requirements
- Hand finished measuring surfaces
- Self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Swiss electronic with big extra screen. Protection class IP-67
- Modification with carbide jaws
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

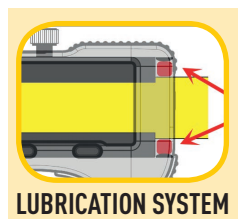
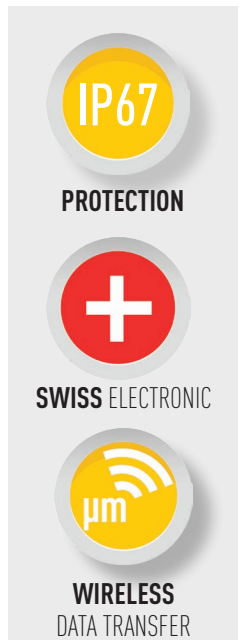


Item No	Range	Resolution	Accuracy	Jaw	Protection class	Lubrication system	Carbide tips	Depth rod	Calibration
	mm	mm	mm	mm				mm	ISO17025
141072122	0-150	0,01	±0,020	40/16	IP-67	+	-	4x1,4	+
141072222	0-200	0,01	±0,020	50/17	IP-67	+	-	4x1,4	+
141072322	0-300	0,01	±0,030	60/20	IP-67	+	-	4x1,4	+
MODIFICATION WITH CARBIDE JAWS									
141072122C	0-150	0,01	±0,020	40/16	IP-67	+	+	4x1,4	+
141072222C	0-200	0,01	±0,020	50/17	IP-67	+	+	4x1,4	+
141072322C	0-300	0,01	±0,030	60/20	IP-67	+	+	4x1,4	+



# WIRELESS CALIPER IP67

- Accuracy better than DIN 862 requirements
- Hand finished measuring surfaces
- Self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Swiss electronic with big extra screen. Protection class IP-67
- Modification with carbide jaws
- Long range Wireless data transfer to Windows, Android, iOS devices with distance up to 30 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	Protection class	Lubrication system	Carbide tips	Data output	Calibration
	mm	mm	mm	mm				Wireless	ISO17025
141072192	0-150	0,01	±0,020	40/16	IP-67	+	-	max 30m	+
141072292	0-200	0,01	±0,020	50/17	IP-67	+	-	max 30m	+
141072392	0-300	0,01	±0,030	60/20	IP-67	+	-	max 30m	+
MODIFICATION WITH CARBIDE JAWS									
141072192C	0-150	0,01	±0,020	40/16	IP-67	+	+	max 30m	+
141072292C	0-200	0,01	±0,020	50/17	IP-67	+	+	max 30m	+
141072392C	0-300	0,01	±0,030	60/20	IP-67	+	+	max 30m	+



## MICRON CALIPER IP67

IP67

PROTECTION

1µm

RESOLUTION

- Accuracy better than DIN 862 requirements
- Hand finished measuring surfaces
- Resolution 1 micron
- Protection class IP-67
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Depth rod	Calibration
	mm	mm	mm	mm		mm	ISO17025
141075112	0-150	0,001	±0,015	40/16	IP-67	4x1,4	+
141075212	0-200	0,001	±0,015	50/17	IP-67	4x1,4	+
141075312	0-300	0,001	±0,020	60/20	IP-67	4x1,4	+

## PRECISION CALIPER IP54

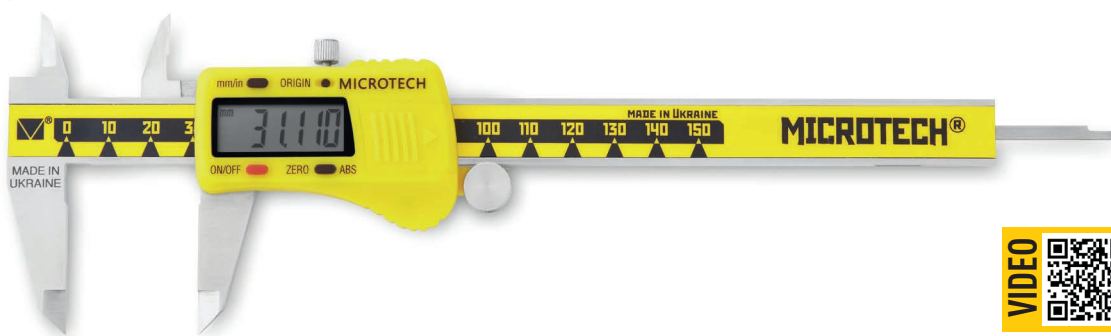
IP54

PROTECTION

5µm

RESOLUTION

- Accuracy better than DIN 862 requirements
- Hand finished measuring surfaces
- 5 micron resolution
- Protection class IP-54
- Modification with carbide jaws
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	Protection class	Carbide tips	Depth rod	Calibration
	mm	mm	mm	mm			mm	ISO17025
141082112	0-150	0,005	±0,020	40/16	IP-54	-	4x1,4	+
141082212	0-200	0,005	±0,020	50/17	IP-54	-	4x1,4	+
141082312	0-300	0,005	±0,030	60/20	IP-54	-	4x1,4	+
MODIFICATION WITH CARBIDE JAWS								
141082112C	0-150	0,005	±0,020	40/16	IP-54	+	4x1,4	+
141082212C	0-200	0,005	±0,020	50/17	IP-54	+	4x1,4	+
141082312C	0-300	0,005	±0,030	60/20	IP-54	+	4x1,4	+



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ISO 17025



ISO 9001:2015

# DIN CALIPER IP67

- Accuracy according DIN 862 requirements
- Hand finished measuring surfaces
- Resolution 5 micron Protection class IP-67
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**IP67**  
PROTECTION

**5µm**  
RESOLUTION

**DIN**  
ACCORDING  
DIN 862

Item No	Range	Resolution	Accuracy	Jaw	Protection class	Depth rod	Calibration
	mm	mm	mm	mm		mm	ISO17025
141085113	0-150	0,005	±0,030	40/16	IP-67	4x1,4	+
141085213	0-200	0,005	±0,030	50/17	IP-67	4x1,4	+
141085313	0-300	0,005	±0,040	60/20	IP-67	4x1,4	+

# DIN CALIPER IP40

- Accuracy according DIN 862 requirements
- Hand finished measuring surfaces
- High quality budget price caliper
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**DIN**  
ACCORDING  
DIN 862

Item No	Range	Resolution	Accuracy	Jaw	Protection class	Depth rod	Calibration
	mm	mm	mm	mm		mm	ISO17025
141080113	0-150	0,01	±0,030	40/16	IP-40	4x1,4	+
141080213	0-200	0,01	±0,030	50/17	IP-40	4x1,4	+
141080313	0-300	0,01	±0,040	60/20	IP-40	4x1,4	+



# VERNIER CALIPER WITH INSIDE POINTS

DIN

ACCORDING  
DIN 862

- Hand finished measuring surfaces
- Made of stainless steel
- Long jaw design
- With thumb roller
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	Carbide tips	Calibration
	mm	mm	mm	mm		ISO17025
141002255	0-250	0,05	±0,050	60/40	-	+
141002302	0-300	0,02	±0,040	60/40	-	+
141002502	0-500	0,02	±0,060	100/55	-	+
MODIFICATION WITH CARBIDE JAWS						
141002255C	0-250	0,05	±0,050	60/40	+	+
141002302C	0-300	0,02	±0,040	60/40	+	+
141002502C	0-500	0,02	±0,060	100/55	+	+



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ISO 17025



ISO 9001:2015

# UNIVERSAL CALIPER

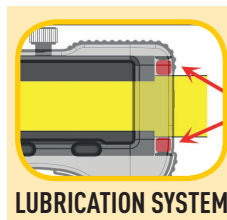
- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- 3 types of measurings jaws in set
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 30 m**  
data transfer distance



Free Software for Windows, Android, iOS



LUBRICATION SYSTEM



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS





## UNIVERSAL DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	B*	Protection class	Preset function	Calibration
	mm	mm	mm	mm			ISO 17025
141630155	0-150	0,005	±0,030	30	IP54	-	+
141630205	0-200	0,005	±0,030	30	IP54	-	+
141630305	0-300	0,005	±0,030	50	IP54	-	+

## UNIVERSAL DIGITAL CALIPER IP67

Item No	Range	Resolution	Accuracy	B*	Lubrication system	Protection class	Preset function	Data output	Calibration
	mm	mm	mm	mm					ISO 17025
141630153	0-150	0,01	±0,030	30	+	IP67	+	-	+
141630203	0-200	0,01	±0,030	50	+	IP67	+	-	+
141630303	0-300	0,01	±0,030	50	+	IP67	+	-	+

## UNIVERSAL WIRELESS CALIPER IP67

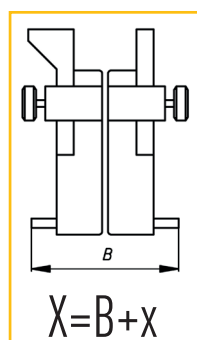
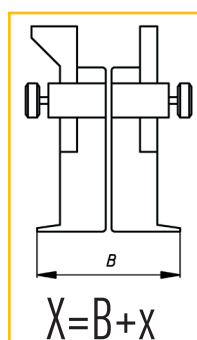
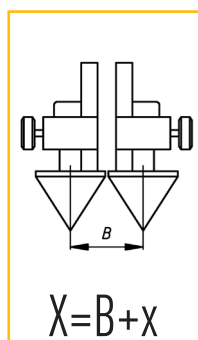
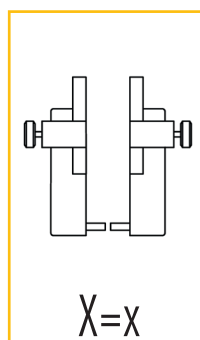
Item No	Range	Resolution	Accuracy	B*	Lubrication system	Protection class	Preset function	Data output	Calibration
	mm	mm	mm	mm				Wireless	ISO 17025
141631154	0-150	0,01	±0,030	30	+	IP67	+	max 30m	+
141631204	0-200	0,01	±0,030	50	+	IP67	+	max 30m	+
141631304	0-300	0,01	±0,030	50	+	IP67	+	max 30m	+

## UNIVERSAL COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	B*	Protection class	External Force	Functions	Data output	Calibration
	mm	mm	mm	mm		N		USB Wireless	ISO 17025
141630157	0-150	0,005	±0,020	30	IP54	8	Error & Temp comp.	+ max 50 m	+
141630207	0-200	0,005	±0,025	50	IP54	8	Preset. Memory	+ max 50 m	+
141630307	0-300	0,005	±0,025	50	IP54	8	Max/Min Limits	+ max 50 m	+

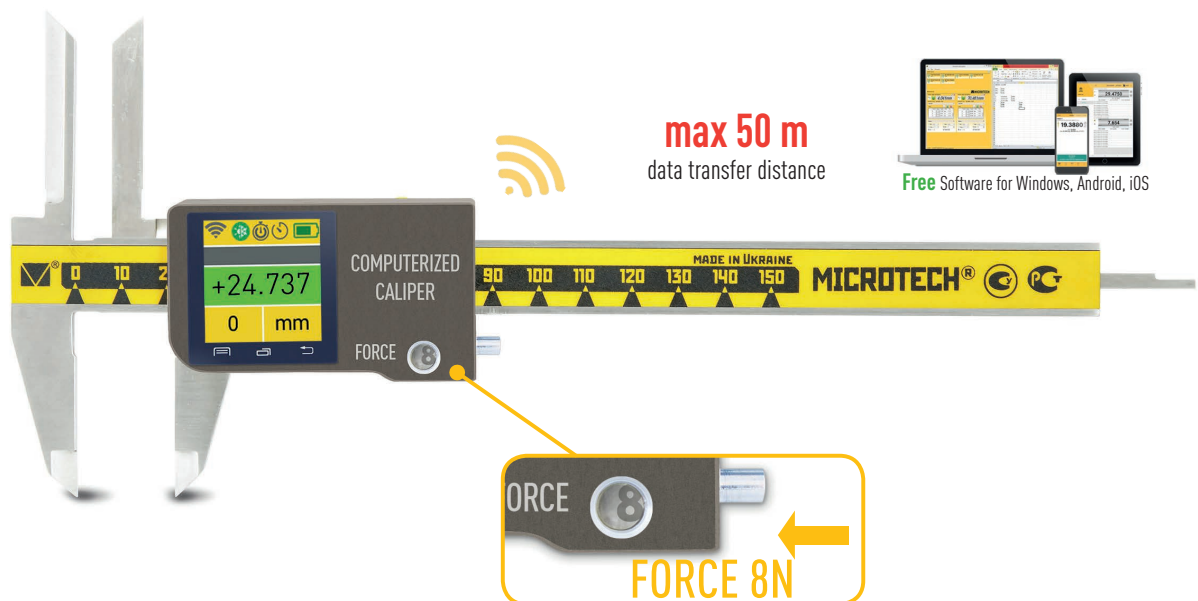
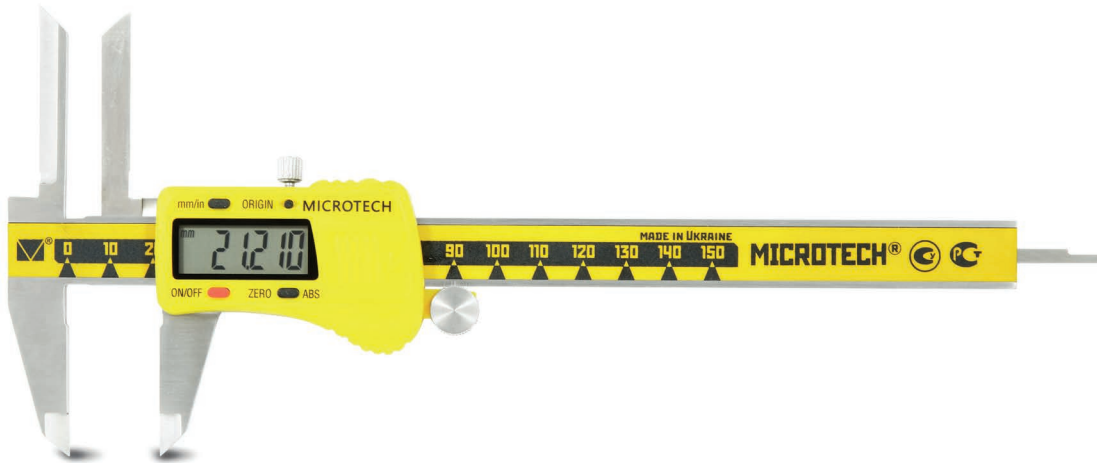
## UNIVERSAL MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	B*	Protection class	External Force	Functions	Data output	Calibration
	mm	mm	mm	mm		N		USB Wireless	ISO 17025
141630158	0-150	0,001	±0,015	30	IP54	8	Error & Temp comp.	+ max 50 m	+
141630208	0-200	0,001	±0,015	50	IP54	8	Preset. Memory	+ max 50 m	+
141630308	0-300	0,001	±0,020	50	IP54	8	Max/Min Limits	+ max 50 m	+



# LONG INTERNAL JAW CALIPER

- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- Long internal jaws for deep measuring
- Modification with High level Swiss electronic with big screen. Protection class IP-67
- Modification with Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



## LONG INTERNAL JAW CALIPER IP54

Item No	Range	Resolution	Accuracy	Sizes*		Waterproof	Calibration
				A	B		
	mm	mm	mm	mm	mm		ISO17025
141130155	0-150	0,005	±0,030	45	40	IP54	+

## LONG INTERNAL JAW CALIPER IP67

Item No	Range	Resolution	Accuracy	Sizes*		Lubrication system	Waterproof	Data output	Calibration
				A	B				
	mm	mm	mm	mm	mm			Wireless	ISO17025
141130153	0-150	0,01	±0,030	45	40	+	IP67	-	+

## LONG INTERNAL JAW WIRELESS CALIPER IP67

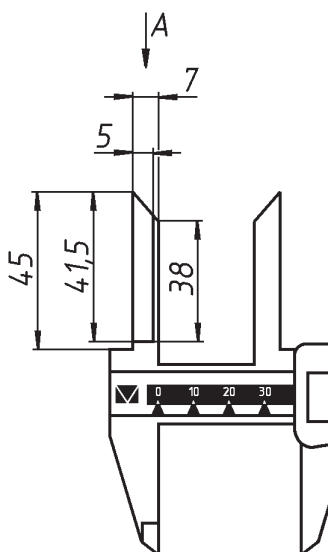
Item No	Range	Resolution	Accuracy	Sizes*		Lubrication system	Waterproof	Data output	Calibration
				A	B				
	mm	mm	mm	mm	mm			Wireless	ISO17025
141131154	0-150	0,01	±0,030	45	40	+	IP67	max 30m	+

## LONG INTERNAL JAW COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*		Waterproof	Functions	Data output		Calibration
				A	B			USB	Wireless	
	mm	mm	mm	mm	mm					ISO17025
141130157	0-150	0,005	±0,020	45	40	IP54	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+

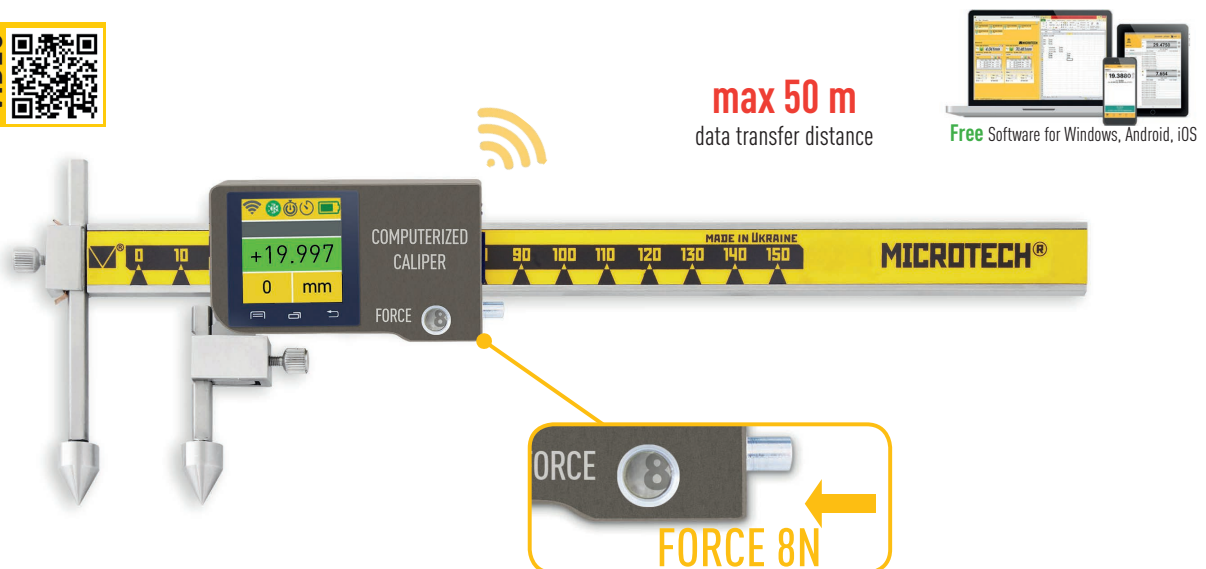
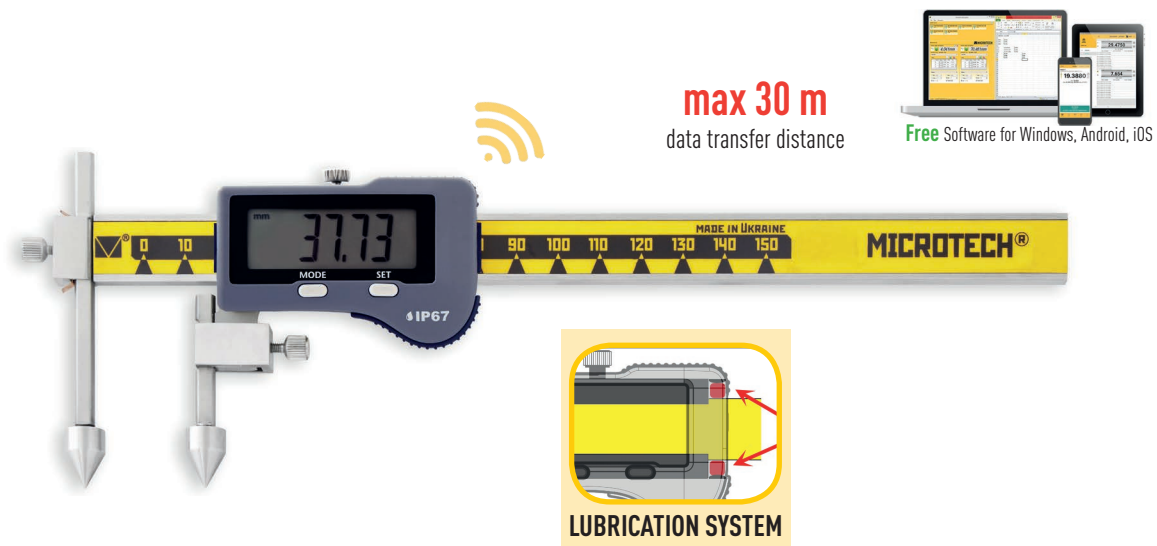
## LONG INTERNAL JAW MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*		Waterproof	Functions	Data output		Calibration
				A	B			USB	Wireless	
	mm	mm	mm	mm	mm					ISO17025
141130158	0-150	0,001	±0,015	45	40	IP54	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+



# OFFSET CENTERLINE CALIPER

- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For hole center distance measurements
- Modification with High Level Swiss electronic with big screen. Protection class IP-67
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



## OFFSET CENTERLINE DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	Waterproof	Calibration
	mm	mm	mm		ISO 17025
141730155	20-170	0,005	±0,030	IP54	+
141731205	20-220	0,005	±0,040	IP54	+
141730305	30-330	0,005	±0,060	IP54	+

## OFFSET CENTERLINE DIGITAL CALIPER IP67

Item No	Range	Resolution	Accuracy	Lubrication system	Waterproof	Data output	Calibration
	mm	mm	mm			Wireless	ISO 17025
141730153	20-170	0,01	±0,030	+	IP67	-	+
141730203	20-220	0,01	±0,040	+	IP67	-	+
141730303	30-330	0,01	±0,060	+	IP67	-	+

## OFFSET CENTERLINE WIRELESS CALIPER IP67

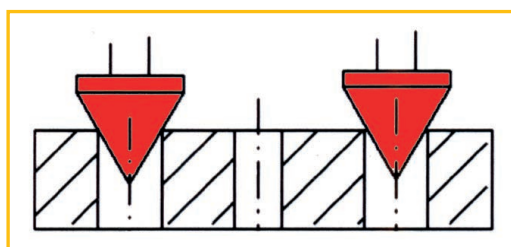
Item No	Range	Resolution	Accuracy	Lubrication system	Waterproof	Data output	Calibration
	mm	mm	mm			Wireless	ISO 17025
141731154	20-170	0,01	±0,030	+	IP67	max 30m	+
141731204	20-220	0,01	±0,040	+	IP67	max 30m	+
141731304	30-330	0,01	±0,060	+	IP67	max 30m	+

## OFFSET CENTERLINE COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Waterproof	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
141730157	20-170	0,005	±0,025	IP54	Error & Temp comp.	+	max 50 m	+
141730207	20-220	0,005	±0,030	IP54	Preset. Memory	+	max 50 m	+
141730307	30-330	0,005	±0,040	IP54	Max/Min Limits	+	max 50 m	+

## OFFSET CENTERLINE MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Waterproof	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
141730158	20-170	0,001	±0,020	IP54	Error & Temp comp.	+	max 50 m	+
141730208	20-220	0,001	±0,025	IP54	Preset. Memory	+	max 50 m	+
141730308	30-330	0,001	±0,030	IP54	Max/Min Limits	+	max 50 m	+



# TUBE CALIPER

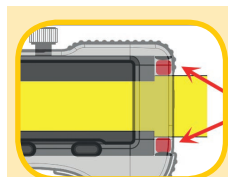
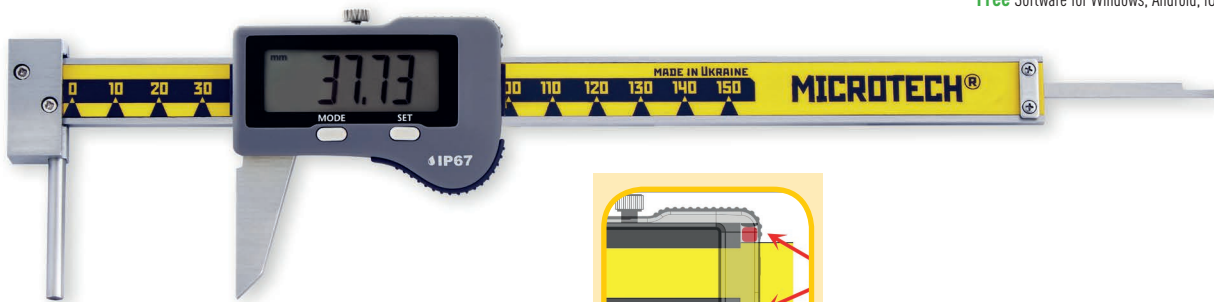
- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For tube thickness measurings
- Modification with High level Swiss electronic with big screen. Protection class IP-67
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 30 m**  
data transfer distance



Free Software for Windows, Android, iOS



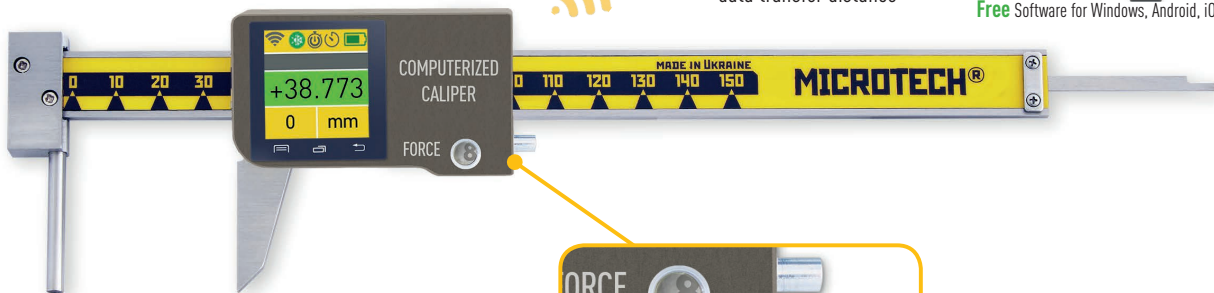
LUBRICATION SYSTEM



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



## TUBE DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	Sizes*			Waterproof	Calibration
				A	B	C		
	mm	mm	mm	mm	mm	mm		ISO 17025
141230155	0-150	0,005	±0,030	46	30	4	IP54	+
141230205	0-200	0,005	±0,030	50	40	4	IP54	+
141230305	0-300	0,005	±0,030	50	40	4	IP54	+

## TUBE DIGITAL CALIPER IP67

Item No	Range	Resolution	Accuracy	Sizes*			Lubrication system	Waterproof	Data output	Calibration
				A	B	C				
	mm	mm	mm	mm	mm	mm			Wireless	ISO 17025
141230153	0-150	0,01	±0,030	46	30	4	+	IP67	-	+
141230203	0-200	0,01	±0,030	50	40	4	+	IP67	-	+
141230303	0-300	0,01	±0,030	50	40	4	+	IP67	-	+

## TUBE WIRELESS CALIPER IP67

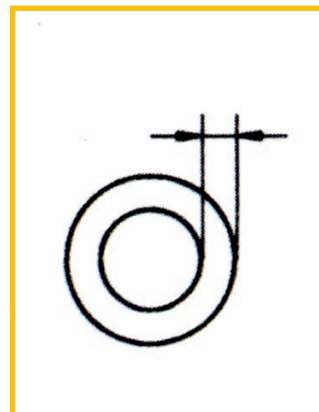
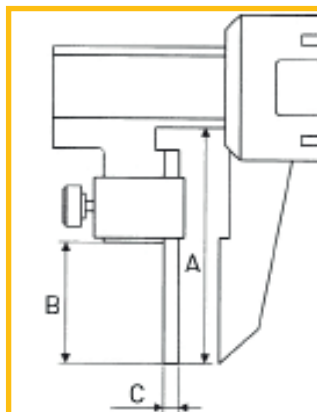
Item No	Range	Resolution	Accuracy	Sizes*			Lubrication system	Waterproof	Data output	Calibration
				A	B	C				
	mm	mm	mm	mm	mm	mm			Wireless	ISO 17025
141231154	0-150	0,01	±0,030	46	30	4	+	IP67	max 30m	+
141231204	0-200	0,01	±0,030	50	40	4	+	IP67	max 30m	+
141231304	0-300	0,01	±0,030	50	40	4	+	IP67	max 30m	+

## TUBE COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*			Waterproof	Functions	Data output		Calibration
				A	B	C			USB	Wireless	
	mm	mm	mm	mm	mm	mm			USB	Wireless	ISO 17025
141230157	0-150	0,005	±0,020	46	30	4	IP54	Error & Temp comp.	+	max 50 m	+
141230207	0-200	0,005	±0,025	50	40	4	IP54	Preset. Memory	+	max 50 m	+
141230307	0-300	0,005	±0,025	50	40	4	IP54	Max/Min Limits	+	max 50 m	+

## TUBE MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*			Waterproof	Functions	Data output		Calibration
				A	B	C			USB	Wireless	
	mm	mm	mm	mm	mm	mm			USB	Wireless	ISO 17025
141230158	0-150	0,001	±0,020	46	30	4	IP54	Error & Temp comp.	+	max 50 m	+
141230208	0-200	0,001	±0,025	50	40	4	IP54	Preset. Memory	+	max 50 m	+
141230308	0-300	0,001	±0,025	50	40	4	IP54	Max/Min Limits	+	max 50 m	+



# OUTSIDE POINT CALIPER

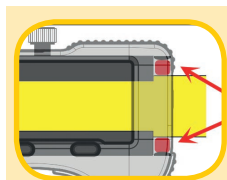
- Patent US10184772, UA104878, UA121314, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For external measuring
- Modification with High level Swiss electronic with big screen. Protection class **IP-67**
- Modification with Built in Wireless data transfer to Windows, Android, iOS devices with distance up to **50 m**
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 30 m**  
data transfer distance



Free Software for Windows, Android, iOS



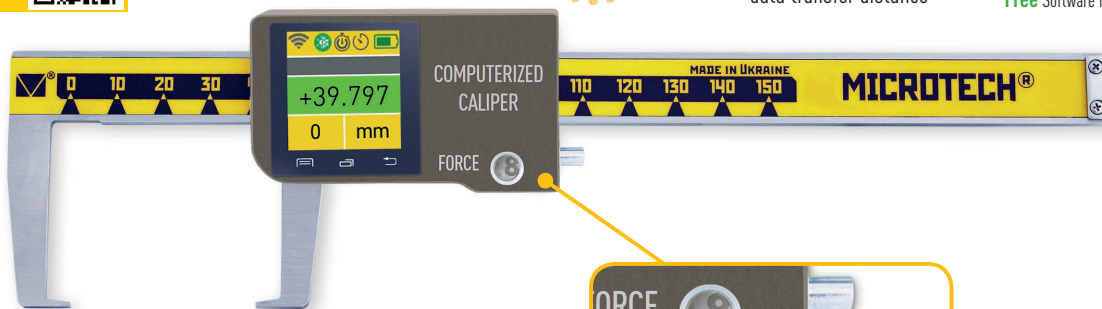
LUBRICATION SYSTEM



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS





## OUTSIDE POINT DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Calibration
				A	B	C	D		
	mm	mm	mm	mm	mm	mm	mm		ISO 17025
141430155	0-150	0,005	±0,030	25	9	1	5	IP54	+
141430205	0-200	0,005	±0,030	25	9	1.5	8	IP54	+
141430305	0-300	0,005	±0,030	43	16	1.5	8	IP54	+

## OUTSIDE POINT DIGITAL CALIPER IP67

Item No	Range	Resolution	Accuracy	Sizes*				Lubrication system	Waterproof	Data output	Calibration
				A	B	C	D				
	mm	mm	mm	mm	mm	mm	mm			Wireless	ISO 17025
141430153	0-150	0,01	±0,030	25	9	1	5	+	IP67	-	+
141430203	0-200	0,01	±0,030	25	9	1.5	8	+	IP67	-	+
141430303	0-300	0,01	±0,030	43	16	1.5	8	+	IP67	-	+

## OUTSIDE POINT WIRELESS CALIPER IP67

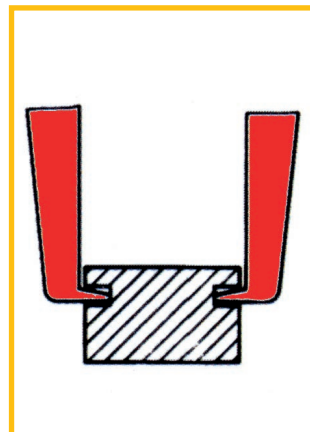
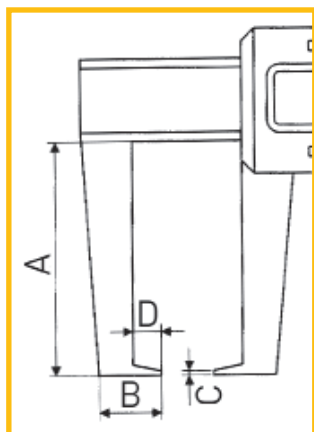
Item No	Range	Resolution	Accuracy	Sizes*				Lubrication system	Waterproof	Data output	Calibration
				A	B	C	D				
	mm	mm	mm	mm	mm	mm	mm			Wireless	ISO 17025
141431154	0-150	0,01	±0,030	25	9	1	5	+	IP67	max 30m	+
141431204	0-200	0,01	±0,030	25	9	1.5	8	+	IP67	max 30m	+
141431304	0-300	0,01	±0,030	43	16	1.5	8	+	IP67	max 30m	+

## OUTSIDE POINT COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Functions	Data output		Calibration
				A	B	C	D			USB	Wireless	
	mm	mm	mm	mm	mm	mm	mm			USB	Wireless	ISO 17025
141430157	0-150	0,005	±0,020	25	9	1	5	IP54	Error & Temp comp.	+	max 50 m	+
141430207	0-200	0,005	±0,025	25	9	1.5	8	IP54	Preset. Memory	+	max 50 m	+
141430307	0-300	0,005	±0,025	43	16	1.5	8	IP54	Max/Min Limits	+	max 50 m	+

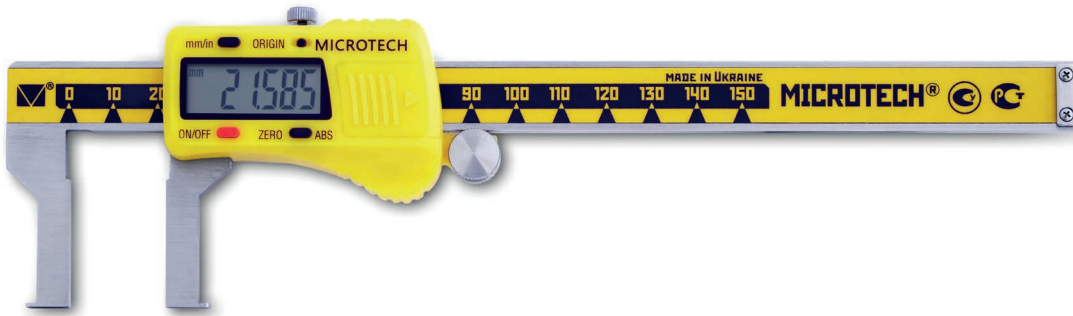
## OUTSIDE POINT MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Functions	Data output		Calibration
				A	B	C	D			USB	Wireless	
	mm	mm	mm	mm	mm	mm	mm			USB	Wireless	ISO 17025
141430158	0-150	0,001	±0,015	25	9	1	5	IP54	Error & Temp comp.	+	max 50 m	+
141430208	0-200	0,001	±0,015	25	9	1.5	8	IP54	Preset. Memory	+	max 50 m	+
141430308	0-300	0,001	±0,020	43	16	1.5	8	IP54	Max/Min Limits	+	max 50 m	+



# INSIDE POINT CALIPER

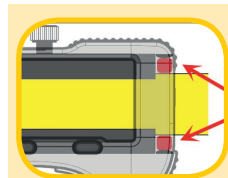
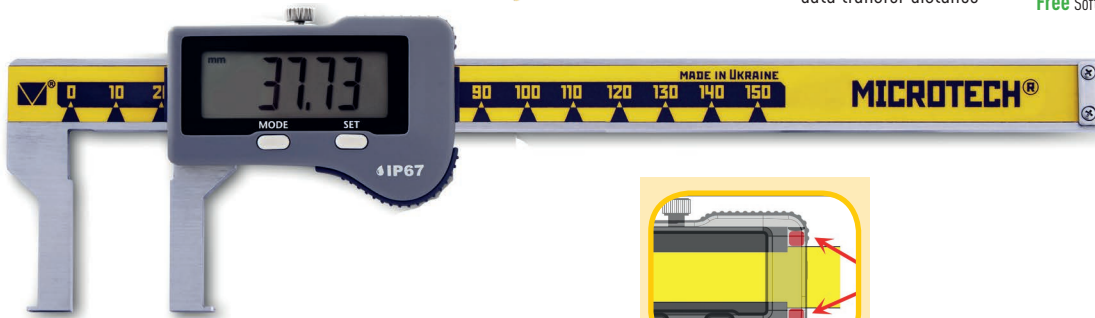
- Patent US10184772, UA104878, UA121314, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For internal measurements
- Modification with High level Swiss electronic with big screen. Protection class **IP-67**
- Modification with Built in Wireless data transfer to Windows, Android, iOS devices with distance up to **50 m**
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 30 m**  
data transfer distance



Free Software for Windows, Android, iOS



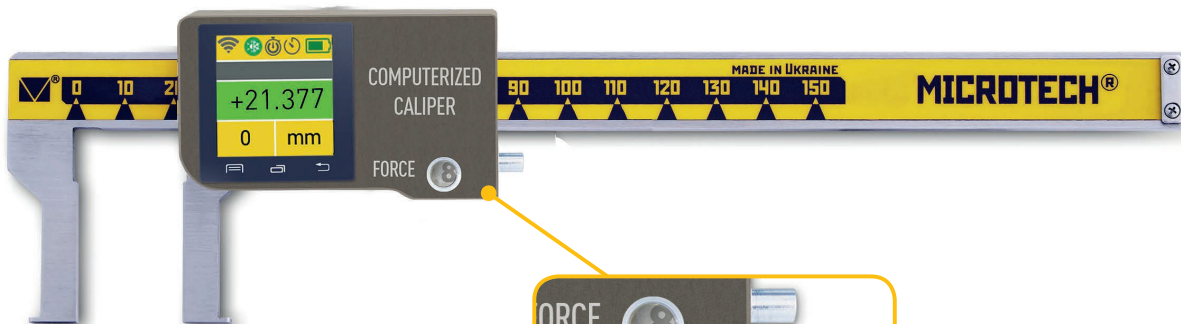
LUBRICATION SYSTEM



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



# INSIDE POINT DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Calibration
				A	B	C	D		
	mm	mm	mm	mm	mm	mm	mm		ISO 17025
141330155	20-170	0,005	±0,030	25	9	1	5	IP54	+
141331205	20-220	0,005	±0,030	25	9	1	5	IP54	+
141330305	30-330	0,005	±0,030	43	14	1.5	5	IP54	+

# INSIDE POINT DIGITAL CALIPER IP67

Item No	Range	Resolution	Accuracy	Sizes*				Lubrication system	Waterproof	Data output	Calibration
				A	B	C	D				
	mm	mm	mm	mm	mm	mm	mm			Wireless	ISO 17025
141330153	20-170	0,01	±0,030	25	9	1	5	+	IP67	-	+
141330203	20-220	0,01	±0,030	43	14	1.5	5	+	IP67	-	+
141330303	30-330	0,01	±0,030	43	14	1.5	5	+	IP67	-	+

# INSIDE POINT WIRELESS CALIPER IP67

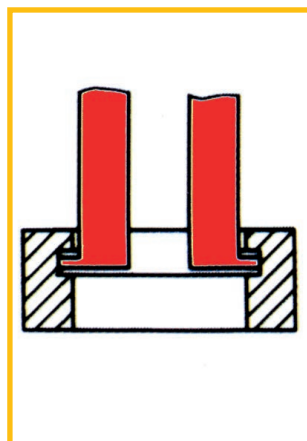
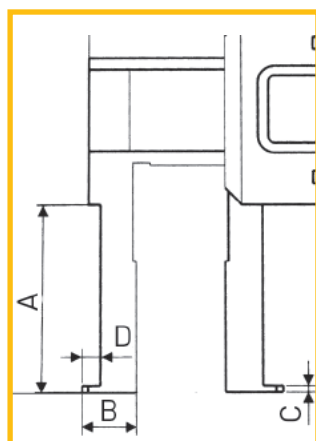
Item No	Range	Resolution	Accuracy	Sizes*				Lubrication system	Waterproof	Data output	Calibration
				A	B	C	D				
	mm	mm	mm	mm	mm	mm	mm			Wireless	ISO 17025
141331154	20-170	0,01	±0,030	25	9	1	5	+	IP67	max 30m	+
141331204	20-220	0,01	±0,030	43	14	1.5	5	+	IP67	max 30m	+
141331304	30-330	0,01	±0,030	43	14	1.5	5	+	IP67	max 30m	+

# INSIDE POINT COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Functions	Data output		Calibration
				A	B	C	D			USB	Wireless	
	mm	mm	mm	mm	mm	mm	mm			USB	Wireless	ISO 17025
141330157	20-170	0,005	±0,020	25	9	1	5	IP54	Error & Temp comp.	+	max 50 m	+
141330207	20-220	0,005	±0,025	25	9	1.5	5	IP54	Preset. Memory	+	max 50 m	+
141330307	30-330	0,005	±0,025	43	14	1.5	5	IP54	Max/Min Limits	+	max 50 m	+

# INSIDE POINT MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Functions	Data output		Calibration
				A	B	C	D			USB	Wireless	
	mm	mm	mm	mm	mm	mm	mm			USB	Wireless	ISO 17025
141330158	20-170	0,001	±0,020	25	9	1	5	IP54	Error & Temp comp.	+	max 50 m	+
141330208	20-220	0,001	±0,025	25	9	1.5	5	IP54	Preset. Memory	+	max 50 m	+
141330308	30-330	0,001	±0,025	43	14	1.5	5	IP54	Max/Min Limits	+	max 50 m	+



# DEPTH CALIPER

- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For depth measurings
- Modification with High level Swiss electronic with big screen. Protection class IP-67
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 30 m**  
data transfer distance



Free Software for Windows, Android, iOS



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



# DEPTH DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	Base	Waterproof	Calibration
	mm	mm	mm	mm		ISO 17025
1432010151	0-150	0,005	±0,03	102	IP-54	+
1432010201	0-200	0,005	±0,03	102	IP-54	+
1432010301	0-300	0,005	±0,04	102	IP-54	+

# DEPTH DIGITAL CALIPER IP67

Item No	Range	Resolution	Accuracy	Base	Lubrication system	Waterproof	Data output	Calibration
	mm	mm	mm	mm			Wireless	ISO 17025
1432010153	0-150	0,01	±0,03	102	+	IP-67	-	+
1432010203	0-200	0,01	±0,03	102	+	IP-67	-	+
1432010303	0-300	0,01	±0,04	102	+	IP-67	-	+

# DEPTH WIRELESS CALIPER IP67

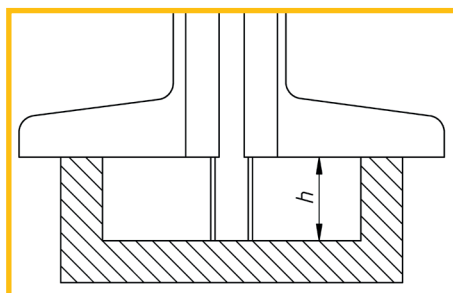
Item No	Range	Resolution	Accuracy	Base	Lubrication system	Waterproof	Data output	Calibration
	mm	mm	mm	mm			Wireless	ISO 17025
1432010154	0-150	0,01	±0,03	102	+	IP-67	max 30m	+
1432010204	0-200	0,01	±0,03	102	+	IP-67	max 30m	+
1432010304	0-300	0,01	±0,04	102	+	IP-67	max 30m	+

# DEPTH COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Base	Waterproof	Functions	Data output		Calibration
							USB	Wireless	
	mm	mm	mm	mm				ISO 17025	
1432010157	0-150	0,005	±0,020	102	IP54	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
1432010207	0-200	0,005	±0,020	102	IP54		+	max 50 m	+
1432010307	0-300	0,005	±0,030	102	IP54		+	max 50 m	+
1432010507	0-500	0,010	±0,040	102	IP54		+	max 50 m	+
1432011007	0-1000	0,010	±0,050	102	IP54		+	max 50 m	+

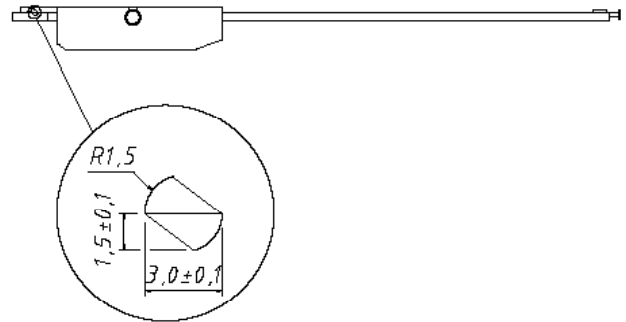
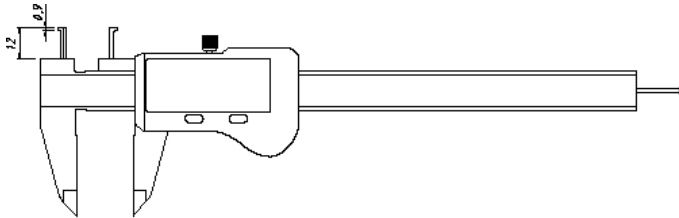
# DEPTH MICRON COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Accuracy	Base	Waterproof	Functions	Data output		Calibration
							USB	Wireless	
	mm	mm	mm	mm				ISO 17025	
1432010158	0-150	0,001	±0,015	102	IP54	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
1432010208	0-200	0,001	±0,015	102	IP54		+	max 50 m	+
1432010308	0-300	0,001	±0,020	102	IP54		+	max 50 m	+
1432010508	0-500	0,001	±0,025	102	IP54		+	max 50 m	+
1432011008	0-1000	0,001	±0,035	102	IP54		+	max 50 m	+



# SMALL GROOVES DIGITAL CALIPER IP67

- Patent UA121314 by MICROTECH
- For small holes and grooves internal measurements (from d= 3mm)UA121314
- Modification with High level Swiss electronic with big screen. Protection class **IP-67**
- Modification with Built in Wireless data transfer to Windows, Android, iOS devices with distance up to **50 m**
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range		Resolution	Accuracy	Lubrication system	Waterproof	Data output	Calibration
	External	Internal						
	mm	mm	mm	mm			<b>Wireless</b>	ISO17025
141830153	0-150	3-150	0,01	±0,030	+	<b>IP67</b>	-	+
141831154	0-150	3-150	0,01	±0,030	+	<b>IP67</b>	max 30m	+
141830203	0-200	3-200	0,01	±0,030	+	<b>IP67</b>	-	+
141831204	0-200	3-200	0,01	±0,030	+	<b>IP67</b>	max 30m	+
141830303	0-300	3-300	0,01	±0,030	+	<b>IP67</b>	-	+
141831304	0-300	3-300	0,01	±0,030	+	<b>IP67</b>	max 30m	+

# GEAR TOOTH DIGITAL CALIPER

- For measure the thickness of gear teeth at the pitch line, hobs, form and thread tools, etc.
- electronic indication with 5 micron resolution
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Waterproof	Calibration
	mm	mm		ISO17025
142022600	M1-25	0,005	IP54	+
142025000	M1-50	0,005	IP54	+

**5µm**

RESOLUTION

**IP54**

PROTECTION



# TRANSFORMER FRAME COMPUTERIZED CALIPER WIRELESS

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

$Ax^2+Bx+C$   
PRESET

FORMULA MODE



TEMPERATURE  
COMPENSATION



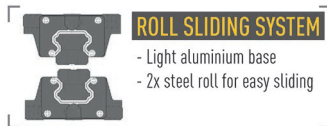
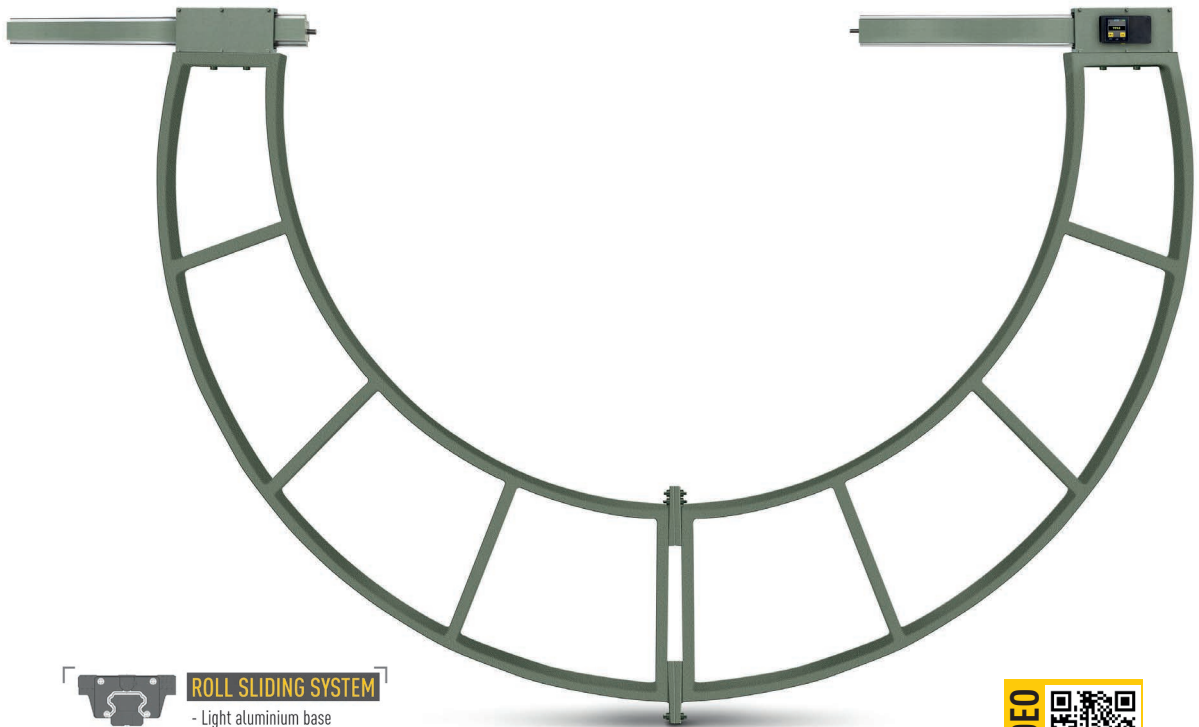
ERROR COMPENSATION

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA121314, UA122165, UA201912170 by MICROTECH
- Extra wide measuring range
- Quick measuring process about using roll construction
- Transformer construction for easy transportation
- 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
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

max 50 m  
data transfer distance



ROLL SLIDING SYSTEM

- Light aluminium base
- 2x steel roll for easy sliding



Item No	Range			Resolution	Accuracy	Weight	Functions	Data output	
	Common	Anvil	Stem					USB	Wireless
149001007	300-1000	0-350	0-350	0,001	±0,030	15	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
149002007	600-2000	0-700	0-700	0,001	±0,045	25		+	max 50 m
149003007	1600-3000	0-700	0-700	0,001	±0,065	38		+	max 50 m
149004007	2600-4000	0-700	0-700	0,001	±0,085	50		+	max 50 m
149005007	3600-5000	0-700	0-700	0,001	±0,110	63		+	max 50 m
149006007	4600-6000	0-700	0-700	0,001	±0,135	82		+	max 50 m
149008007	5500-8000	0-1250	0-1250	0,001	±0,160	126		+	max 50 m
149010007	7500-10000	0-1250	0-1250	0,001	±0,200	172		+	max 50 m



MICROTECH

since 1995



www.microtech.ua



ISO 17025

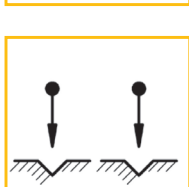
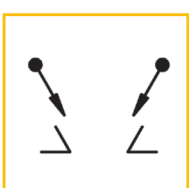
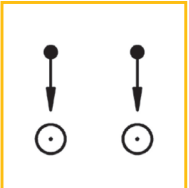
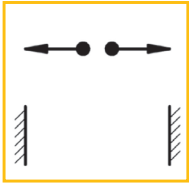
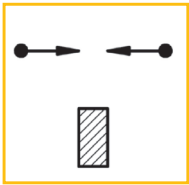
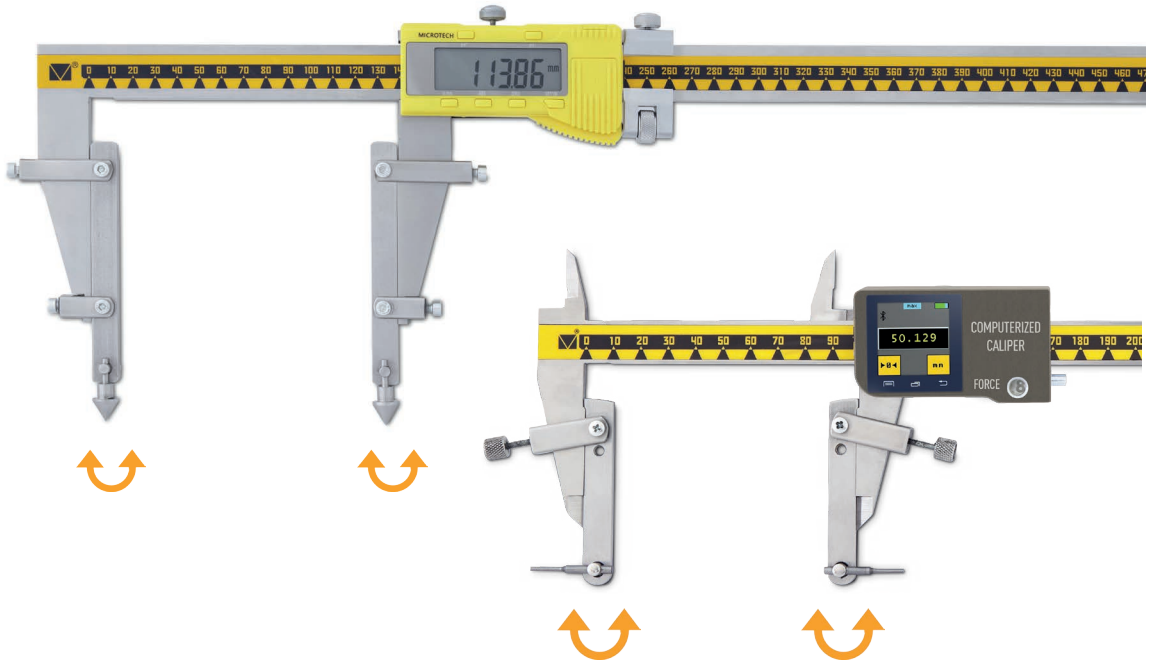


ISO 9001

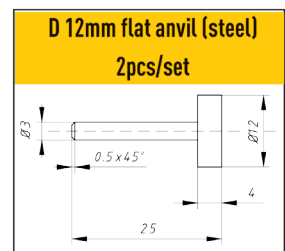
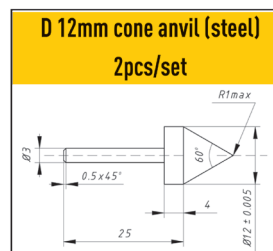
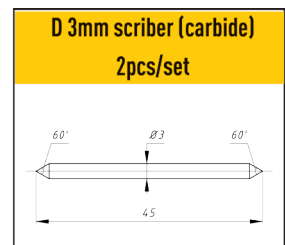
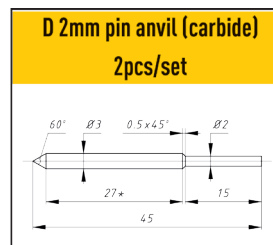
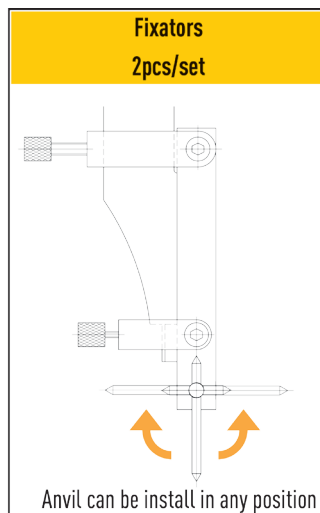
BUREAU VERITAS  
CERTIFICATION  
ISO 9001:2015

# UNIVERSAL ACCESORIES SET FOR CALIPER

- Patent UA135339
- Universal accessories set for calipers **NEW**
- Fixator set with 2-4 sets
- Anvils can be installed in any positions **NEW**
- Modifications for different types of calipers



Item No	Compatible caliper ranges	Fixator set	D 2mm pin set	D 3mm scriber set	D 12mm cone set	D 12mm flat set
	mm		carbide	carbide	steel	steel
140010001	0-150 0-200 0-300	+	+	+		
141010005	0-150 0-200 0-300	+	+	+	+	+
140030001	0-500 Jaw 100mm	+	+	+		
141030005	0-500 Jaw 100mm	+	+	+	+	+
140031001	0-500 Jaw 150mm	+	+	+		
141031005	0-500 Jaw 150mm	+	+	+	+	+
140032001	0-1000 Jaw 150mm	+	+	+		
141032005	0-1000 Jaw 150mm	+	+	+	+	+





# TABLET 4.0 MICRON COMPUTERIZED CALIPER

- Patent US10184772, UA 99687, UA 103318, UA 104879, UA117732, UA 122165 by MICROTECH
- Extra-High accuracy up to  $\pm 15\mu\text{m}$  (on 500mm range)
- Built in computer with touch screen
- Quality Control system with possibility import/export tasks, details draws & photos
- Export measuring results to USC, PC, Tablets, Cloud (Industry 4.0 ready)
- Graphical mode with export possibilities
- Save measurement results in \*.xls or QC files **NEW**
- Voice mode, Graphical mode, Go/ NoGo function (limits) with colour indication
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



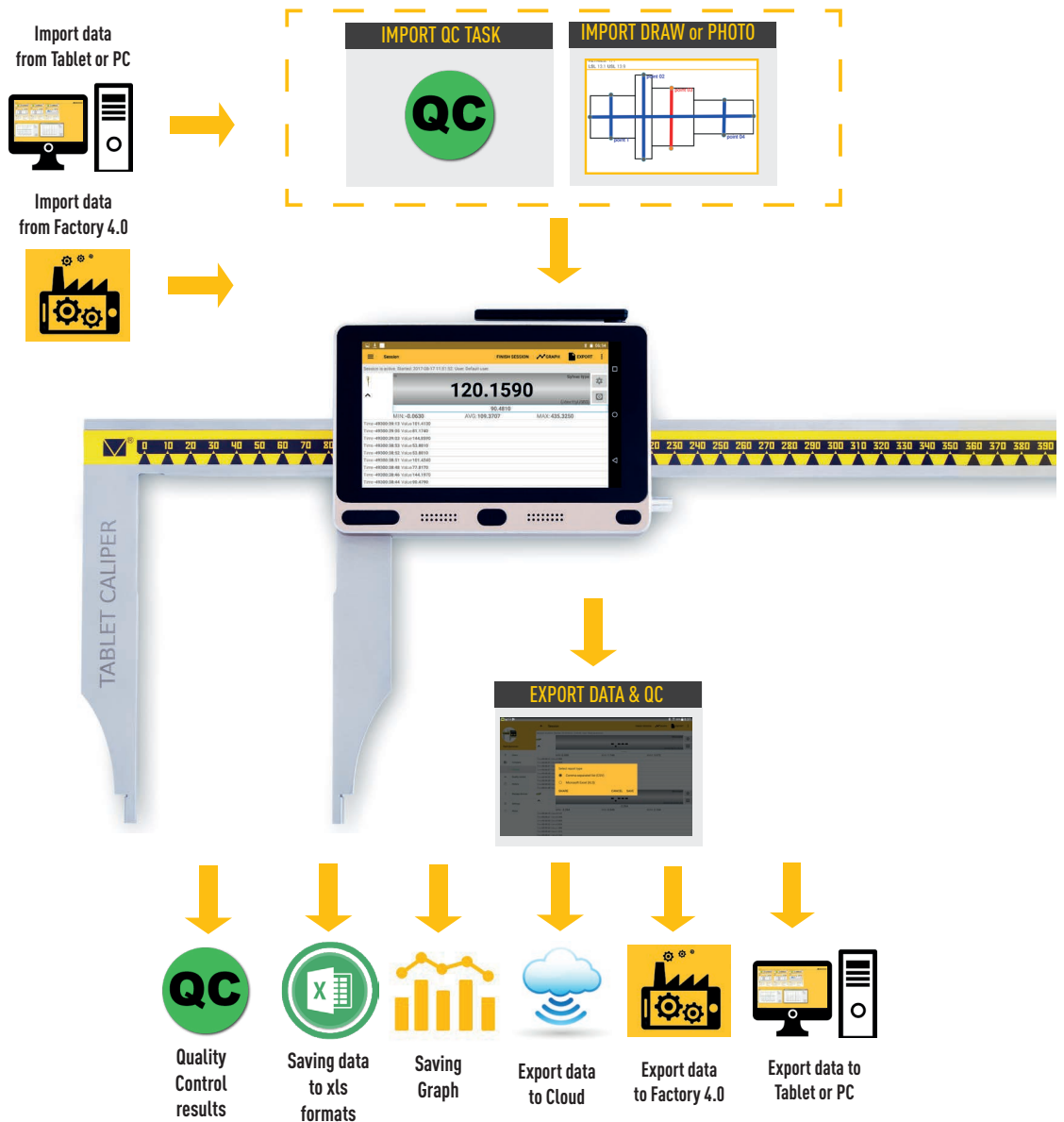
**4.0**  
INDUSTRY 4.0  
READY

**1µm**  
RESOLUTION

**µm**  
WIRELESS  
DATA TRANSFER

**8N**  
FORCE CONTROL

**Go  
NoGo**  
TOLERANCE FUNCTION



Item No	Range	Jaw length	Resolution	Accuracy	Measuring force	Quality control module	Calibration
141098052	0-500	150	0,001	$\pm 0,015$	15	+	ISO 17025
141098055	0-500	300	0,001	$\pm 0,025$	20	+	+
141098102	0-1000	150	0,001	$\pm 0,025$	15	+	+
141098105	0-1000	300	0,001	$\pm 0,030$	20	+	+
141098152	0-1500	150	0,001	$\pm 0,025$	15	+	+
141098155	0-1500	300	0,001	$\pm 0,030$	20	+	+
141098202	0-2000	150	0,001	$\pm 0,030$	15	+	+
141098205	0-2000	300	0,001	$\pm 0,040$	20	+	+

# MICRON LONG JAW COMPUTERIZED CALIPER WIRELESS

- Patent US10184772, UA99688, UA104879, UA126928 by MICROTECH
- 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 (with 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

**max 50 m**  
data transfer distance



Item No	Range	Resolution	Jaws	Accuracy	Measuring force	Functions	Indication	Data output		Calibration
								USB	Wireless	
	mm	mm	mm	mm	N					ISO17025
141005216	0-500	0,01	100	±0,030	15N	Error & Temp comp. Preset. Memory Max/Min Limits	Color Touchscreen 1.5"	+	max 50 m	+
141005217		0,001		±0,020				+	max 50 m	+
141005226		0,01	150	±0,030	15N			+	max 50 m	+
141005227		0,001		±0,025				+	max 50 m	+
141005256		0,01	300	±0,030	25N			+	max 50 m	+
141005257		0,001		±0,030				+	max 50 m	+
141006216	0-630	0,01	100	±0,030	15N			+	max 50 m	+
141006217		0,001		±0,020				+	max 50 m	+
141006256		0,01	300	±0,030	25N			+	max 50 m	+
141006257		0,001		±0,030				+	max 50 m	+
141010216	0-1000	0,01	150	±0,050	15N			+	max 50 m	+
141010217		0,001		±0,040				+	max 50 m	+
141010256		0,01	300	±0,050	25N			+	max 50 m	+
141010257		0,001		±0,040				+	max 50 m	+
141015216	0-1500	0,01	150	±0,060	15N			+	max 50 m	+
141015217		0,001		±0,050				+	max 50 m	+
141015256		0,01	300	±0,060	25N			+	max 50 m	+
141015257		0,001		±0,050				+	max 50 m	+
141020216	0-2000	0,01	150	±0,060	15N	+	max 50 m	+		
141020217		0,001		±0,050		+	max 50 m	+		
141020256		0,01	300	±0,060	25N	+	max 50 m	+		
141020257		0,001		±0,050		+	max 50 m	+		

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

Ax<sup>2</sup>+Bx+C  
PRESET  
FORMULA MODE

TEMPERATURE  
COMPENSATION

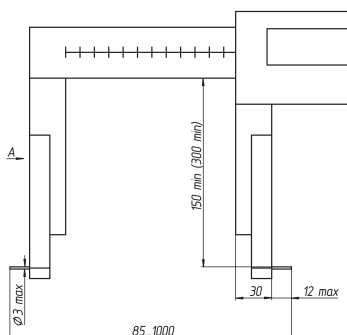
ERROR COMPENSATION



# MICRON LONG JAW COMPUTERIZED CALIPER (CARBIDE JAWS)

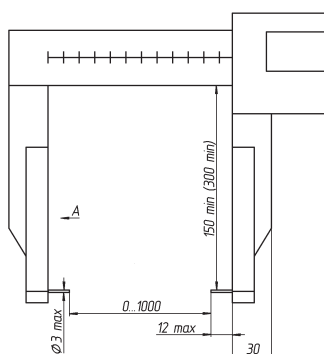
Item No	Range	Resolution	Jaws	Accuracy	Measuring force	Functions	Indication	Data output		Calibration
								USB	Wireless	
	mm	mm	mm	mm	N					ISO17025
141005216C	0-500	0,01	100	$\pm 0,030$	15N	Error & Temp comp. Preset. Memory Max/Min Limits	Color Touchscreen 1.5"	+	max 50 m	+
141005217C		0,001		$\pm 0,020$	15N			+	max 50 m	+
141005226C		0,01	150	$\pm 0,030$	15N			+	max 50 m	+
141005227C		0,001		$\pm 0,025$	15N			+	max 50 m	+
141005256C		0,01	300	$\pm 0,030$	25N			+	max 50 m	+
141005257C		0,001		$\pm 0,030$	25N			+	max 50 m	+
141010216C	0-1000	0,01	150	$\pm 0,050$	15N			+	max 50 m	+
141010256C		0,01	300	$\pm 0,050$	25N			+	max 50 m	+
141015216C	0-1500	0,01	150	$\pm 0,060$	15N			+	max 50 m	+
141015256C		0,01	300	$\pm 0,060$	25N			+	max 50 m	+
141020216C	0-2000	0,01	150	$\pm 0,060$	15N			+	max 50 m	+
141020256C		0,01	300	$\pm 0,060$	25N			+	max 50 m	+

## LONG JAW COMPUTERIZED CALIPER FOR INTERNAL MEASUREMENTS



Item No	Range	Resolution	Jaws	Accuracy	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm	mm				ISO17025
141305127	75-500	0,001	150	$\pm 0,030$	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
141305157		0,001	300	$\pm 0,040$		+	max 50 m	+
141310127	85-1000	0,001	150	$\pm 0,050$		+	max 50 m	+
141310157		0,001	300	$\pm 0,060$		+	max 50 m	+

## LONG JAW COMPUTERIZED CALIPER FOR EXTERNAL MEASUREMENTS



Item No	Range	Resolution	Jaws	Accuracy	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm	mm				ISO17025
141405127	0-500	0,001	150	$\pm 0,030$	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
141405157		0,001	300	$\pm 0,040$		+	max 50 m	+
141410127	0-1000	0,001	150	$\pm 0,050$		+	max 50 m	+
141410157		0,001	300	$\pm 0,060$		+	max 50 m	+



## LONG JAW VERNIER CALIPER

- Modification with Carbide tipped measuring faces
- Made of stainless steel
- With fine adjustment
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Jaws	Accuracy	Calibration
	mm	mm	mm	mm	ISO17025
141003051	0-500	0,02	100	±0,080	+
141003052		0,02	150	±0,080	+
141003061	0-630	0,02	100	±0,080	+
141003101	0-1000	0,02	125	±0,100	+
141115111	0-1500	0,02	150	±0,180	+
141120111	0-2000	0,02	150	±0,180	+
141130111	0-3000	0,02	150	±0,220	+
141130151	0-3000	0,02	300	±0,250	+

## CARBIDE JAW CALIPER

Item No	Range	Resolution	Jaws	Accuracy	Calibration
	mm	mm	mm	mm	ISO17025
141003051C	0-500	0,02	100	±0,080	+
141003052C		0,02	150	±0,080	+
141003061C	0-630	0,02	100	±0,080	+
141003101C	0-1000	0,02	125	±0,100	+

## NIB JAW DIGITAL CALIPER

- Modification with Carbide tipped measuring faces
- With fine adjustment
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Jaws	Accuracy	Calibration
	mm	mm	mm	mm	ISO17025
141105111	0-500	0,01	100	±0,050	+
141105121		0,01	150	±0,050	+
141105151		0,01	300	±0,050	+
141106111	0-630	0,01	100	±0,050	+
141106151		0,01	300	±0,050	+
141110111	0-1000	0,01	150	±0,080	+
141110151		0,01	300	±0,080	+
141115111	0-1500	0,01	150	±0,080	+
141115151		0,01	300	±0,080	+
141120111	0-2000	0,01	150	±0,100	+
141120151		0,01	300	±0,100	+

## CARBIDE JAW DIGITAL CALIPER

Item No	Range	Resolution	Jaws	Accuracy	Calibration
	mm	mm	mm	mm	ISO17025
141105111C	0-500	0,01	100	±0,050	+
141105121C		0,01	150	±0,050	+
141105151C		0,01	300	±0,050	+
141110111C	0-1000	0,01	150	±0,080	+
141110151C		0,01	300	±0,080	+
141115111C	0-1500	0,01	150	±0,080	+
141115151C		0,01	300	±0,080	+
141120111C	0-2000	0,01	150	±0,100	+
141120151C		0,01	300	±0,100	+

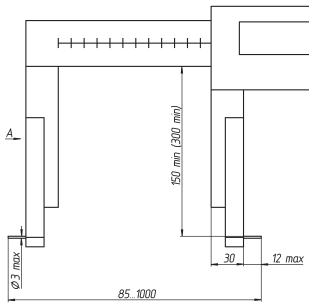
# PRECISION LONG JAW FORCE DIGITAL CALIPER

- Force control module for precision measurements
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



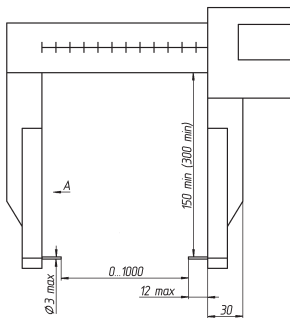
Item No	Range	Resolution	Jaws	Accuracy	Measuring force	Calibration
	mm	mm	mm	mm	N	ISO17025
141005211	0-500	0,01	100	±0,030	15N	+
141005221		0,01	150	±0,030	15N	+
141005251		0,01	300	±0,030	25N	+
141006211	0-630	0,01	100	±0,030	15N	+
141006251		0,01	300	±0,030	25N	+
141010211	0-1000	0,01	150	±0,050	15N	+
141010251		0,01	300	±0,050	25N	+
141015211	0-1500	0,01	150	±0,060	15N	+
141015251		0,01	300	±0,060	25N	+
141020211	0-2000	0,01	150	±0,060	15N	+
141020251		0,01	300	±0,060	25N	+

## LONG JAW DIGITAL CALIPER FOR INTERNAL MEASUREMENTS

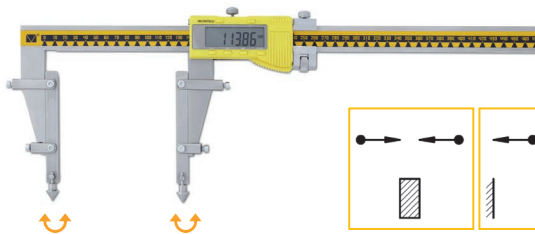


Item No	Range	Resolution	Jaws	Accuracy	Functions	Calibration
	mm	mm	mm	mm		ISO17025
141305121	75-500	0,01	150	±0,045	Preset	+
141305151		0,01	300	±0,055		+
141310121	85-1000	0,01	150	±0,070		+
141310151		0,01	300	±0,080		+

## LONG JAW DIGITAL CALIPER FOR EXTERNAL MEASUREMENTS



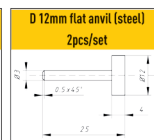
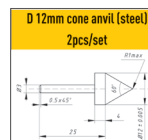
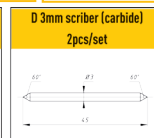
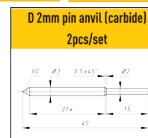
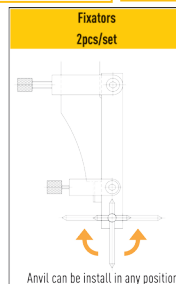
Item No	Range	Resolution	Jaws	Accuracy	Functions	Calibration
	mm	mm	mm	mm		ISO17025
141405121	0-500	0,01	150	±0,045	Preset	+
141405151		0,01	300	±0,055		+
141410121	0-1000	0,01	150	±0,070		+
141410151		0,01	300	±0,080		+



## ACCESORIES SET FOR NIB JAW CALIPER



Item No	Compatible caliper ranges	Fixator set	D 2mm pin set	D 3mm scriber set	D 12mm cone set	D 12mm flat set
	mm		carbide	carbide	steel	steel
140031001	0-500 Jaw 150mm	+	+	+		
141031005	0-500 Jaw 150mm	+	+	+	+	+
140032001	0-1000 Jaw 150mm	+	+	+		
141032005	0-1000 Jaw 150mm	+	+	+	+	+



# MICRON LONG JAW COMPUTERIZED CALIPER WIRELESS

- Patent US10184772, UA 99687, UA 103318, UA 104879, UA 112254, UA 121314, UA 122165 by MICROTECH
- Hardened extra long jaws or light construction (Aluminium base with roll sliding system)
- Modification with modular design with measuring range up to 10m
- Built in micro computer with colour Touchscreen display
- 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
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



up to **1000mm**



**INDUSTRY 4.0**  
READY



**WIRELESS**  
DATA TRANSFER



**FORCE CONTROL**



**TOLERANCE FUNCTION**



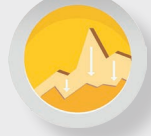
**MEMORY MANAGER**



**FORMULA MODE**



**TEMPERATURE COMPENSATION**



**ERROR COMPENSATION**



# LIGHT LONG JAW COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Jaws	Accuracy	Weight	Functions	Data output		Calibration
							USB	Wireless	
	mm	mm	mm	mm	kg				ISO17025
142405243	0-500	0,01	200	±0,020	2,7	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
142305243	0-500	0,001	200	±0,020	2,7		+	max 50 m	+
142405343	0-500	0,01	300	±0,030	2,9		+	max 50 m	+
142305343	0-500	0,001	300	±0,025	2,9		+	max 50 m	+
142405443	0-450	0,01	400	±0,030	3,3		+	max 50 m	+
142305443	0-450	0,001	400	±0,025	3,3		+	max 50 m	+
142411243	0-1100	0,01	200	±0,030	3,5		+	max 50 m	+
142311243	0-1100	0,001	200	±0,025	3,5		+	max 50 m	+
142411443	0-1050	0,01	400	±0,040	3,9		+	max 50 m	+
142311443	0-1050	0,001	400	±0,035	3,9		+	max 50 m	+
142415243	0-1500	0,01	200	±0,050	5,2		+	max 50 m	+
142315243	0-1500	0,001	200	±0,040	5,2		+	max 50 m	+
142415443	0-1500	0,01	400	±0,050	5,6		+	max 50 m	+
142315443	0-1500	0,001	400	±0,040	5,6		+	max 50 m	+

# EXTRA LONG JAW COMPUTERIZED CALIPER WIRELESS

Item No	Range	Resolution	Jaws	Accuracy	Weight	Functions	Data output		Calibration
							USB	Wireless	
	mm	mm	mm	mm	kg				ISO17025
142115152	0-1500	0,01	500	±0,065	19	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
142115182	0-1500	0,01	800	±0,085	20		+	max 50 m	+
142120132	0-2000	0,01	300	±0,060	10,5		+	max 50 m	+
142120152	0-2000	0,01	500	±0,085	23		+	max 50 m	+
142120102	0-2000	0,01	1000	±0,120	26		+	max 50 m	+
142125132	0-2500	0,01	300	±0,090	13,3		+	max 50 m	+
142125152	0-2500	0,01	500	±0,105	26		+	max 50 m	+
142125102	0-2500	0,01	1000	±0,140	29		+	max 50 m	+
142130132	0-3000	0,01	300	±0,100	15,4		+	max 50 m	+
142130152	0-3000	0,01	500	±0,110	28		+	max 50 m	+
142130102	0-3000	0,01	1000	±0,160	32		+	max 50 m	+
142135132	0-3500	0,01	300	±0,120	17,4		+	max 50 m	+
142135152	0-3500	0,01	500	±0,160	33		+	max 50 m	+
142135102	0-3500	0,01	1000	±0,240	37		+	max 50 m	+

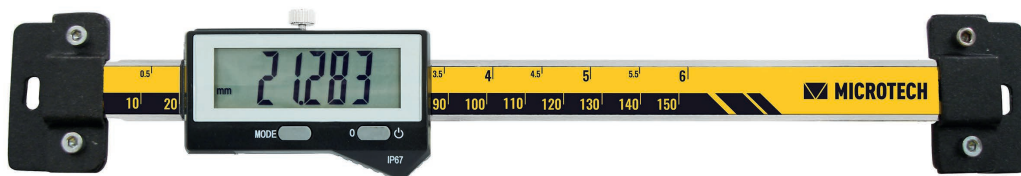
# TRANSFORMER COMPUTERIZED CALIPER WIRELESS

Item No	Total Range	Measuring Range	Jaws	Accuracy	Weight	Extra Module	Functions	Data output		Calibration
								USB	Wireless	
	mm	mm	mm	mm	kg	pcs				ISO17025
141095043	0-4000	2000+	400	±0,18	29	1	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m	+
141095049	0-4000	2000+	1000	±0,26	31	1		+	max 50 m	+
141095063	0-6000	2000+	400	±0,21	35,5	2		+	max 50 m	+
141095069	0-6000	2000+	1000	±0,29	37,5	2		+	max 50 m	+
141095083	0-8000	2000+	400	±0,25	42	3		+	max 50 m	+
141095089	0-8000	2000+	1000	±0,33	44	3		+	max 50 m	+
141095103	0-10000	2000+	400	±0,30	49,5	4		+	max 50 m	+
141095109	0-10000	2000+	1000	±0,38	51,5	4		+	max 50 m	+



# SCALE UNIT

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA 21314, UA122165, UA126928 by MICROTECH
- Modification with High level Swiss electronic with big screen. Protection class IP-67
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- Modification with self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Modification with Built in multifunctional micro computer with colour Touchscreen display 1,5"
- Wide range scale with roll sliding system
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS



**max 50 m**  
data transfer distance



Free Software for Windows, Android, iOS





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

Ax<sup>2</sup>+Bx+C  
PRESET

FORMULA MODE

Al  
Cu  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

## DIGITAL SCALE UNIT

Item No	Range	Resolution	Accuracy	Calibration
	mm	mm	mm	ISO 17025
142500145	0-100	0,005	±0,015	+
142501145	0-150	0,005	±0,015	+
142502145	0-200	0,005	±0,015	+
142503145	0-300	0,005	±0,020	+

## MICRON DIGITAL SCALE UNIT

Item No	Range	Resolution	Accuracy	Calibration
	mm	mm	mm	ISO 17025
142500144	0-100	0,001	±0,010	+
142501144	0-150	0,001	±0,010	+
142502144	0-200	0,001	±0,015	+
142503144	0-300	0,001	±0,015	+

## COMPUTERIZED SCALE UNIT WIRELESS

Item No	Range	Resolution	Accuracy	Material	Functions	Data output	
						USB	Wireless
142500140	0-100	0,005	±0,010	St.steel	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
142501140	0-150	0,005	±0,010	St.steel		+	max 50 m
142502140	0-200	0,005	±0,015	St.steel		+	max 50 m
142503140	0-300	0,005	±0,020	St.steel		+	max 50 m
142505140	0-500	0,01	±0,030	St.steel		+	max 50 m
142510140	0-1000	0,01	±0,040	St.steel		+	max 50 m
142510140	0-1500	0,01	±0,050	St.steel		+	max 50 m
142510140	0-2000	0,01	±0,060	St.steel		+	max 50 m

## MICRON COMPUTERIZED SCALE UNIT WIRELESS

Item No	Range	Resolution	Accuracy	Material	Functions	Data output	
						USB	Wireless
142500141	0-100	0,001	±0,007	St.steel	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
142501141	0-150	0,001	±0,007	St.steel		+	max 50 m
142502141	0-200	0,001	±0,010	St.steel		+	max 50 m
142503141	0-300	0,001	±0,015	St.steel		+	max 50 m
142505141	0-500	0,001	±0,020	St.steel		+	max 50 m
142510141	0-1000	0,001	±0,030	St.steel		+	max 50 m
142510141	0-1500	0,001	±0,040	St.steel		+	max 50 m
142510141	0-2000	0,001	±0,050	St.steel		+	max 50 m

## MICRON WIDE RANGE COMPUTERIZED SCALE WIRELESS

Item No	Range	Resolution	Accuracy	Roll guides	Material	Beam section	Weight	Functions	Data output	
									USB	Wireless
142505147	0-550	0,01	±0,02-	+	Aluminium	68x25	2,0	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
142510147	0-1150	0,01	±0,030	+	Aluminium	68x25	3,2		+	max 50 m
142515147	0-1500	0,01	±0,030	+	Aluminium	68x25	4,8		+	max 50 m
142520147	0-2000	0,01	±0,040	+	Aluminium	80x25	10,6		+	max 50 m
142525147	0-2500	0,01	±0,040	+	Aluminium	80x25	12,8		+	max 50 m
142530147	0-3000	0,01	±0,050	+	Aluminium	80x25	15,0		+	max 50 m
142535147	0-3500	0,01	±0,060	+	Aluminium	80x25	17,2		+	max 50 m

## MICRON WIDE RANGE COMPUTERIZED SCALE WIRELESS

Item No	Range	Resolution	Accuracy	Roll guides	Material	Beam section	Weight	Functions	Data output	
									USB	Wireless
142505141	0-550	0,001	±0,015	+	Aluminium	68x25	2,0	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
142510141	0-1150	0,001	±0,020	+	Aluminium	68x25	3,2		+	max 50 m
142515141	0-1500	0,001	±0,025	+	Aluminium	68x25	4,8		+	max 50 m
142520141	0-2000	0,001	±0,030	+	Aluminium	80x25	10,6		+	max 50 m
142525141	0-2500	0,001	±0,035	+	Aluminium	80x25	12,8		+	max 50 m
142530141	0-3000	0,001	±0,040	+	Aluminium	80x25	15,0		+	max 50 m
142535141	0-3500	0,001	±0,045	+	Aluminium	80x25	17,2		+	max 50 m



MICROTECH

since 1995



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ISO 17025



ISO 9001:2015

# COMPUTERIZED FORCE HEIGHT GAUGE WIRELESS

- Patent US10184772, UA 99687, UA103318, UA104879, UA112254, UA 126928 by MICROTECH
- Force control module or Fine adjustment whel with Force control
- Iron or Granite (gr.00) base
- 1 or 10 micron resolution
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temp. error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Force module  
for quick  
measureings



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



GRANITE BASE  
GR.00



WHEEL WITH  
FORCE CONTROL  
MODULE



## FORCE COMPUTERIZED HEIGHT GAUGE

Item No	Range	Resolution	Accuracy	Force control	Base	Functions	Data output		Calibration
							USB	Wireless	
	mm	mm	mm						ISO 17025
1443030262	0-300	0,01	±0,030	12N	Cast iron	Error & Temp	+	max 50 m	+
1443050262	0-500	0,01	±0,040	12N	Cast iron	comp. Preset.	+	max 50 m	+
1443100262	0-1000	0,01	±0,050	12N	Cast iron	Memory	+	max 50 m	+
1443150262	0-1500	0,01	±0,070	12N	Cast iron	Max/Min	+	max 50 m	+
1443200262	0-2000	0,01	±0,090	12N	Cast iron	Limits	+	max 50 m	+

## MICRON FORCE COMPUTERIZED HEIGHT GAUGE

Item No	Range	Resolution	Accuracy	Force control	Base	Functions	Data output		Calibration
							USB	Wireless	
	mm	mm	mm						ISO 17025
1443030261	0-300	0,001	±0,020	12N	Cast iron	Error & Temp	+	max 50 m	+
1443050261	0-500	0,001	±0,030	12N	Cast iron	comp. Preset.	+	max 50 m	+
1443100261	0-1000	0,001	±0,040	12N	Cast iron	Memory	+	max 50 m	+
1443150261	0-1500	0,001	±0,060	12N	Cast iron	Max/Min	+	max 50 m	+
1443200261	0-2000	0,001	±0,075	12N	Cast iron	Limits	+	max 50 m	+

## FORCE WHEEL COMPUTERIZED HEIGHT GAUGE

Item No	Range	Resolution	Accuracy	Fine adjust. wheel with Force	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
1443030264	0-300	0,01	±0,030	8N	Error & Temp	+	max 50 m	+
1443050264	0-500	0,01	±0,040	8N	comp. Preset.	+	max 50 m	+
1443060264	0-600	0,01	±0,040	8N	Memory	+	max 50 m	+
					Max/Min			
					Limits	+	max 50 m	+

## MICRON FORCE WHEEL COMPUTERIZED HEIGHT GAUGE

Item No	Range	Resolution	Accuracy	Fine adjust. wheel with Force	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
1443030263	0-300	0,001	±0,020	8N	Error & Temp	+	max 50 m	+
1443050263	0-500	0,001	±0,030	8N	comp. Preset.	+	max 50 m	+
1443060263	0-600	0,001	±0,030	8N	Memory	+	max 50 m	+
					Max/Min			
					Limits	+	max 50 m	+

## MICRON COMPUTERIZED HEIGHT GAUGE (GRANITE BASE)

Item No	Range	Resolution	Accuracy	Fine adjust. wheel with Force	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
1443030266	0-300	0,001	±0,015	8N	Error & Temp	+	max 50 m	+
1443050266	0-500	0,001	±0,025	8N	comp. Preset.	+	max 50 m	+
1443060266	0-600	0,001	±0,025	8N	Memory	+	max 50 m	+
					Max/Min			
					Limits	+	max 50 m	+

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

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION



MICROTECH

since 1995



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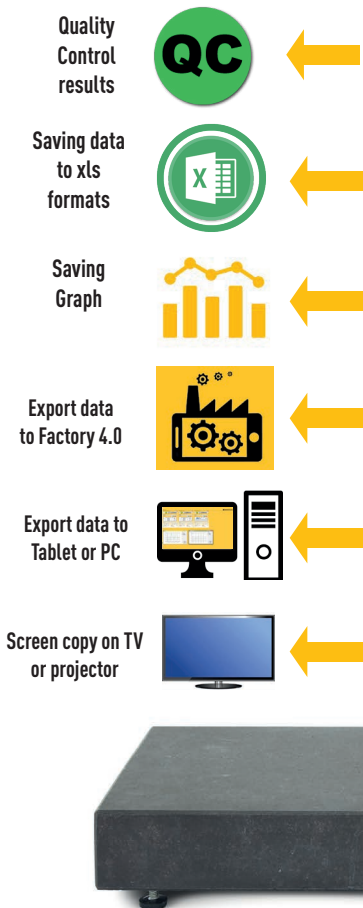
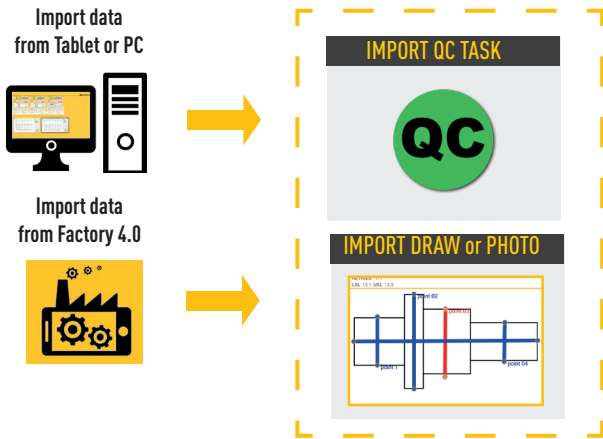
ISO 17025



ISO 9001:2015

# TABLET 4.0 MICRON COMPUTERIZED HEIGHT GAUGE WIRELESS

- Patent US10184772, UA99687, UA131637, UA202002000 by MICROTECH
- Extra-High accuracy up to  $\pm 15\mu\text{m}$  (on 500mm range)
- Quality Control system with possibility import/export tasks, setails draws & photos
- Export measuring results to USB, PC, Tablets (Industry 4.0 ready)
- Graphical mode with export possibilities
- Save measurement results in \*.xls or QC files **NEW**
- Voice mode, Graphical mode, Go/ NoGo function (limits) with colour indication
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



WHEEL WITH FORCE CONTROL MODULE



REMOVABLE TABLET UNIT



4.0

INDUSTRY 4.0  
READY

1 $\mu\text{m}$

RESOLUTION

IP65

PROTECTION

$\mu\text{m}$

WIRELESS  
DATA TRANSFER

8N

FORCE CONTROL

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Cu  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

## TABLET COMPUTERIZED HEIGHT GAUGE

Item No	Range	Resolution	Accuracy	Indication	Quality control module	Import draw/photo	Fine adjustment wheel with Force	Force control	Calibration
	mm	mm	mm						ISO 17025
1443030292	0-300	0,01	±0,030	6" Colour	+	+	8N		+
1443050292	0-500	0,01	±0,030	6" Colour	+	+	8N		+
1443060292	0-600	0,01	±0,030	6" Colour	+	+	8N		+
1443100282	0-1000	0,01	±0,040	6" Colour	+	+	-	12N	+
1443150282	0-1500	0,01	±0,050	6" Colour	+	+	-	12N	+

## TABLET MICRON COMPUTERIZED HEIGHT GAUGE

Item No	Range	Resolution	Accuracy	Indication	Quality control module	Import draw/photo	Fine adjustment wheel with Force	Force control	Calibration
	mm	mm	mm						ISO 17025
1443030291	0-300	0,001	±0,030	6" Colour	+	+	8N		+
1443050291	0-500	0,001	±0,030	6" Colour	+	+	8N		+
1443060291	0-600	0,001	±0,030	6" Colour	+	+	8N		+
1443100281	0-1000	0,001	±0,040	6" Colour	+	+	-	12N	+
1443150281	0-1500	0,001	±0,050	6" Colour	+	+	-	12N	+

## TABLET MICRON COMPUTERIZED HEIGHT GAUGE (GRANITE BASE)

Item No	Range	Resolution	Accuracy	Indication	Quality control module	Import draw/photo	Fine adjustment wheel with Force	Force control	Calibration
	mm	mm	mm						ISO 17025
1443030296	0-300	0,001	±0,030	6" Colour	+	+	8N		+
1443050296	0-500	0,001	±0,030	6" Colour	+	+	8N		+
1443060296	0-600	0,001	±0,030	6" Colour	+	+	8N		+
1443100286	0-1000	0,001	±0,040	6" Colour	+	+	-	12N	+
1443150286	0-1500	0,001	±0,050	6" Colour	+	+	-	12N	+

## ACCESORIES

Item No	Base
	Iron
1443020371	Magnetic base 200x100mm
1443003371	Extended iron plate 330x165 mm
1443004371	Extended iron plate 400x200 mm
1443005371	Extended iron plate 500x250 mm
1443007371	Extended iron plate 700x350 mm
1443010371	Magnetic prism 120x70x95mm



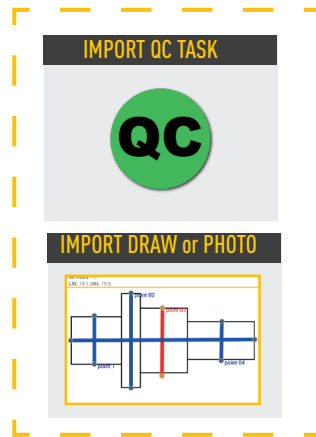
# 2D TABLET COMPUTERIZED HEIGHT GAUGE

- Patent US10184772, UA99687, UA131637, UA202002000 by MICROTECH
- Extra-High accuracy up to  $\pm 15\mu\text{m}$  (on 500mm range)
- Quality Control system with possibility import/export tasks, setails draws & photos
- Export measuring results to USB, PC, Tablets (Industry 4.0 ready)
- Graphical mode with export possibilities
- Save measurement results in \*.xls or QC files **NEW**
- Voice mode, Graphical mode, Go/ NoGo function (limits) with colour indication
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Import data  
from Tablet or PC



Import data  
from Factory 4.0



## MICROTECH COMPUTERIZED & WIRELESS INSTRUMENTS



REMOVABLE TABLET UNIT



Quality  
Control  
results



Saving data  
to xls  
formats



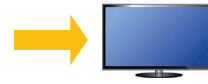
Saving  
Graph



Export data  
to Factory 4.0



Export data to  
Tablet or PC



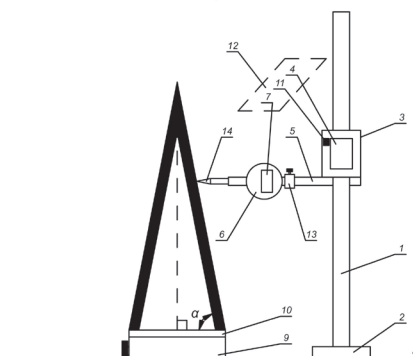
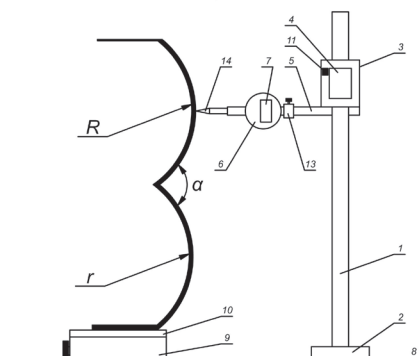
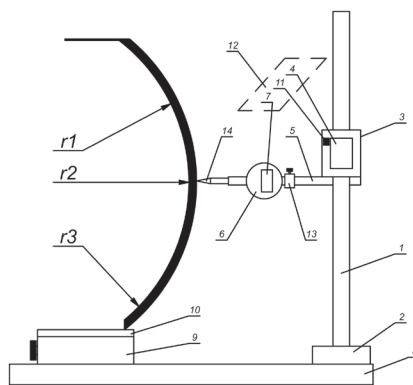
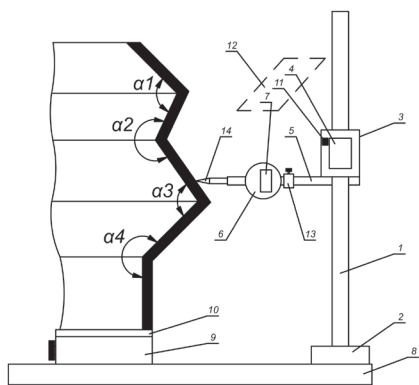
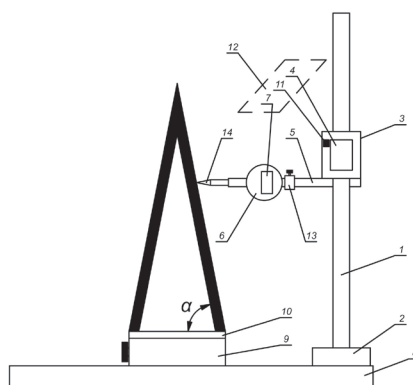
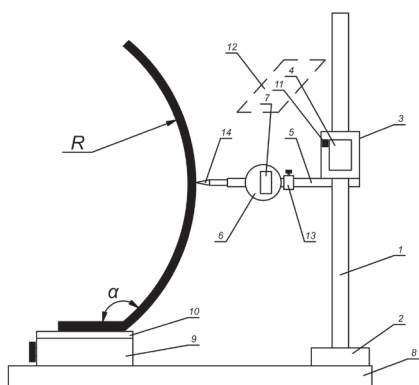
Screen copy on TV  
or projector

# 2D TABLET COMPUTERIZED HEIGHT GAUGE

Item No	Range		Resolution		Accuracy	Indication	Functions	Fine adjustment wheel	Measureings	Base	Data output		Calibration
	Z	X	Z	X							USB	Wireless	
	mm		mm		mm					Iron	USB	Wireless	ISO 17025
1443030371	0-300	0-13	0,001	0,0001	±0,015	6" Colour	- QC module - import draw - Go/NoGo -Graph, Export	+	macroprofile angles form radius	+	+	max 50 m	+
1443050371	0-500	0-25	0,001	0,0001	±0,020	6" Colour		+		+	+	max 50 m	+
1443100371	0-1000	0-50	0,001	0,0001	±0,035	6" Colour		+		+	+	max 50 m	+

## ACCESSORIES

Item No	Base
	Iron
1443020371	Magnetic base 200x100mm
1443003371	Extended iron plate 330x165 mm
1443004371	Extended iron plate 400x200 mm
1443005371	Extended iron plate 500x250 mm
1443007371	Extended iron plate 700x350 mm
1443010371	Magnetic prism 120x70x95mm



# SUB-MICRON COMPUTERIZED MICROMETER WIRELESS

- Patent UA99688, UA103981, UA126928, UA112291, UA116231, UA124020, W02016124992 by MICROTECH
- High accuracy up to  $\pm 1.5\mu\text{m}$  (in 3 times better then DIN 863-1)
- 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 (with 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)



4.0

INDUSTRY 4.0  
READY

0.1  $\mu\text{m}$

RESOLUTION

IP65

PROTECTION

$\mu\text{m}$

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Cu  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

ERROR COMPENSATION

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output		Calibration
						USB	Wireless	
110180257	0-25	0,0001	$\pm 0,0020$	IP-65	Error & Temp comp. Preset. Memory Max/ Min Limits	+	max 50m	+
110180258	0-25	0,0001	$\pm 0,0015$	IP-65		+	max 50m	+
110180507	25-50	0,0001	$\pm 0,0020$	IP-65		+	max 50m	+
110180508	25-50	0,0001	$\pm 0,0015$	IP-65		+	max 50m	+
110180758	50-75	0,0001	$\pm 0,0020$	IP-65		+	max 50m	+
110181008	75-100	0,0001	$\pm 0,0020$	IP-65		+	max 50m	+
110181258	100-125	0,0001	$\pm 0,0030$	IP-65		+	max 50m	+
110181508	125-150	0,0001	$\pm 0,0030$	IP-65		+	max 50m	+
110181758	150-175	0,0001	$\pm 0,0035$	IP-65		+	max 50m	+
110182008	175-200	0,0001	$\pm 0,0035$	IP-65		+	max 50m	+
110182258	200-225	0,0001	$\pm 0,0040$	IP-65		+	max 50m	+
110182508	225-250	0,0001	$\pm 0,0040$	IP-65		+	max 50m	+
110182758	250-275	0,0001	$\pm 0,0040$	IP-65		+	max 50m	+
110183008	275-300	0,0001	$\pm 0,0040$	IP-65		+	max 50m	+





# PRECISION DIGITAL MICROMETER IP54

- High accuracy up to  $\pm 2\mu\text{m}$  (in 2 times better then DIN 863-1)
- Friction thimble micrometer head
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 15 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

**IP54**  
PROTECTION

**1  $\mu\text{m}$**   
RESOLUTION



Item No	Range	Resolution	Accuracy	Protection class	Calibration
	mm	mm	mm		ISO 17025
110180253	0-25	0,001	$\pm 0,002$	IP-54	+
110180503	25-50	0,001	$\pm 0,002$	IP-54	+
110180753	50-75	0,001	$\pm 0,002$	IP-54	+
110181003	75-100	0,001	$\pm 0,003$	IP-54	+
110181253	100-125	0,001	$\pm 0,003$	IP-54	+
110181503	125-150	0,001	$\pm 0,003$	IP-54	+

# PRECISION DIGITAL MICROMETER IP65

**IP65**  
PROTECTION

**1  $\mu\text{m}$**   
RESOLUTION



Item No	Range	Resolution	Accuracy	Protection class	Calibration
	mm	mm	mm		ISO 17025
110180254	0-25	0,001	$\pm 0,002$	IP-65	+
110180504	25-50	0,001	$\pm 0,002$	IP-65	+
110180754	50-75	0,001	$\pm 0,002$	IP-65	+
110181004	75-100	0,001	$\pm 0,003$	IP-65	+
110181254	100-125	0,001	$\pm 0,003$	IP-65	+
110181504	125-150	0,001	$\pm 0,003$	IP-65	+

# WIRELESS DATA MICROMETER IP65

**IP65**  
PROTECTION

**1  $\mu\text{m}$**   
RESOLUTION

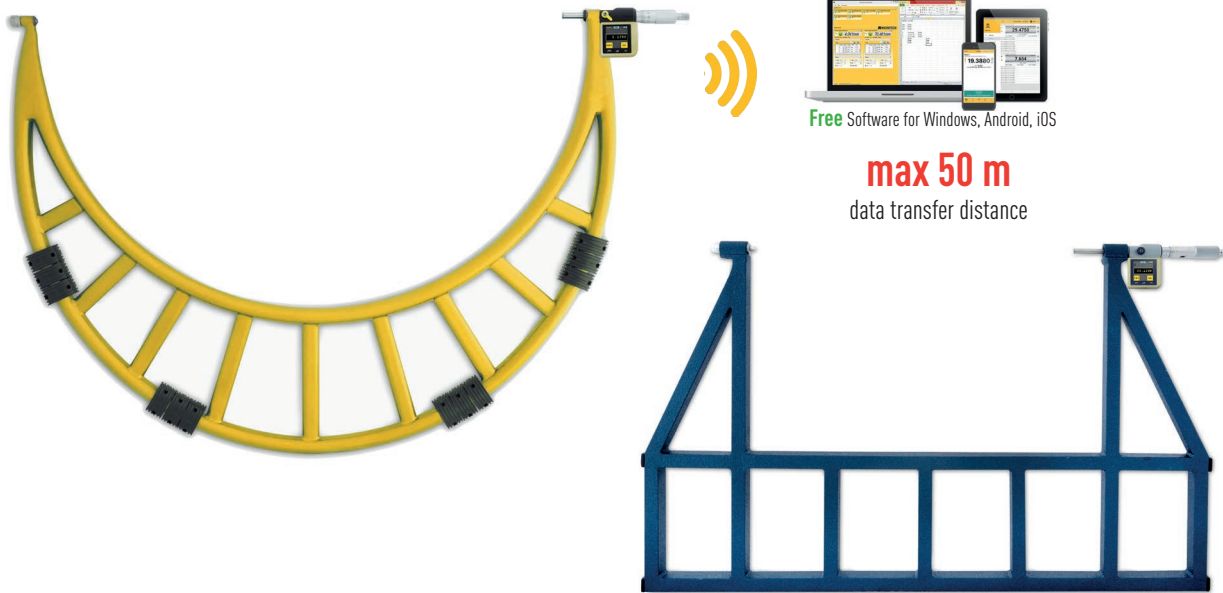


Item No	Range	Resolution	Accuracy	Protection class	Data output	Calibration
	mm	mm	mm		Wireless	ISO 17025
110180256	0-25	0,001	$\pm 0,002$	IP-65	max 15m	+
110180506	25-50	0,001	$\pm 0,002$	IP-65	max 15m	+
110180756	50-75	0,001	$\pm 0,002$	IP-65	max 15m	+
110181006	75-100	0,001	$\pm 0,003$	IP-65	max 15m	+
110181256	100-125	0,001	$\pm 0,003$	IP-65	max 15m	+
110181506	125-150	0,001	$\pm 0,003$	IP-65	max 15m	+



# WIDE RANGE COMPUTERIZED MICROMETER WIRELESS

- Patent UA99688, UA103981, UA126928, UA112291, UA1162316, UA124020, WO2016124992 by MICROTECH
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
110184008	300-400	0,0001	±0,005	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
110185008	400-500	0,0001	±0,005	IP-65		+	max 50m	+
110186008	500-600	0,0001	±0,006	IP-65		+	max 50m	+
110187008	600-700	0,0001	±0,007	IP-65		+	max 50m	+
110188008	700-800	0,0001	±0,008	IP-65		+	max 50m	+
110189008	800-900	0,0001	±0,010	IP-65		+	max 50m	+
110181108	900-1000	0,0001	±0,010	IP-65		+	max 50m	+
110181208	1000-1200	0,0001	±0,014	IP-65		+	max 50m	+
110181408	1200-1400	0,0001	±0,016	IP-65		+	max 50m	+
110181608	1400-1600	0,0001	±0,020	IP-65		+	max 50m	+
110181808	1600-1800	0,0001	±0,024	IP-65		+	max 50m	+
110182108	1800-2000	0,0001	±0,030	IP-65		+	max 50m	+

# WIDE RANGE COMPUTERIZED MICROMETER (RECTANGLE FRAME)

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
110184058	300-400	0,0001	±0,005	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
110185058	400-500	0,0001	±0,005	IP-65		+	max 50m	+
110186058	500-600	0,0001	±0,006	IP-65		+	max 50m	+
110187058	600-700	0,0001	±0,007	IP-65		+	max 50m	+
110188058	700-800	0,0001	±0,008	IP-65		+	max 50m	+
110189058	800-900	0,0001	±0,010	IP-65		+	max 50m	+
110181158	900-1000	0,0001	±0,010	IP-65		+	max 50m	+
110181258	1000-1200	0,0001	±0,014	IP-65		+	max 50m	+
110181458	1200-1400	0,0001	±0,016	IP-65		+	max 50m	+
110181658	1400-1600	0,0001	±0,020	IP-65		+	max 50m	+
110181858	1600-1800	0,0001	±0,024	IP-65		+	max 50m	+
110182158	1800-2000	0,0001	±0,030	IP-65		+	max 50m	+

4.0

INDUSTRY 4.0  
READY

0.1 μm

RESOLUTION

IP65

PROTECTION

μm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax<sup>2</sup>+Bx+C  
PRESET

FORMULA MODE

Al  
Cu  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION



# TRANSFORMER COMPUTERIZED MICROMETER

4.0

INDUSTRY 4.0  
READY

0.1 μm

RESOLUTION

IP65

PROTECTION

μm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Cu  
Fe  
Fe

TEMPERATURE  
COMPENSATION

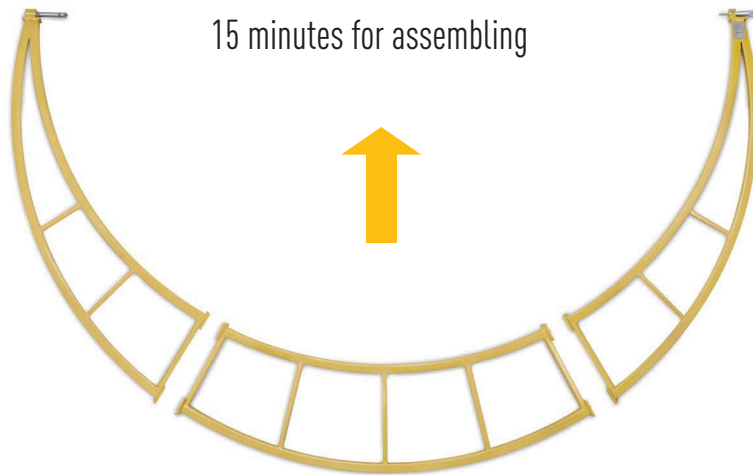
ERROR COMPENSATION

- Patent UA 99688, UA103981, UA126926, UA108044, UA112291, UA116231, WO2016124992 by MICROTECH
- Extra wide measuring range
- 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

max 50 m  
data transfer distance



Item No	Range	Resolution	Accuracy	Modules	Protection class	Functions	Data output	
							USB	Wireless
110160155	1000-1500	0,0001	±0,028	2	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
110160205	1500-2000	0,0001	±0,032	2	IP-65		+	max 50m
110160305	2000-3000	0,0001	±0,050	3	IP-65		+	max 50m
110160405	3000-4000	0,0001	±0,060	4	IP-65		+	max 50m
110160505	4000-5000	0,0001	±0,075	5	IP-65		+	max 50m
110160605	5000-6000	0,0001	±0,090	6	IP-65		+	max 50m
110160705	6000-7000	0,0001	±0,105	7	IP-65		+	max 50m
110160805	7000-8000	0,0001	±0,120	8	IP-65		+	max 50m
110160905	8000-9000	0,0001	±0,135	9	IP-65		+	max 50m
110161005	9000-10000	0,0001	±0,150	10	IP-65		+	max 50m



MICROTECH

since 1995



www.microtech.ua



ISO 17025



ISO 9001

BUREAU VERITAS  
CERTIFICATION  
ISO 9001:2015

# SUB-MICRON COMPUTERIZED BENCH MICROMETER WIRELESS

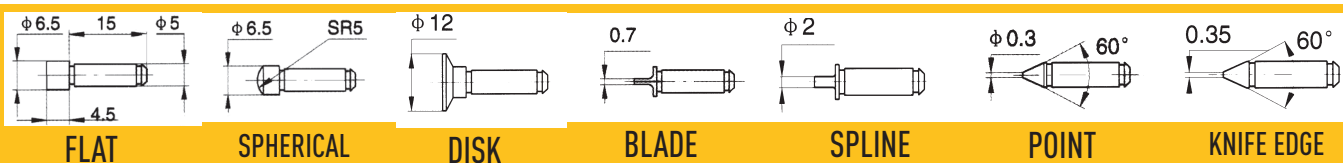
- Patent UA 99688, UA103981, UA126926, UA108044, UA112291, UA116231, WO2016124992 by MICROTECH
- Standard and wide measuring range
- For using in calibration laboratories
- Modification with non-rotating spindle and special jaws
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: 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
- 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)



0.1 μm

Item No	Range	Resolution	Accuracy	Protection class	Functions	Spindle	Anvil type	Data output		Calibration
								USB	Wireless	
110180278	0-25	0,0001	±0,0015	IP-65	Error & Temp comp. Preset. Memory	Rotating	Flat d 6.5mm	+	max 50m	+
110180578	0-50	0,0001	±0,0025	IP-65				+	max 50m	+
110180288	0-25	0,0001	±0,0015	IP-65	Max/Min Limits	Non-rotating	set 7 pairs	+	max 50m	+
110180298	0-25	0,0001	±0,0025	IP-65				+	max 50m	+

## MODIFICATIONS WITH SPECIAL ANVILS



4.0

INDUSTRY 4.0  
READY

0.1 μm

RESOLUTION

IP65

PROTECTION

μm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax<sup>2</sup>+Bx+C  
PRESET

FORMULA MODE

TEMPERATURE  
COMPENSATION

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

ERROR COMPENSATION

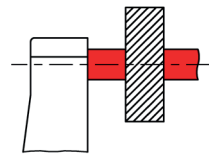
# NON-ROTATING SPINDLE COMPUTERIZED MICROMETER WIRELESS

- Patent UA99688, UA103981, UA126928, UA124020, W02016124992 by MICROTECH
- **Non-rotating spindle**
- Flat anvils (d 6.5 mm)
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance

## NON-ROTATING SPINDLE



- 4.0  
INDUSTRY 4.0  
READY
- 0.1 μm  
RESOLUTION
- IP65  
PROTECTION
- μm  
WIRELESS  
DATA TRANSFER
- Go  
NoGo  
TOLERANCE FUNCTION
- 1000 values  
MEMORY MANAGER
- Ax<sup>2</sup>+Bx+C  
PRESET  
FORMULA MODE
- TEMPERATURE  
COMPENSATION
- ERROR COMPENSATION

Item No	Range	Resolution	Accuracy	Protection class	Spindle	Data output	Data output		Calibration	
							USB	Wireless		
1107600258	0-25	0,0001	±0,003	IP-65	Non-rotating	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+	
1107600508	25-50	0,0001	±0,003	IP-65	+		+	max 50m	+	
1107600758	50-75	0,0001	±0,004	IP-65	+		+	max 50m	+	
1107601008	75-100	0,0001	±0,004	IP-65	+		+	max 50m	+	
1107601258	100-125	0,0001	±0,005	IP-65	+		+	max 50m	+	
1107601508	125-150	0,0001	±0,005	IP-65	+		+	max 50m	+	
1107601758	150-175	0,0001	±0,006	IP-65	+		+	max 50m	+	
1107602008	175-200	0,0001	±0,007	IP-65	+		+	max 50m	+	
1107602258	200-225	0,0001	±0,008	IP-65	+		+	max 50m	+	
1107602508	225-250	0,0001	±0,008	IP-65	+		+	max 50m	+	
1107602758	250-275	0,0001	±0,009	IP-65	+		+	max 50m	+	
1107603008	275-300	0,0001	±0,009	IP-65	+		+	max 50m	+	
WIDE RANGE MICROMETERS										
1107604008	300-400	0,0001	±0,010	IP-65	+		Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
1107605008	400-500	0,0001	±0,010	IP-65	+	+		max 50m	+	
1107606008	500-600	0,0001	±0,012	IP-65	+	+		max 50m	+	
1107607008	600-700	0,0001	±0,014	IP-65	+	+		max 50m	+	
1107608008	700-800	0,0001	±0,014	IP-65	+	+		max 50m	+	
1107609008	800-900	0,0001	±0,015	IP-65	+	+		max 50m	+	
1107610008	900-1000	0,0001	±0,015	IP-65	+	+		max 50m	+	
1107612008	1000-1200	0,0001	±0,020	IP-65	+	+		max 50m	+	
1107614008	1200-1400	0,0001	±0,020	IP-65	+	+		max 50m	+	
1107616008	1400-1600	0,0001	±0,025	IP-65	+	+		max 50m	+	
1107618008	1600-1800	0,0001	±0,030	IP-65	+	+		max 50m	+	
1107620008	1800-2000	0,0001	±0,035	IP-65	+	+		max 50m	+	

# SUB-MICRON UNIVERSAL COMPUTERIZED MICROMETER **WIRELESS**

- Patent UA99688, UA103981, UA126928, UA124020, WO2016124992 by MICROTECH
- **Non-rotating spindle**
- Set with 7 pairs of interchangeable anvils (flat, spherical, spline, disk, blade, point, knife-edge)
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

## NON-ROTATING SPINDLE



0.1µm



Item No	Range	Resolution	Accuracy	Protection class	Anvils in set	Data output	Data output		Calibration
							USB	Wireless	
1107500258	0-25	0,0001	±0,003	IP-65	7 pairs	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
1107500508	25-50	0,0001	±0,003	IP-65	7 pairs		+	max 50m	+
1107500758	50-75	0,0001	±0,004	IP-65	7 pairs		+	max 50m	+
1107501008	75-100	0,0001	±0,004	IP-65	7 pairs		+	max 50m	+
1107501258	100-125	0,0001	±0,005	IP-65	7 pairs		+	max 50m	+
1107501508	125-150	0,0001	±0,005	IP-65	7 pairs		+	max 50m	+
1107501758	150-175	0,0001	±0,006	IP-65	7 pairs		+	max 50m	+
1107502008	175-200	0,0001	±0,007	IP-65	7 pairs		+	max 50m	+

4.0

INDUSTRY 4.0  
READY

0.1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax<sup>2</sup>+Bx+C  
PRESET

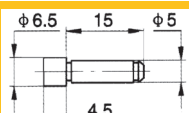
FORMULA MODE

Al  
Cu  
Fe

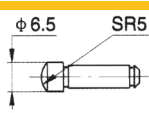
TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

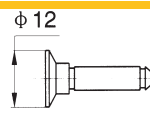
ERROR COMPENSATION



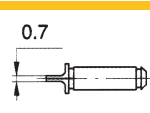
FLAT



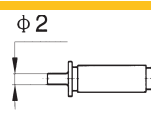
SPHERICAL



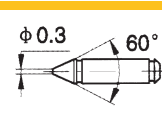
DISK



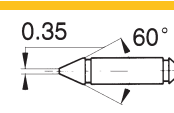
BLADE



SPLINE



POINT



KNIFE EDGE



# SUB-MICRON BLADE COMPUTERIZED MICROMETER WIRELESS

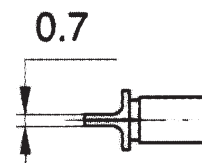
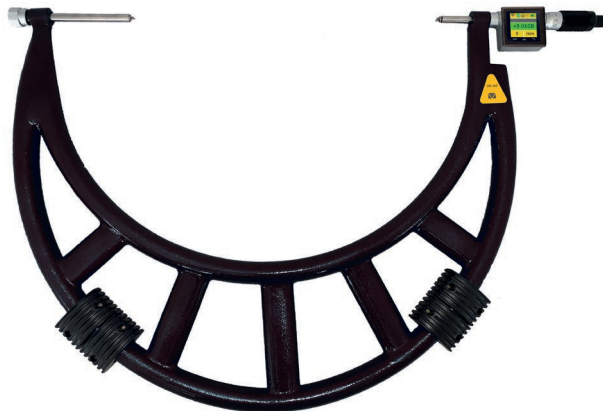
- Patent UA99688, UA103981, UA126928, UA124020, WO2016124992 by MICROTECH
- **Non-rotating spindle**
- Blade anvils
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

**NON-ROTATING SPINDLE**



Item No	Range	Resolution	Accuracy	Protection class	Spindle	Data output	Data output		Calibration
							USB	Wireless	
	mm	mm	mm		Non-rotating		USB	Wireless	ISO 17025
1107700258	0-25	0,0001	±0,003	IP-65	+	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
1107700508	25-50	0,0001	±0,003	IP-65	+		+	max 50m	+
1107700758	50-75	0,0001	±0,004	IP-65	+		+	max 50m	+
1107701008	75-100	0,0001	±0,004	IP-65	+		+	max 50m	+
1107701258	100-125	0,0001	±0,005	IP-65	+		+	max 50m	+
1107701508	125-150	0,0001	±0,005	IP-65	+		+	max 50m	+
1107701758	150-175	0,0001	±0,006	IP-65	+		+	max 50m	+
1107702008	175-200	0,0001	±0,007	IP-65	+		+	max 50m	+
1107702258	200-225	0,0001	±0,008	IP-65	+		+	max 50m	+
1107702508	225-250	0,0001	±0,008	IP-65	+		+	max 50m	+
1107702758	250-275	0,0001	±0,009	IP-65	+		+	max 50m	+
1107703008	275-300	0,0001	±0,009	IP-65	+		+	max 50m	+
WIDE RANGE MICROMETERS									
1107704008	300-400	0,0001	±0,012	IP-65	+	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
1107705008	400-500	0,0001	±0,012	IP-65	+		+	max 50m	+
1107706008	500-600	0,0001	±0,012	IP-65	+		+	max 50m	+
1107707008	600-700	0,0001	±0,014	IP-65	+		+	max 50m	+
1107708008	700-800	0,0001	±0,014	IP-65	+		+	max 50m	+
1107709008	800-900	0,0001	±0,015	IP-65	+		+	max 50m	+
1107710008	900-1000	0,0001	±0,015	IP-65	+		+	max 50m	+
1107712008	1000-1200	0,0001	±0,020	IP-65	+		+	max 50m	+
1107714008	1200-1400	0,0001	±0,020	IP-65	+		+	max 50m	+
1107716008	1400-1600	0,0001	±0,025	IP-65	+		+	max 50m	+
1107718008	1600-1800	0,0001	±0,030	IP-65	+		+	max 50m	+
1107720008	1800-2000	0,0001	±0,035	IP-65	+		+	max 50m	+

- 4.0**  
INDUSTRY 4.0  
READY
- 0.1 μm**  
RESOLUTION
- IP65**  
PROTECTION
- μm**  
WIRELESS  
DATA TRANSFER
- Go  
NoGo**  
TOLERANCE FUNCTION
- 1000 values**  
MEMORY MANAGER
- Ax<sup>2</sup>+Bx+C  
PRESET**  
FORMULA MODE
- TEMPERATURE  
COMPENSATION**
- ERROR COMPENSATION**

# SUB-MICRON DISK COMPUTERIZED MICROMETER WIRELESS

- Patent UA99688, UA103981, UA126928, UA124020, WO2016124992 by MICROTECH
- **Non-rotating spindle**
- Disk D12mm anvil. (special disk diameter 20, 30mm for customers request)
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance

## NON-ROTATING SPINDLE



Item No	Range	Resolution	Accuracy	Protection class	Spindle	Data output	Data output		Calibration	
							USB	Wireless		
	mm	mm	mm		Non-rotating		USB	Wireless	ISO 17025	
1107800258	0-25	0,0001	±0,003	IP-65	+	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+	
1107800508	25-50	0,0001	±0,003	IP-65	+		+	max 50m	+	
1107800758	50-75	0,0001	±0,004	IP-65	+		+	max 50m	+	
1107801008	75-100	0,0001	±0,004	IP-65	+		+	max 50m	+	
1107801258	100-125	0,0001	±0,005	IP-65	+		+	max 50m	+	
1107801508	125-150	0,0001	±0,005	IP-65	+		+	max 50m	+	
1107801758	150-175	0,0001	±0,006	IP-65	+		+	max 50m	+	
1107802008	175-200	0,0001	±0,007	IP-65	+		+	max 50m	+	
1107802258	200-225	0,0001	±0,008	IP-65	+		+	max 50m	+	
1107802508	225-250	0,0001	±0,008	IP-65	+		+	max 50m	+	
1107802758	250-275	0,0001	±0,009	IP-65	+		+	max 50m	+	
1107803008	275-300	0,0001	±0,009	IP-65	+		+	max 50m	+	
WIDE RANGE MICROMETERS										
1107804008	300-400	0,0001	±0,012	IP-65	+		Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
1107805008	400-500	0,0001	±0,012	IP-65	+	+		max 50m	+	
1107806008	500-600	0,0001	±0,012	IP-65	+	+		max 50m	+	
1107807008	600-700	0,0001	±0,014	IP-65	+	+		max 50m	+	
1107808008	700-800	0,0001	±0,014	IP-65	+	+		max 50m	+	
1107809008	800-900	0,0001	±0,015	IP-65	+	+		max 50m	+	
1107810008	900-1000	0,0001	±0,015	IP-65	+	+		max 50m	+	
1107812008	1000-1200	0,0001	±0,020	IP-65	+	+		max 50m	+	
1107814008	1200-1400	0,0001	±0,020	IP-65	+	+		max 50m	+	
1107816008	1400-1600	0,0001	±0,025	IP-65	+	+		max 50m	+	
1107818008	1600-1800	0,0001	±0,030	IP-65	+	+		max 50m	+	
1107820008	1800-2000	0,0001	±0,035	IP-65	+	+		max 50m	+	

4.0

INDUSTRY 4.0  
READY

0.1 μm

RESOLUTION

IP65

PROTECTION

μm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax<sup>2</sup>+Bx+C  
PRESET

FORMULA MODE

AI  
Fe

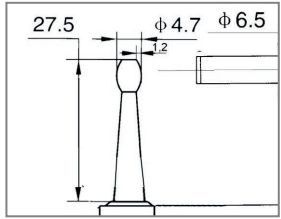
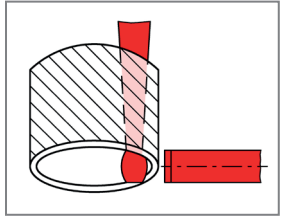
TEMPERATURE  
COMPENSATION

ERROR COMPENSATION





# TUBE MICROMETER



- Patent UA99688, UA10398, UA126928, UA124020, WO2016124992 by MICROTECH
- Thickness tube walls 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)

# TUBE DIGITAL MICROMETER IP54



Item No	Range	Resolution	Accuracy	Proof	Data output	Calibration
	mm	mm	mm			ISO 17025
1103500251	0-25	0,001	±0,003	IP-54	RS-232	+
1103500501	25-50	0,001	±0,003	IP-54	RS-232	+
1103500751	50-75	0,001	±0,003	IP-54	RS-232	+
1103501001	75-100	0,001	±0,003	IP-54	RS-232	+

# SUB-MICRON TUBE COMPUTERIZED MICROMETER WIRELESS



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output		Calibration
						USB	Wireless	
	mm	mm	mm					ISO 17025
1103500258	0-25	0,0001	±0,002	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+
1103500508	25-50	0,0001	±0,002	IP-65		+	max 50m	+
1103500758	50-75	0,0001	±0,003	IP-65		+	max 50m	+
1103500108	75-100	0,0001	±0,003	IP-65		+	max 50m	+

- 0.1µm**  
RESOLUTION
- IP65**  
PROTECTION
- µm**  
WIRELESS DATA TRANSFER
- Go NoGo**  
TOLERANCE FUNCTION
- 1000 values**  
MEMORY MANAGER
- Ax<sup>2</sup>+Bx+C PRESET**  
FORMULA MODE
- ERROR COMPENSATION**



**MICROTECH**

since 1995



www.microtech.ua



ISO 17025

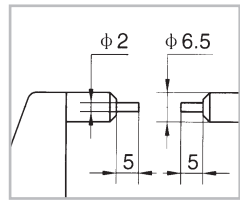
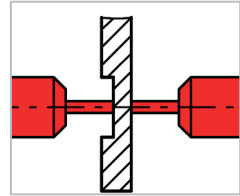


ISO 9001:2015

ISO 9001:2015

# SMALL TIP (SPLINE) DIGITAL MICROMETER

- Patent Ua99688, UA103981, UA126928, UA124020, WO2016124992 by MICROTECH
- 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	Protection class	Data output
	mm	mm	mm		
1106500251	0-25	0,001	±0,004	IP-54	RS-232
1106500501	25-50	0,001	±0,004	IP-54	RS-232
1106500751	50-75	0,001	±0,005	IP-54	RS-232
1106501001	75-100	0,001	±0,005	IP-54	RS-232

# SUB-MICRON SMALL TIP COMPUTERIZED MICROMETER WIRELESS



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output	
						USB	Wireless
1106500258	0-25	0,0001	±0,003	IP-65	Error & Temp comp.	+	max 50m
1106500508	25-50	0,0001	±0,003	IP-65	Preset. Memory	+	max 50m
1106500758	50-75	0,0001	±0,004	IP-65	Max/Min Limits	+	max 50m
1106500108	75-100	0,0001	±0,004	IP-65		+	max 50m

**0.1 μm**

RESOLUTION

**IP65**

PROTECTION

**μm**

WIRELESS  
DATA TRANSFER

**Go  
NoGo**

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

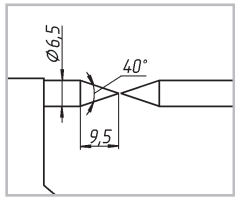
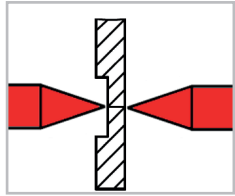
**Ax<sup>2</sup>+Bx+C**  
PRESET

FORMULA MODE

ERROR COMPENSATION



# POINT DIGITAL MICROMETER



- Patent Ua99688, UA103981, UA126928, UA124020, WO2016124992 by MICROTECH
- 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	Protection class	Data output
	mm	mm	mm		
1104500251	0-25	0,001	±0,004	IP-54	RS-232
1104500501	25-50	0,001	±0,004	IP-54	RS-232
1104500751	50-75	0,001	±0,005	IP-54	RS-232
1104501001	75-100	0,001	±0,005	IP-54	RS-232

# SUB-MICRON POINT COMPUTERIZED MICROMETER WIRELESS



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output	
						USB	Wireless
1104500258	0-25	0,0001	±0,003	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
1104500508	25-50	0,0001	±0,003	IP-65		+	max 50m
1104500758	50-75	0,0001	±0,004	IP-65		+	max 50m
1104500108	75-100	0,0001	±0,004	IP-65		+	max 50m

- 0.1 μm**  
RESOLUTION
- IP65**  
PROTECTION
- μm**  
WIRELESS DATA TRANSFER
- Go NoGo**  
TOLERANCE FUNCTION
- 1000 values**  
MEMORY MANAGER
- Ax<sup>2</sup>+Bx+C PRESET**  
FORMULA MODE
- ERROR COMPENSATION**



**MICROTECH**

since 1995



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ISO 17025



ISO 9001:2015

# SUB-MICRON COMPUTERIZED SNAP GAUGE WIRELESS

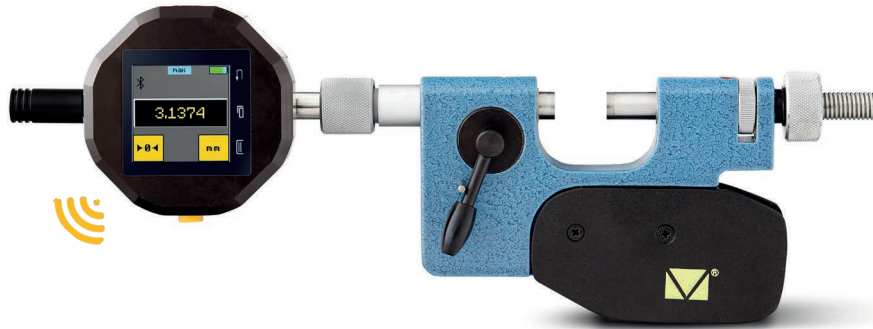
- Patent UA99686, UA103982, UA126928, UA112291, UA116231, UA124020, WO2016124992 by MICROTECH
- Quick Go/NoGo control (colour indication)
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

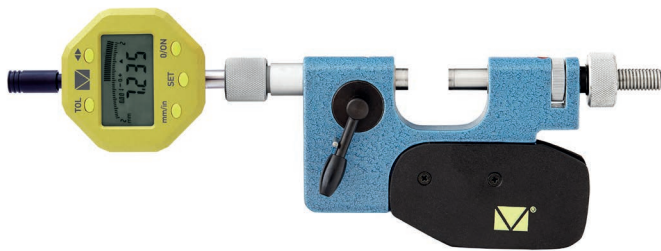
**max 50 m**

data transfer distance



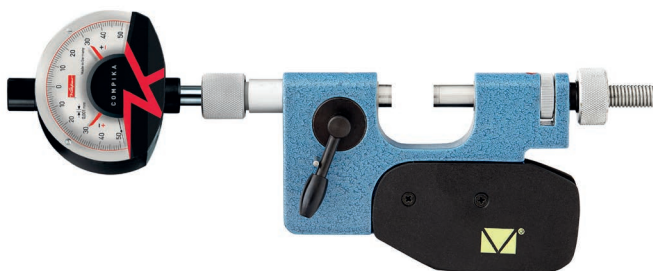
Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output	
						USB	Wireless
	mm	mm	mm				
1150500507	0-50	0,0001	±0,003	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
1150501007	50-100	0,0001	±0,004	IP-65		+	max 50m
1150501507	100-150	0,0001	±0,004	IP-65		+	max 50m
1150502007	150-200	0,0001	±0,004	IP-65		+	max 50m
1150502507	200-250	0,0001	±0,006	IP-65		+	max 50m
1150503007	250-300	0,0001	±0,007	IP-65		+	max 50m
1150503507	300-350	0,0001	±0,008	IP-65		+	max 50m
1150504007	350-400	0,0001	±0,009	IP-65		+	max 50m
1150504507	400-450	0,0001	±0,010	IP-65		+	max 50m
1150505007	450-500	0,0001	±0,010	IP-65		+	max 50m

## MICRON DIGITAL SNAP GAUGE



Item No	Range	Resolution	Accuracy	Functions
	mm	mm	mm	
1150500505	0-50	0,001	±0,004	Preset. Max/Min Limits
1150501005	50-100	0,001	±0,005	
1150501505	100-150	0,001	±0,006	
1150502005	150-200	0,001	±0,006	
1150502505	200-250	0,001	±0,008	
1150503005	250-300	0,001	±0,009	
1150503505	300-350	0,001	±0,010	
1150504005	350-400	0,001	±0,011	
1150504505	400-450	0,001	±0,013	
1150505005	450-500	0,001	±0,013	

## DIAL SNAP GAUGE



Item No	Range	Resolution	Accuracy	Indicator range,mm
	mm	mm	mm	
1150500503	0-50	0,002	±0,004	±0,100
1150501003	50-100	0,002	±0,004	
1150501503	100-150	0,002	±0,006	
1150502003	150-200	0,002	±0,006	
1150502503	200-250	0,002	±0,008	
1150503003	250-300	0,002	±0,008	
1150503503	300-350	0,002	±0,010	
1150504003	350-400	0,002	±0,010	
1150504503	400-450	0,002	±0,012	
1150505003	450-500	0,002	±0,012	

4.0

INDUSTRY 4.0  
READY

0.1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Cu  
Fe  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION



# INDICATING SNAP GAUGE

- Quick control diameters, length and thickness
- Go/NoGo control
- 8mm carbide measuring surfaces
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range		Resolution	Indicator Accuracy	Calibration
	mm	mm			
1150210251	0-25	±0,070	0,001	±0,0014	+
1150210501	25-50	±0,070	0,001	±0,0014	+
1150210751	50-75	±0,070	0,001	±0,0014	+
1150211001	75-100	±0,070	0,001	±0,0014	+

# INDICATING MICROMETER

- Quick control diameters, length and thickness
- Go/NoGo control
- 8mm carbide measuring surfaces
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range		Resolution		Accuracy		Calibration
	micrometer	indicator	micrometer	indicator	micrometer	indicator	
1140100251	mm	mm	mm	mm	mm	mm	ISO 17025
1140100251	0-25	±0,070	0,01	0,001	±0,003	±0,0015	+
1140100501	25-50	±0,070	0,01	0,001	±0,003	±0,0020	+
1140100751	50-75	±0,070	0,01	0,001	±0,004	±0,0025	+
1140101001	75-100	±0,070	0,01	0,001	±0,004	±0,0030	+



# SUB-MICRON COMPUTERIZED DEPTH MICROMETER WIRELESS

- Patent UA99688, UA126928, UA103981, UA124020, WO2016124992 by MICROTECH
- Quick Go/NoGo control (colour indication)
- 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



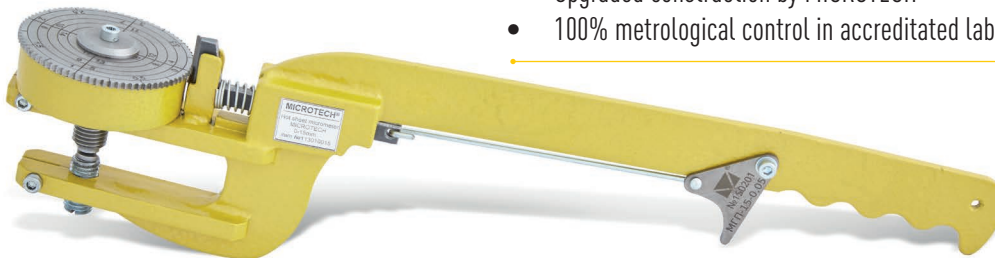
Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Base	Protection class	Functions	Data output		Calibration
							USB	Wireless	
1109000258	0-150	0,0001	±0,004	100	IP-65	Error & Temp comp. Preset.	+	max 50m	+
1109000508	0-300	0,0001	±0,006	100	IP-65	Memory Max/Min Limits	+	max 50m	+

## HOT SHEET METAL MICROMETER

- Max temperature of sheet metal up to 800°C
- Upgraded construction by MICROTECH
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Max temperature	Calibration	Item No	Range	Resolution	Accuracy	Max temperature	Calibration
	mm	mm	mm	°C	ISO 17025		mm	mm	mm	°C	ISO 17025
113010015	0-15	0,05	±0,15	800°	+	113010225	210-225	0,05	±0,35	800°	+
113010030	15-30	0,05	±0,20	800°	+	113010240	225-240	0,05	±0,35	800°	+
113010045	30-45	0,05	±0,20	800°	+	113010255	240-255	0,05	±0,35	800°	+
113010060	45-60	0,05	±0,20	800°	+	113010270	255-270	0,05	±0,40	800°	+
113010075	60-75	0,05	±0,20	800°	+	113010285	270-285	0,05	±0,40	800°	+
113010090	75-90	0,05	±0,20	800°	+	113010300	285-300	0,05	±0,40	800°	+
113010105	90-105	0,05	±0,20	800°	+	113010315	300-315	0,05	±0,45	800°	+
113010120	105-120	0,05	±0,25	800°	+	113010330	315-330	0,05	±0,45	800°	+
113010135	120-135	0,05	±0,25	800°	+	113010345	330-345	0,05	±0,45	800°	+
113010150	135-150	0,05	±0,25	800°	+	113010360	345-360	0,05	±0,50	800°	+
113010165	150-165	0,05	±0,25	800°	+	113010375	360-375	0,05	±0,50	800°	+
113010180	165-180	0,05	±0,30	800°	+	113010390	375-390	0,05	±0,50	800°	+
113010195	180-195	0,05	±0,30	800°	+	113010405	390-405	0,05	±0,50	800°	+
113010210	195-210	0,05	±0,30	800°	+						



# DIGITAL MICROMETER HEAD



Item No	Range	Resolution	Accuracy	Protection class	Calibration
	mm	mm	mm		ISO 17025
110180021	0-25	0,001	$\pm 0,002$	IP-54	+
110180020	0-25	0,001	$\pm 0,002$	IP-65	+
110181050	0-50	0,001	$\pm 0,004$	IP-65	+

# SUB-MICRON COMPUTERIZED MICROMETER HEAD WIRELESS



0.1µm



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output		Calibration
						USB	Wireless	
110180027	0-25	0,0001	$\pm 0,002$	IP-65	Error & Temp comp. Preset.	+	max 50m	+
110181057	0-50	0,0001	$\pm 0,003$	IP-65	Memory Max/Min Limits	+	max 50m	+

# SUB-MICRON COMPUTERIZED MICROMETER HEAD (NON ROTATING)



0.1µm



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

# NON-ROTATING SPINDLE

Item No	Range	Resolution	Accuracy	Protection class	Data output	Data output		Calibration
						USB	Wireless	
110181027	0-25	0,0001	$\pm 0,002$	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m	+

4.0

INDUSTRY 4.0  
READY

0.1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax<sup>2</sup>+Bx+C  
PRESET

FORMULA MODE

AI  
Co  
Fe  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION



MICROTECH

since 1995



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ISO 17025



ISO 9001:2015

## INSIDE MICROMETER

- For inside diameter measuring
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Calibration
	mm	mm	mm	ISO 17025
132005030	50-300	0,01	±0,008	+
132005060	50-600	0,01	±0,015	+
132005100	50-1000	0,01	±0,020	+
132005150	50-1500	0,01	±0,025	+
132005200	50-2000	0,01	±0,030	+
132005300	50-3000	0,01	±0,050	+
132005400	50-4000	0,01	±0,060	+
132005500	50-5000	0,01	±0,080	+

## SUB-MICRON COMPUTERIZED INSIDE MICROMETER WIRELESS

- Patent UA99688, UA103981, UA126928, UA131637, WO2016124990 by MICROTECH
- For inside diameter measuring
- 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	Extension rods	Protection class	Functions	Data output		Calibration
							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	+

- 

**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
- 

**TEMPERATURE  
COMPENSATION**
- 

**ERROR COMPENSATION**



# SUB-MICRON PISTOL GRIP COMPUTERIZED BORE GAUGE **WIRELESS**

- High accuracy up to  $\pm 3\mu\text{m}$
- 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

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Setting rings	Max depth	Functions	Data output		Calibration
							USB	Wireless	ISO 17025
	mm	mm	mm		mm				
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		Calibration
								USB	Wireless	ISO 17025
	mm	mm	mm			mm				
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	+

**4.0**

**INDUSTRY 4.0**  
READY

---

**0.1  $\mu\text{m}$**

**RESOLUTION**

---

**$\mu\text{m}$**

**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

- Patent UA99686, UA103981, UA126928, UA131637, WO2016124990 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)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Accuracy	Max depth	Functions	Data output		Calibration
						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		Calibration
								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	+



INDUSTRY 4.0  
READY



RESOLUTION



WIRELESS  
DATA TRANSFER



TOLERANCE FUNCTION



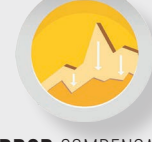
MEMORY MANAGER



FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



# BIG DEPTH COMPUTERIZED THREE POINT INTERNAL MICROMETER WIRELESS

4.0

INDUSTRY 4.0  
READY

0.1µm

RESOLUTION

µm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Cu  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

- Patent UA99686, UA103981, UA126928, UA131637, WO2016124990 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



Free Software for Windows, Android, iOS

max 50 m

data transfer distance

Item No	Range	Resolution	Accuracy	Max depth	Functions	Data output		Calibration
						USB	Wireless	ISO 17025
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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ISO 17025



ISO 9001:2015

# SUB-MICRON COMPUTERIZED INDICATOR WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 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** (with 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

**max 50 m**  
data transfer distance



Item No	Range	Resolution	Accuracy	Functions	Data output		Calibration
					USB	Wireless	
	mm	mm	mm		USB	Wireless	ISO 17025
120129132	0-12,5	0,0001	±0,008	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50m	+
120129133		0,0001	±0,005		+	max 50m	+
120129135		0,0001	±0,003		+	max 50m	+
120129137		0,0001	±0,002		+	max 50m	+
120129138		0,0001	±0,0017		+	max 50m	+
120129252	0-25,4	0,0001	±0,010		+	max 50m	+
120129253		0,0001	±0,007		+	max 50m	+
120129257		0,0001	±0,003		+	max 50m	+
120129258		0,0001	±0,002		+	max 50m	+
120129503	0-50,8	0,0001	±0,010		+	max 50m	+
120129507		0,0001	±0,004	+	max 50m	+	
120129508		0,0001	±0,003	+	max 50m	+	
120129903	0-100	0,0001	±0,015	+	max 50m	+	
120129907		0,0001	±0,005	+	max 50m	+	

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

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

ERROR COMPENSATION



# SUB-MICRON COMPUTERIZED INDICATOR (EXTERNAL PROBE) WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 by MICROTECH
- External measuring probe with cable length up to 10m (for customers request)
- 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 (with 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)

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

Al  
Cu  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION



Free Software for Windows, Android, iOS

max 50 m  
data transfer distance

Item No	Range	Resolution	Accuracy	Cable length	Functions	Data output		Calibration
						USB	Wireless	
120129133L	0-12,5	0,0001	±0,005	2	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50m	+
120129133U		0,0001	±0,005	10		+	max 50m	+
120129135L		0,0001	±0,003	2		+	max 50m	+
120129135U		0,0001	±0,003	10		+	max 50m	+
120129137L		0,0001	±0,002	2		+	max 50m	+
120129137U		0,0001	±0,002	10		+	max 50m	+
120129253L	0-25,4	0,0001	±0,007	2		+	max 50m	+
120129253U		0,0001	±0,007	10		+	max 50m	+
120129257L		0,0001	±0,003	2		+	max 50m	+
120129257U		0,0001	±0,003	10		+	max 50m	+
120129258L		0,0001	±0,002	2		+	max 50m	+
120129258U		0,0001	±0,002	10		+	max 50m	+
120129503L	0-50,8	0,0001	±0,010	2		+	max 50m	+
120129503U		0,0001	±0,010	10		+	max 50m	+
120129507L		0,0001	±0,004	2		+	max 50m	+
120129507U		0,0001	±0,004	10		+	max 50m	+
120129508L		0,0001	±0,004	2		+	max 50m	+
120129508U		0,0001	±0,004	10		+	max 50m	+
120129907L	0-100	0,0001	±0,005	2	+	max 50m	+	
120129907U		0,0001	±0,005	10	+	max 50m	+	



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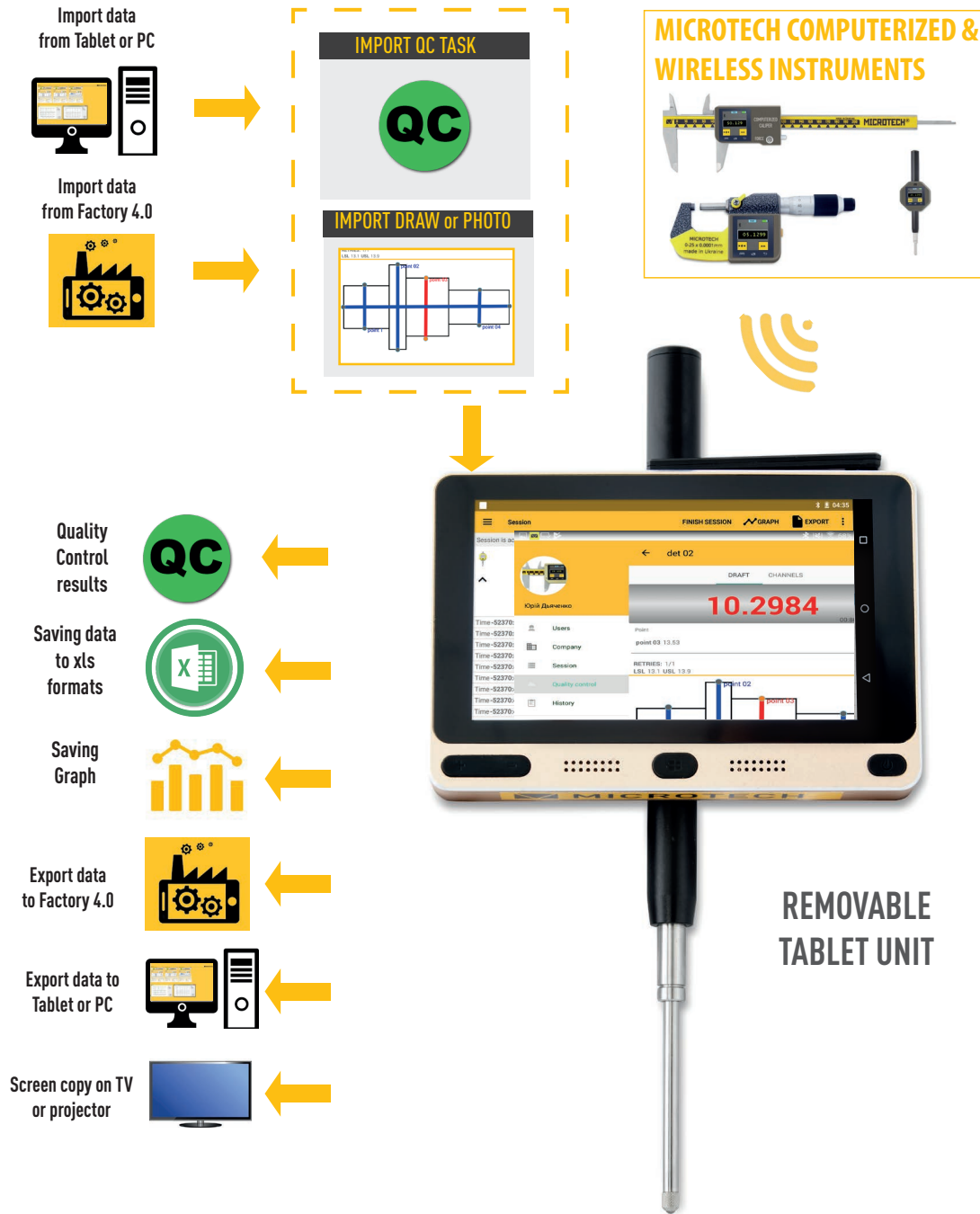
ISO 17025



ISO 9001:2015

# SUB-MICRON TABLET 4.0 COMPUTERIZED INDICATOR

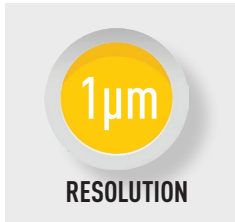
- Patent UA99686, UA126928, UA103982, UA131637, WO2016124990 by MICROTECH
- Extra-High accuracy up to  $\pm 1.5\mu\text{m}$
- Built in computer with touch screen
- Quality Control system with possibility import/export tasks, setails draws & photos
- Save measurement results in \*.xls or QC files **NEW**
- Voice mode, Graphical mode, Go/ NoGo function (limits) with colour indication
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



- 4.0** INDUSTRY 4.0 READY
- 0.1  $\mu\text{m}$**  RESOLUTION
- $\mu\text{m}$**  WIRELESS DATA TRANSFER
- 8N** FORCE CONTROL
- Go NoGo** TOLERANCE FUNCTION
- 1000 values** MEMORY MANAGER
- $Ax^2+Bx+C$  PRESET** FORMULA MODE
- TEMPERATURE COMPENSATION**
- ERROR COMPENSATION**

Item No	Range	Resolution	Accuracy	Indication	Quality control module	Graph mode	Export	Calibration
	mm	mm	mm					ISO17025
120124132	0-12,5	0,0001	$\pm 0,0015$	6' Touchscreen	+	+	*.xls, *.csv, graph info	+
120124132	0-12,5	0,0001	$\pm 0,0020$		+	+		+
120124252	0-25	0,0001	$\pm 0,0020$		+	+		+
120124502	0-50	0,0001	$\pm 0,0030$		+	+		+
120124902	0-100	0,0001	$\pm 0,0040$		+	+		+

# PRECISION DIGITAL INDICATOR



- Large display with Digital or Digital-Analog scale
- Advanced functions (TOL, MAX/MIN, RANGE, DATA, ZERO, etc.)
- SPC software for Windows PC or Android devices for **FREE**
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Measuring force	Scale	Calibration
	mm	mm	mm	N		ISO 17025
120126131	0-13	0,01	±0,010	1,3-2,0	Digital	+
120128131	0-13	0,001	±0,005	1,3-2,0	Digital	+
120128132	0-13	0,001	±0,003	1,3-2,0	Digital	+
120127132	0-13	0,001	±0,003	1,3-2,0	Digital+Analog	+
120127133	0-13	0,001	±0,002	1,3-2,0	Digital+Analog	+
120126251	0-25,4	0,01	±0,010	1,3-2,0	Digital	+
120128251	0-25,4	0,001	±0,005	1,3-2,0	Digital	+
120127252	0-25,4	0,001	±0,003	1,3-2,0	Digital+Analog	+
120127502	0-50,8	0,001	±0,005	1,3-2,0	Digital+Analog	+

# INTELLIGENT COMPUTERIZED DISPLAY FOR INDUCTIVE PROBES

- For using with inductive probes (Pretec, TESA, Sylvac) 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** (with 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

**max 50 m**  
data transfer distance

Item No	Probes*	Probes inputs	Resolution	Internal temperature probe	Functions	Data output
			mm			<b>USB</b> <b>Wireless</b>
120001007	inductive	1	<b>0,0001</b>	+	Error comp.Temp.comp Preset.	+ max 50 m
120002007	inductive	2	<b>0,0001</b>	+	Memory Max/Min Limits	+ max 50 m



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ISO 17025



ISO 9001:2015

# MEASURING STANDS WITH MAGNETIC BASE

- Height of stand up to 1500mm
- Magnetic Force up to 520kg
- Heavy construction
- Customized modifications for requirement



Item No	Magnetic force	Base	Main stem	Assistant stem
	kgf	mm	mm	mm
161108000	80	50x60x55	225x16	190x12
161113410	130	50x120x55	400x25	250x18
161113610			630x32	500x25
161126210			800x51	600x32
161126310	260	200x120x70	1000x51	600x32
161152410	520	250x250x80	1250x76	800x51
161152510			1500x76	800x51



# DIGITAL DEPTH GAUGE

- For depth measuring with Digital or Computerized indicator head
- 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 (with 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

**max 50 m**  
data transfer distance

Item No	Common range	Indicator range	Base	Resolution	Accuracy	Functions	Data output		Calibration
							USB	Wireless	
128000230	0-30	0-13	100	0,001	±0,007	Preset	-	-	+
128000290	0-90	0-13	100	0,001	±0,010		-	-	+
128000730	0-30	0-12.5	100	0,0001	±0,006	Error comp.	+	max 50m	+
128000790	0-90	0-12.5	100	0,0001	±0,009	Temp.comp Preset. Memory Max/Min Limits	+	max 50m	+

# BIG BASE DEPTH GAUGE



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



Item No	Indicator range	Base	Resolution	Accuracy	Functions	Data output		Calibration
						USB	Wireless	
128001205	0-13	500	0,001		Preset	-	-	+
128001210	0-13	1000	0,001			-	-	+
128001215	0-13	1500	0,001			-	-	+
128001705	0-12.5	500	0,0001		Error comp.	+	max 50m	+
128001710	0-12.5	1000	0,0001		Temp.comp	+	max 50m	+
128001715	0-12.5	1500	0,0001		Preset. Memory Max/Min Limits	+	max 50m	+

4.0

INDUSTRY 4.0  
READY

0.1µm

RESOLUTION

µm

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Co  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION



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ISO 17025



ISO 9001:2015

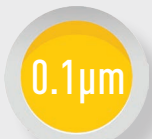
# COMPUTERIZED CO-AXIAL CENTERING INDICATOR WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 by MICROTECH
- For precise centering bore and shafts
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



**RESOLUTION**



**WIRELESS**  
DATA TRANSFER



**TOLERANCE FUNCTION**



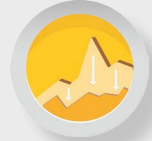
**MEMORY MANAGER**



**FORMULA MODE**



**TEMPERATURE**  
COMPENSATION



**ERROR COMPENSATION**



**RECHARGEABLE**  
BATTERY

Item No	Measuring range	Resolution	Accuracy	Complectation	Functions	Data output		Calibration
						USB	Wireless	
127050407	0-3,6	0,0001	±0,010	center point feeler-1pcs streight feeler -3pcs curved feeler -3pcs	Error comp.. Memory Max/Min Limits	+	max 50 m	ISO17025 +



# COMPUTERIZED CRANSHAFT TESTER **WIRELESS**

- Patent UA99686, UA103982, UA126928, UA131637, W02016124990 by MICROTECH
- For measuring cranshaft deflection with collecting data on internal memory, PC or Tablet
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

-   
**0.1µm**
- RESOLUTION**
-   
**µm**
- WIRELESS**  
DATA TRANSFER
-   
**Go**  
**NoGo**
- TOLERANCE** FUNCTION
-   
1000 values
- MEMORY** MANAGER
-   
 $Ax^2+Bx+C$   
PRESET
- FORMULA** MODE
-   
Al  
Cu  
Fe  
Fe
- TEMPERATURE**  
COMPENSATION
-   
Graph showing error compensation
- ERROR** COMPENSATION
-   
Battery icon
- RECHARGEABLE**  
BATTERY



Item No	Application area	Measuring range	Resolution	Accuracy	Functions	Data output		Calibration
						USB	Wireless	
126050007	100-500	0-10	0,0001	±0,020	Error comp.Temp.comp	+	max 50 m	+
126050008	100-500	0-10	0,0001	±0,020	Preset. Memory Max/Min Limits	+	max 50 m	+



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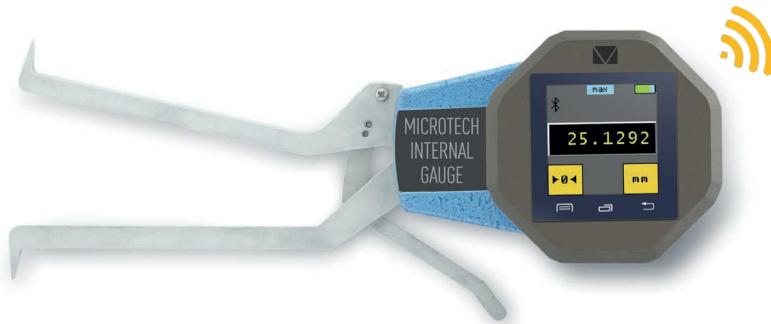
ISO 17025



ISO 9001:2015

# COMPUTERIZED GAUGE FOR INTERNAL MEASURING WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 by MICROTECH
- 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 (with 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)



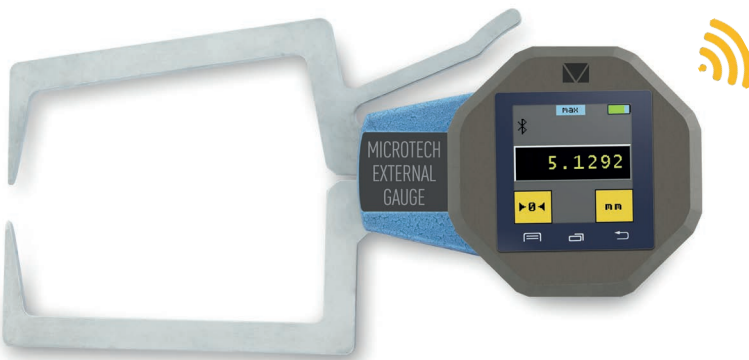
Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



Item No	Range	Resolution	Accuracy	Functions	Data output		Calibration
					USB	Wireless	
	mm	mm	mm				ISO 17025
134102505	5-25	0,001	±0,020	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m	+
134103005	10-30	0,001	±0,020		+	max 50 m	+
134104005	20-40	0,001	±0,020		+	max 50 m	+
134105005	30-50	0,001	±0,020		+	max 50 m	+
134106005	40-60	0,001	±0,020		+	max 50 m	+

# COMPUTERIZED GAUGE FOR EXTERNAL MEASURING WIRELESS

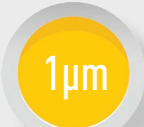


Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



Item No	Range	Resolution	Accuracy	Functions	Data output		Calibration
					USB	Wireless	
	mm	mm	mm				ISO 17025
134202005	0-20	0,001	±0,020	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m	+
134203005	10-30	0,001	±0,020		+	max 50 m	+
134204005	20-40	0,001	±0,020		+	max 50 m	+
134205005	30-50	0,001	±0,020		+	max 50 m	+
134206005	40-60	0,001	±0,020		+	max 50 m	+



RESOLUTION



WIRELESS DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



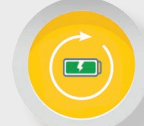
FORMULA MODE



TEMPERATURE COMPENSATION



ERROR COMPENSATION



RECHARGEABLE BATTERY

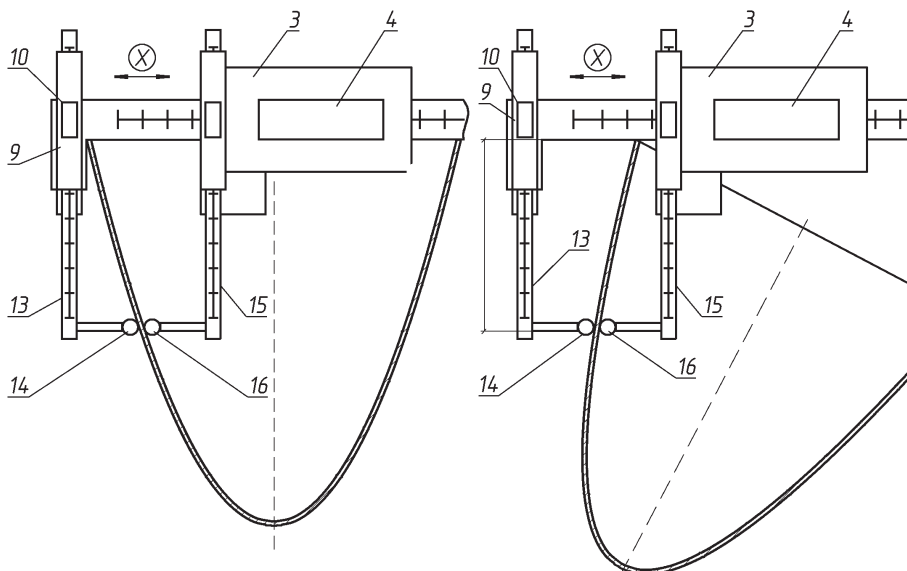


## 2D THICKNESS GAUGE

- For deep and complex shapes measuring
- Control Z (jaws depth) and X (depth and range) axes
- Digital or computerized indication module
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

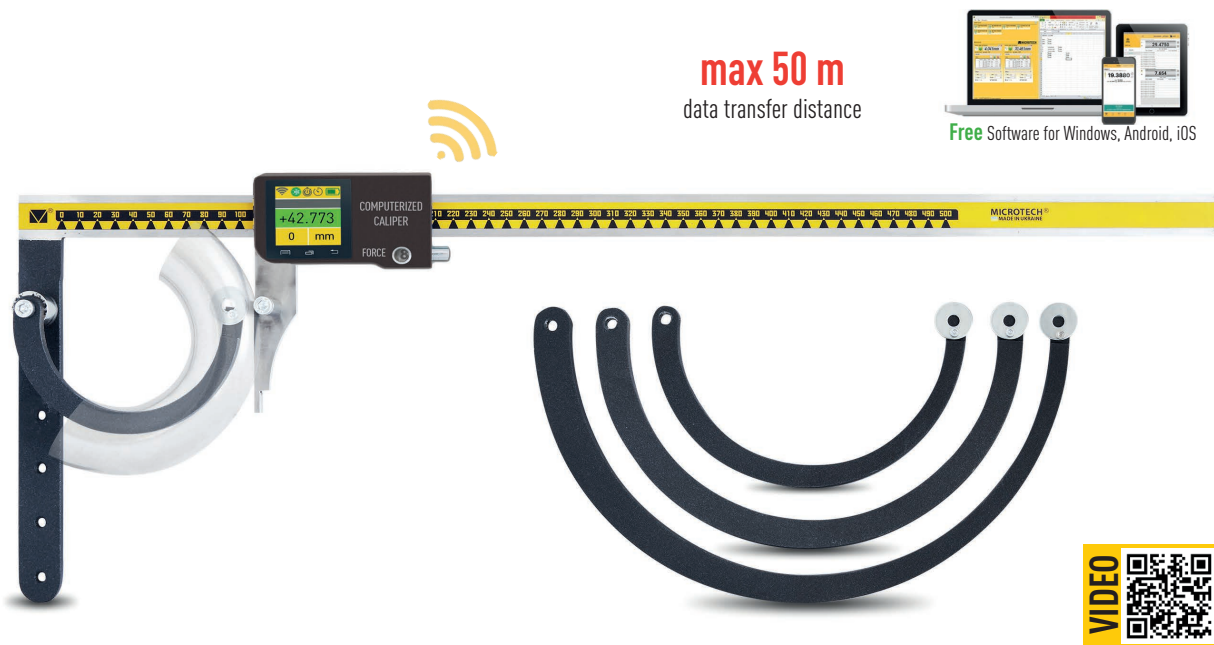


Item No	Range		Resolution		Accuracy		Indication		Data output		Calibration
	Z	X	Z	X	Z	X	Z	X	USB	Wireless	
	mm		mm						USB	Wireless	ISO 17025
149020151	0-150	0-150	0,01	0,01	±0,030	±0,030			-	-	+
149020301	0-150	0-300	0,01	0,01	±0,030	±0,030	Digital	Digital	-	-	+
149020501	0-150	0-500	0,01	0,01	±0,030	±0,050			-	-	+
149020153	0-150	0-150	0,01	0,01	±0,030	±0,020			+	max 50 m	+
149020303	0-150	0-300	0,01	0,01	±0,030	±0,020	Digital	Computerized 1.5'	+	max 50 m	+
149020503	0-150	0-500	0,01	0,01	±0,030	±0,040			+	max 50 m	+
149020157	0-150	0-150	0,01	0,001	±0,020	±0,015			+	max 50 m	+
149020307	0-150	0-300	0,01	0,001	±0,020	±0,015	Computerized 1.5'	Computerized 1.5'	+	max 50 m	+
149020507	0-150	0-500	0,01	0,001	±0,020	±0,020			+	max 50 m	+



# CURVED GAUGE SET FOR TUBE WALLS MEASURING

- Patent UA202002129 by MICROTECH
- For measuring tube walls in curved tubes
- 4 Interchangeable curved jaws for radii 50-150mm
- Digital or computerized indication module
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



RESOLUTION



WIRELESS DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE COMPENSATION



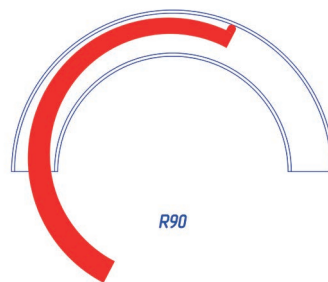
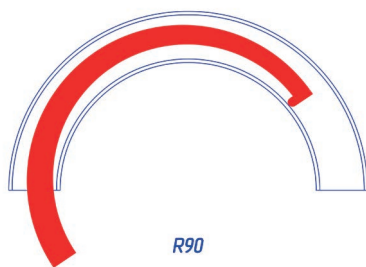
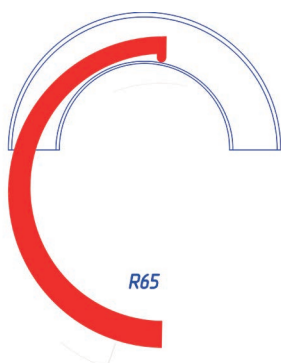
ERROR COMPENSATION



RECHARGEABLE BATTERY

## INTERCHANGEABLE JAWS FOR DIFFERENT RADIUSSES

Item No	Tube radius	Wall thickness	Tube diameter	Resolution	Accuracy	Functions	Data output	
							USB	Wireless
149010010	55	0-350	25-35	0,01	±0,060	Preset	-	-
	75	0-300	30-40				-	-
	115	0-250	30-45				-	-
	150	0-200	30-45				-	-
149010030	55	0-350	25-35	0,01	±0,050	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
	75	0-300	30-40				+	max 50 m
	115	0-250	30-45				+	max 50 m
	150	0-200	30-45				+	max 50 m
149010070	55	0-350	25-35	0,001	±0,040	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
	75	0-300	30-40				+	max 50 m
	115	0-250	30-45				+	max 50 m
	150	0-200	30-45				+	max 50 m

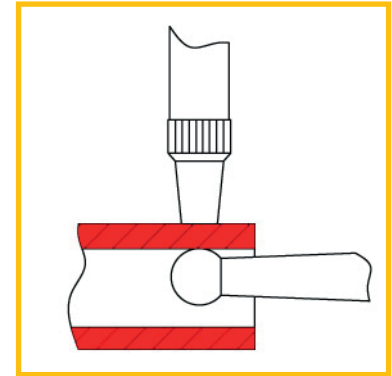


# WALL THICKNESS GAUGE

- Patent UA202002129 by MICROTECH
- For measuring tube walls
- Analog, Digital or Computerized indicator
- Standard contact point with diameter 6 mm (available modifications with other diameters)
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance

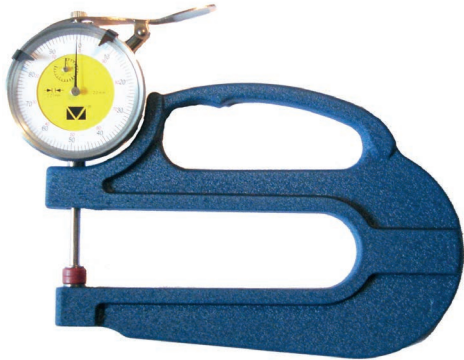


- 0.1 μm**  
RESOLUTION
- WIRELESS**  
DATA TRANSFER
- Go**  
**NoGo**  
TOLERANCE FUNCTION
- 1000 values**  
MEMORY MANAGER
- Ax<sup>2</sup>+Bx+C**  
PRESET  
FORMULA MODE
- TEMPERATURE**  
COMPENSATION
- ERROR COMPENSATION**
- RECHARGEABLE**  
BATTERY

Item No	Range	Resolution	Accuracy	Contact point	Indication	Data output		Calibration
						USB	Wireless	
137011100	0-10	0,01	±0,020	6	Analog	-	-	+
137011102	0-12	0,01	±0,020	6	Digital	-	-	+
137011106	0-12	0,001	±0,012	6	Digital	-	-	+
137011107	0-12	0,0001	±0,010	6	Computerized 1.5"	+	max 50 m	+

## DIAL THICKNESS GAUGES

- Different type of contact points and gauges configuration for customer requirement
- Dial indicator with 10 microns resolution
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Depth	Resolution	Accuracy	Contact points		Calibration
	mm				Standard	Optional	
137001020	0-1	25	0,01	±0,005	Flat d 10mm	Flat d 12, 16, 20, 25, 30mm	ISO17025
137010120	0-10	120	0,01	±0,030			+
137010200		200	0,01	±0,030			+
137020120	0-20	120	0,01	±0,040			+
137025200	0-25	200	0,01	±0,040			+
137050100	0-50	100	0,01	±0,040			+
137050200		200	0,01	±0,050			+
137050300	0-100	300	0,01	±0,060			+
137100100		100	0,01	±0,040			+
137100200		200	0,01	±0,050			+

## DIGITAL THICKNESS GAUGES

- Different type of contact points and gauges configuration for customer requirement
- Digital indicator with 1 or 10 micron resolution
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Depth	Resolution	Accuracy	Contact points		Calibration
	mm				Standard	Optional	
137001021	0-1	25	0,001	±0,003	Flat d 10mm	Flat d 12, 16, 20, 25, 30mm	ISO17025
137010122	0-10	120	0,01	±0,020			+
137010121		200	0,001	±0,012			+
137010202	0-20		120	0,01			±0,025
137010201		0,001		±0,015			+
137020122		0-25	200	0,01			±0,025
137020121	0,001			±0,015			+
137025202	400		0,01	±0,030			+
137025201			0,001	±0,018			+
137025402	0-50	100	0,01	±0,040			+
137025401			0,001	±0,025	+		
137050102		200	0,01	±0,030	+		
137050101			0,001	±0,015	+		
137050202		0-100	300	0,01	±0,040	+	
137050201				0,001	±0,020	+	
137050302	400		0,01	±0,040	+		
137050301			0,001	±0,025	+		
137050402	0-100	400	0,01	±0,050	+		
137050401			0,001	±0,030	+		
137050602		600	0,01	±0,060	+		
137050601			0,001	±0,035	+		
137100102		0-100	100	0,01	±0,030	+	
137100101				0,001	±0,015	+	
137100202	200		0,01	±0,040	+		
137100201			0,001	±0,020	+		
137100402	400		0,01	±0,050	+		
137100401			0,001	±0,030	+		
137100502	600	0,01	±0,060	+			
137100501		0,001	±0,040	+			

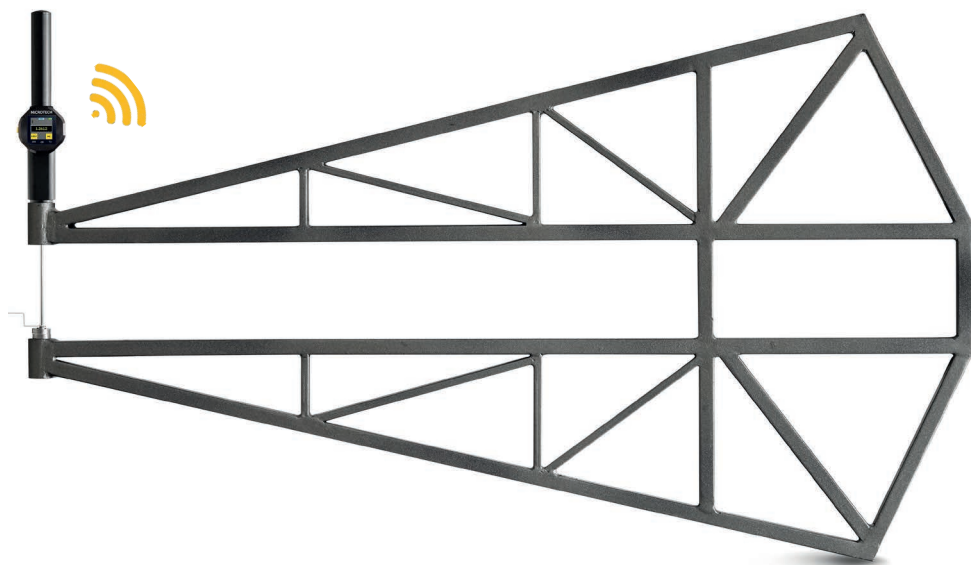


# COMPUTERIZED THICKNESS GAUGES WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, W02016124990 by MICROTECH
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance



- 0.1 μm**  
RESOLUTION
- μm**  
WIRELESS DATA TRANSFER
- Go NoGo**  
TOLERANCE FUNCTION
- 1000 values**  
MEMORY MANAGER
- Ax<sup>2</sup>+Bx+C PRESET**  
FORMULA MODE
- Al, Cu, Fe**  
TEMPERATURE COMPENSATION
- RECHARGEABLE BATTERY**  
ERROR COMPENSATION

Item No	Range	Depth	Resolution	Accuracy	Contact points		Functions	Data output		Calibration
	mm	mm	mm	mm	Standard	Optional		USB	Wireless	
137001028	0-1	25	0,0001	±0,003	Flat d 10mm	Flat d 12, 16, 20, 25, 30mm	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50 m	+
137010128	0-10	120	0,0001	±0,011				+	max 50 m	+
137020128		200	0,0001	±0,014				+	max 50 m	+
137020128		120	0,0001	±0,014				+	max 50 m	+
137025208	0-25	200	0,0001	±0,016				+	max 50 m	+
137025408		400	0,0001	±0,022				+	max 50 m	+
137050208	0-50	200	0,0001	±0,018				+	max 50 m	+
137050308		300	0,0001	±0,021				+	max 50 m	+
137050408		400	0,0001	±0,025				+	max 50 m	+
137050608		600	0,0001	±0,032				+	max 50 m	+
137050808		800	0,0001	±0,045				+	max 50 m	+
137100108		0-100	100	0,0001				±0,012	+	max 50 m
137100208	200		0,0001	±0,016				+	max 50 m	+
137100408	400		0,0001	±0,027				+	max 50 m	+
137100608	600		0,0001	±0,036				+	max 50 m	+
137100808	800		0,0001	±0,048				+	max 50 m	+



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ISO 17025



ISO 9001:2015

# BORE GAUGE

- Patent UA 99686, UA126928, UA131637, WO2016124990 by MICROTECH
- Solid construction with depth up to 2000mm
- Modifications with dial indicator (0.01mm), Digital indicators (0.01 and 0.001mm) and Computerized indicator (0.0001mm)
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation (for Computerized version)
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (for Computerized version)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Range	Depth	Dial bore gauge		Digital bore gauge		Digital bore gauge		Computerized bore gauge			Calibration	
		Resolution 0.01 mm	Accuracy	Resolution 0.01 mm	Accuracy	Resolution 0.001 mm	Accuracy	Resolution 0.0001 mm	Accuracy	Data output		
mm	mm	Item No	mm	Item No	mm	Item No	mm	Item No	mm	USB	Wireless	ISO17025
6-10	45	131010700	±0,008	131010300	±0,008	131010800	±0,003	131010700	±0,003	+	50m	+
10-18	45	131018100	±0,008	131018300	±0,008	131018800	±0,003	131017300	±0,003	+	50m	+
	500	131018111	±0,008	131018311	±0,008	131018811	±0,003	131018711	±0,003	+	50m	+
	1000	131018122	±0,008	131018322	±0,008	131018822	±0,003	131018722	±0,003	+	50m	+
	2000	131018144	±0,008	131018344	±0,008	131018844	±0,003	131018744	±0,003	+	50m	+
18-50	135	131050100	±0,012	131050300	±0,012	131050800	±0,003	131050700	±0,003	+	50m	+
	500	131050111	±0,012	131050311	±0,012	131050811	±0,003	131050711	±0,003	+	50m	+
	1000	131050122	±0,012	131050322	±0,012	131050822	±0,003	131050722	±0,003	+	50m	+
	2000	131050144	±0,012	131050344	±0,012	131050844	±0,003	131050744	±0,003	+	50m	+
50-160	200	131160100	±0,015	131160300	±0,015	131160800	±0,003	131160700	±0,003	+	50m	+
	500	131160111	±0,015	131160311	±0,015	131160811	±0,003	131160711	±0,003	+	50m	+
	1000	131160122	±0,015	131160322	±0,015	131160822	±0,003	131160722	±0,003	+	50m	+
	2000	131160144	±0,015	131160344	±0,015	131160844	±0,003	131160744	±0,003	+	50m	+
160-250	200	131250100	±0,015	131250300	±0,015	131250800	±0,005	131250700	±0,005	+	50m	+
	500	131250111	±0,015	131250311	±0,015	131250811	±0,005	131250711	±0,005	+	50m	+
	1000	131250122	±0,015	131250322	±0,015	131250822	±0,005	131250722	±0,005	+	50m	+
	2000	131250144	±0,015	131250344	±0,015	131250844	±0,005	131250744	±0,005	+	50m	+
250-450	200	131450100	±0,022	131450300	±0,022	131450800	±0,008	131450700	±0,008	+	50m	+
	500	131450111	±0,022	131450311	±0,022	131450811	±0,008	131450711	±0,008	+	50m	+
	1000	131450122	±0,022	131450322	±0,022	131450822	±0,008	131450722	±0,008	+	50m	+
	2000	131450144	±0,022	131450344	±0,022	131450844	±0,008	131450744	±0,008	+	50m	+
400-800	250	131800100	±0,030	131800300	±0,030	131800800	±0,009	131800700	±0,009	+	50m	+
	500	131800111	±0,030	131800311	±0,030	131800811	±0,009	131800711	±0,009	+	50m	+
	1000	131800122	±0,030	131800322	±0,030	131800822	±0,009	131800722	±0,009	+	50m	+
	2000	131800144	±0,030	131800344	±0,030	131800844	±0,009	131800744	±0,009	+	50m	+
700-1000	400	131900100	±0,030	131900300	±0,030	131900800	±0,012	131900700	±0,012	+	50m	+
	1000	131900122	±0,030	131900322	±0,030	131900822	±0,012	131900722	±0,012	+	50m	+
	2000	131900144	±0,030	131900344	±0,030	131900844	±0,012	131900744	±0,012	+	50m	+

# TRANSFORMER COMPUTERIZED BORE GAUGE

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



RECHARGEABLE  
BATTERY

- Patent UA 114974, UA 103980, UA131637, WO2016124990 by MICROTECH
- Recommended for Horizontal measurements (Vertical for special requirement)
- Module construction consist 1-4 elements
- 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 (with 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

DEPTH UP TO 10m  
MODULAR DESIGN



Item No	Range	Resolution	Depth	Accuracy (Horizontal)	Functions	Data output	
						USB	Wireless
131050722	18-50	0,001	1000	±0,006	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
131050744	18-50	0,001	2000	±0,009		+	max 50 m
131050745	35-50	0,001	3000	±0,012		+	max 50 m
131160722	50-160	0,001	1000	±0,007		+	max 50 m
131160744	50-160	0,001	2000	±0,009		+	max 50 m
131160755	85-160	0,001	5000	±0,012		+	max 50 m
131160790	115-160	0,001	7000	±0,016		+	max 50 m
131250722	160-250	0,001	1000	±0,009		+	max 50 m
131250744	160-250	0,001	2000	±0,010		+	max 50 m
131250755	160-250	0,001	5000	±0,015		+	max 50 m
131250777	165-250	0,001	7000	±0,017		+	max 50 m
131250790	205-250	0,001	10000	±0,020		+	max 50 m
131450722	250-450	0,001	1000	±0,010		+	max 50 m
131450744	250-450	0,001	2000	±0,015		+	max 50 m
131450755	250-450	0,001	5000	±0,020		+	max 50 m
131450790	250-450	0,001	10000	±0,025		+	max 50 m
131800722	400-800	0,001	1000	±0,014		+	max 50 m
131800744	400-800	0,001	2000	±0,020		+	max 50 m
131800755	400-800	0,001	5000	±0,025		+	max 50 m
131800790	400-800	0,001	10000	±0,030		+	max 50 m
131900722	700-1000	0,001	1000	±0,015	+	max 50 m	
131900744	700-1000	0,001	2000	±0,025	+	max 50 m	
131900755	700-1000	0,001	5000	±0,030	+	max 50 m	
131900790	700-1000	0,001	10000	±0,040	+	max 50 m	



OPTIONAL CAMERA  
SYSTEM WITH LIGHTING



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ISO 17025



ISO 9001

BUREAU VERITAS  
CERTIFICATION  
ISO 9001:2015

# RADIUS RADIAL COMPUTERIZED GAUGE WIRELESS

- Patent UA126928, UA131637, WO2016124990 by MICROTECH
- For measuring outside radius
- No need interchangeable anvils
- 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 (with 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

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Functions	Data output	
				USB	Wireless
1250511006	100-1000	0,001	Error comp.Temp.comp Preset. Memory Max/ Min Limits	+	max 50 m



RESOLUTION



WIRELESS  
DATA TRANSFER



TOLERANCE FUNCTION



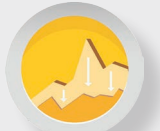
MEMORY MANAGER



FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE  
BATTERY

# SPHERE RADIAL COMPUTERIZED GAUGE WIRELESS

- Patent UA126928, UA131637, WO2016124990 by MICROTECH
- For measuring outside radius of sphere
- No need interchangeable anvils
- 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 (with 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

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Functions	Data output	
				USB	Wireless
1250711206	320-1250	0,001	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m



# RADIUS RADIAL COMPUTERIZED GAUGE WIRELESS

- Patent UA126928, UA131637, WO2016124990 by MICROTECH
- For measuring inside and outside radius
- 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 (with 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)

1  $\mu$ m

RESOLUTION

$\mu$ m

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE

Al  
Fe  
Fe

TEMPERATURE  
COMPENSATION

ERROR COMPENSATION

RECHARGEABLE  
BATTERY

Free Software for Windows, Android, iOS



Free Software for Windows, Android, iOS

max 50 m  
data transfer distance



Item No	Radius Range	Resolution	Accuracy	Base	Functions	Data output	
						USB	Wireless
1250511008	5-1000	0,001	1	10, 20, 30, 60, 100	Error comp. Temp.comp	+	max 50 m
1250511307	225-5500	0,001	>2500mm -1% 1000-2500mm -0,3% 225-1000mm -0,1%	300	Preset. Memory	+	max 50 m
1250511507	625-15600	0,001	>5000mm -1% 2000-5000mm -0,3% 625-2000mm -0,1%	500	Max/Min Limits	+	max 50 m

# WIDE RANGE RADIUS COMPUTERIZED GAUGE WIRELESS

- Patent US10184772, UA128692, UA132139, UA99687 by MICROTECH
- For measuring outside radius
- No need interchangeable anvils
- 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 (with 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)



max 50 m  
data transfer distance



Free Software for Windows, Android, iOS



Max R=32,2m

Item No	Radius Range	Base length	Accuracy	Functions	Data output	
					USB	Wireless
1250530256	60-2550	600	0,05%	Error comp.Temp.	+	max 50 m
1250531156	100-11200	1200	0,05%	comp Preset. Memory	+	max 50 m
1250533356	200-32200	2000	0,05%	Max/Min Limits	+	max 50 m



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ISO 17025



ISO 9001:2015

# COMPUTERIZED PROTRACTOR WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 by MICROTECH
- 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 (with 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

**max 50 m**  
data transfer distance



Item No	Range	Resolution	Accuracy	Internal memory	Base	Functions	Data output	
							USB	Wireless
151136055	0-360	1	±5'	100	150,200,300	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m

# ADJUSTABLE COMPUTERIZED SPIRIT LEVEL WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 by MICROTECH
- Adjustable spirit level with micrometer and sub-micron computerized indicator for fine adjuster
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance



Item No	Prismatic Base	Resolution	Accuracy	Fine adjustment	Functions	Data output	
						USB	Wireless
152315710	165x60	0,0002	±0,007	+	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m

0.1µm

RESOLUTION



WIRELESS  
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE  
BATTERY



# UNIVERSAL CALIBRATION COMPUTERIZED STAND WIRELESS

0.1  $\mu\text{m}$

RESOLUTION

$\mu\text{m}$

WIRELESS  
DATA TRANSFER

Go  
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$   
PRESET

FORMULA MODE



TEMPERATURE  
COMPENSATION

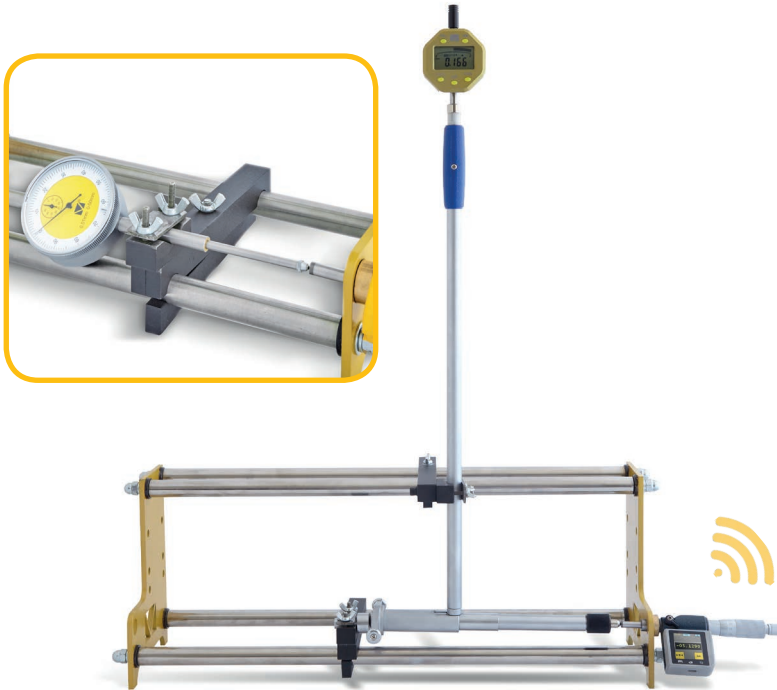


ERROR COMPENSATION



RECHARGEABLE  
BATTERY

- Patent UA99686, UA103982, UA126928, UA131637, UA99931, WO2016124992 by MICROTECH
- Universal calibration stands for indicators and bore gauges calibration
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Micrometer head		Calibration	Functions	Data output	
			Range	Accuracy			USB	Wireless
25111300	0-300	0,0001	25	$\pm 0,002$	Bore gauges Indicators	Error comp.Temp. comp Preset. Memory Max/Min Limits	+	max 50 m
25111500	0-500	0,0001	25	$\pm 0,002$			+	max 50 m
25111500	0-1000	0,0001	25	$\pm 0,002$			+	max 50 m

# DIAL INDICATOR CALIBRATION COMPUTERIZED STAND WIRELESS



Free Software for Windows, Android, iOS

**max 50 m**  
data transfer distance

Item No	Range	Resolution	Micrometer head		Functions	Data output	
			Range	Accuracy		USB	Wireless
25111026	0-25	0,0001	25	$\pm 0,002$	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
25111051	0-50	0,0001	50	$\pm 0,003$		+	max 50 m



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ISO 17025



ISO 9001:2015

# COMPUTERIZED STAND FOR PIPE STREIGHTNESS CONTROL

- Patent UA99686, UA103982, UA126928, UA131637, UA201909808 by MICROTECH
- 1 or 2 axis stand for pipe streightness control
- 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 (with external antenna)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance



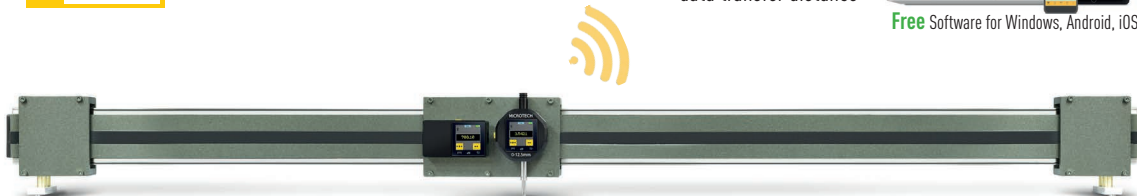
Item No	Axis	Range		Resolution	Accuracy		Functions	Weight	Data output	
		X	Z		X	Z			USB	Wireless
		mm	mm	mm	mm	mm		kg		
27510900	1D	0-900	0-12	0,0001	±2	±0,002	Error comp. Temp.comp	9	+	max 50 m
27511800	1D	0-1800	0-12	0,0001	±2	±0,002		14	+	max 50 m
27512800	1D	0-2800	0-12	0,0001	±2	±0,002	Preset. Memory Max/Min Limits	34	+	max 50 m
27520900	2D	0-900	0-12	0,0001	±0,040	±0,002		10	+	max 50 m
27521800	2D	0-1800	0-12	0,0001	±0,080	±0,002		15	+	max 50 m
27522800	2D	0-2800	0-12	0,0001	±0,120	±0,002		35	+	max 50 m

## 2D MACRO PROFILE COMPUTERIZED STAND WIRELESS

- Patent UA99686, UA103982, UA126928, UA131637, UA201909808 by MICROTECH
- 2D macro profile for surface tester (straightness and surfness)
- 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 (with external antenna)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



**max 50 m**  
data transfer distance



Item No	Axis	Range		Resolution	Accuracy		Functions	Weight	Data output	
		X	Z		X	Z			USB	Wireless
		mm	mm	mm	mm	mm		kg		
27720900	2D	0-900	0-12	0,001	±0,040	±0,002	Error comp. Temp.comp	5	+	max 50 m
27721800	2D	0-1800	0-12	0,001	±0,080	±0,002		8	+	max 50 m
27722800	2D	0-2800	0-25	0,001	±0,120	±0,004	Preset. Memory Max/Min Limits	19	+	max 50 m
27723800	2D	0-3800	0-50	0,001	±0,160	±0,006		25	+	max 50 m



RESOLUTION



WIRELESS  
DATA TRANSFER



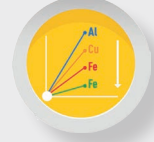
TOLERANCE FUNCTION



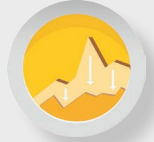
MEMORY MANAGER



FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE  
BATTERY

VIDEO





# COMPUTERIZED STAND FOR CERAMIC AND STONE TILES CONTROL

- Patent UA99686, UA103982, UA126928, UA131637, UA201909064 by MICROTECH
- For control geometrical parameters and surface of ceramic and stone tiles
- Modification with Quality control software with wide control and statistic possibilities, protocols
- 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
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



0.1 μm

RESOLUTION

μm

WIRELESS DATA TRANSFER

Go NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

$Ax^2+Bx+C$  PRESET

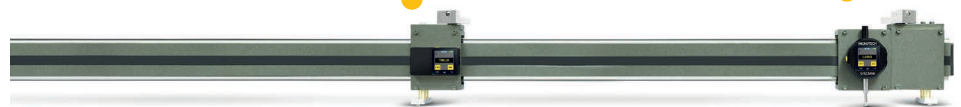
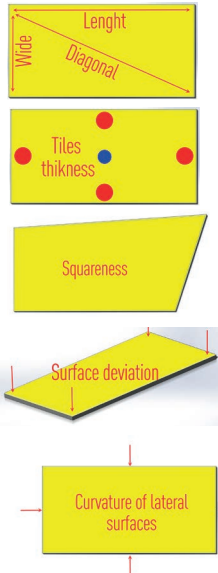
FORMULA MODE

Al  
Cu  
Fe

TEMPERATURE COMPENSATION

ERROR COMPENSATION

RECHARGEABLE BATTERY

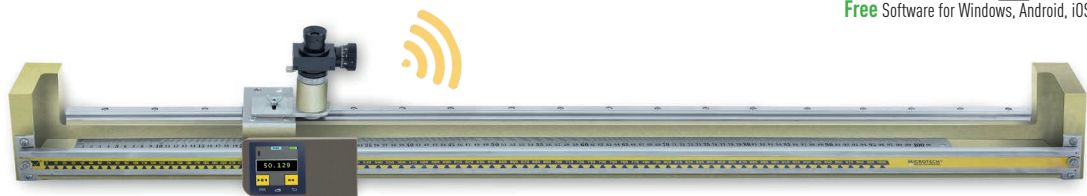


Item No	Range	Resolution	Accuracy	Weight	Functions	Data output		Quality control system
						USB	Wireless	
27620901	100-900	0,001	±0,1	5,5	Error comp. Temp.comp	+	max 50 m	+
27621801	100-1800	0,001	±0,1	8	Preset. Memory Max/Min	+	max 50 m	+
27622801	100-2800	0,001	±0,1	15	Limits	+	max 50 m	+

## RULLER CALIBRATION COMPUTERIZED STAND

- Patent UA99686, UA103982, UA126928, UA131637, WO2016124990 by MICROTECH
- 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 (with external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

max 50 m  
data transfer distance



Item No	Range	Resolution	Accuracy	Functions	Data output		Microscope	Software
					USB	Wireless		
258005001	0-500	0,001	±0,020	Preset. Memory Manager Max/Min Limits	+	max 50 m	+	+
258005001	0-500	0,001	±0,020		+	max 50 m	+	+
258010001	0-1000	0,001	±0,035		+	max 50 m	+	+



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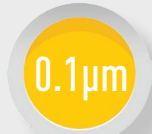
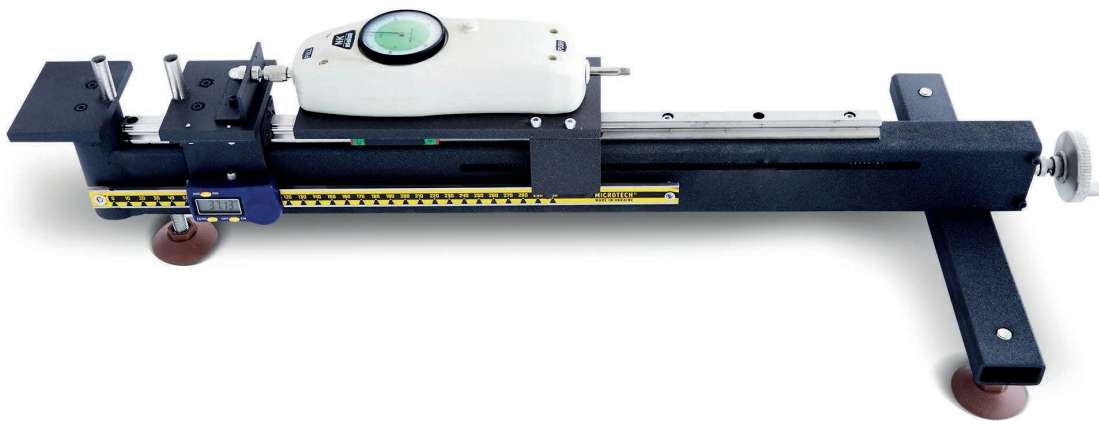


ISO 9001

BUREAU VERITAS CERTIFICATION ISO 9001:2015

# COMPUTERIZED STAND FOR STRETCHING LENGTH MEASUREMENT

- Patent UA99686, UA103982, UA126928, UA131637, UA201909808 by MICROTECH
- For measuring force which distend material or stretching length according to force
- Digital or analog push pull gauge
- Digital or Computerized length indicator
- Optional Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



RESOLUTION



WIRELESS  
DATA TRANSFER



TOLERANCE FUNCTION



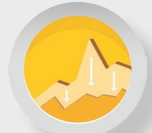
MEMORY MANAGER



FORMULA MODE



TEMPERATURE  
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE  
BATTERY

Item No	Force			Length				Functions	Data output	
	Range	Accuracy	Type	Range	Resolution	Accuracy	Type		USB	Wireless
	N	%		mm	mm	mm			USB	Wireless
27810155	10-100	1	Analog	150	0,01	±0,020	Digital	-	-	-
27850305	50-500	1		300	0,01	±0,040		-	-	-
27810157	10-100	0.25	Computerized	150	0,005	±0,010	Computerized	Error comp. Temp.comp	+	max 50 m
27850307	50-500	0.25		300	0,005	±0,020		Preset. Memory Max/Min Limits	+	max 50 m

# COMPUTERIZED FORCE GAUGE WIRELESS

- Push Pull Force testing for tension and compression force testing
- Built in micro computer with colour Touchscreen display 1,5"
- Measurement Units: N, lbf, kgF
- Completed with rods set; Extension rod, Flat head, Cone head, Concave V-head, External convex V-head, Tension test hook
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m
- 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

**max 50 m**  
data transfer distance

Link to software

Item No	Range			Resolution	Accuracy	Functions	Data output		Calibration
	N	lbf	kgF				USB	Wireless	
225170010	1-10	0.2-2	0,1-1	0,001	0.25	Error comp. Preset. Memory PEAK Limits	+	max 50 m	+
225170050	5-50	1-11,5	0,5-5	0,001	0.25		+	max 50 m	+
225170100	10-100	2-22,5	1-10	0,01	0.25		+	max 50 m	+
225170500	50-500	10-112	5-50	0,01	0.25		+	max 50 m	+
225171000	100-1000	22-225	10-100	0,01	0.4		+	max 50 m	+
225175000	500-5000	10-110	50-500	0,05	0.4		+	max 50 m	+



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innovative measuring instruments

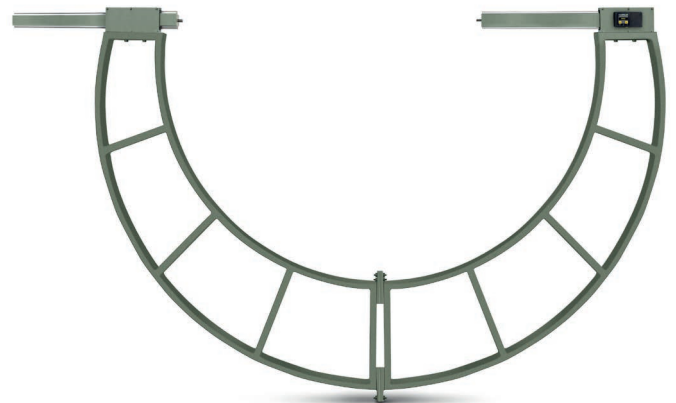
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