



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





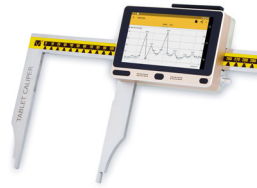
Big depth
bore gauge

2012



Force
caliper

2014



Tablet 4.0
computerized
caliper

2015



Intelligent
computerized
caliper

2018



Intelligent
multifunctional
caliper

2019

CONTENTS

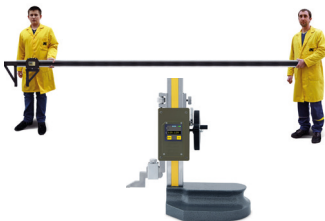
Data transmission & Software

6



Computerized & Precision CALIPERS

8



Long Jaws & Big range CALIPERS

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Computerized HEIGHT GAUGES

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Computerized MICROMETERS

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Computerized INTERNAL MICROMETERS

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Computerized & Precision INDICATORS

48



Thickness GAUGES

52



Bore GAUGES

56



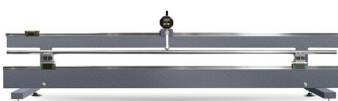
Radius & Sphere GAUGES

58



LEVELS & PROTRACTORS

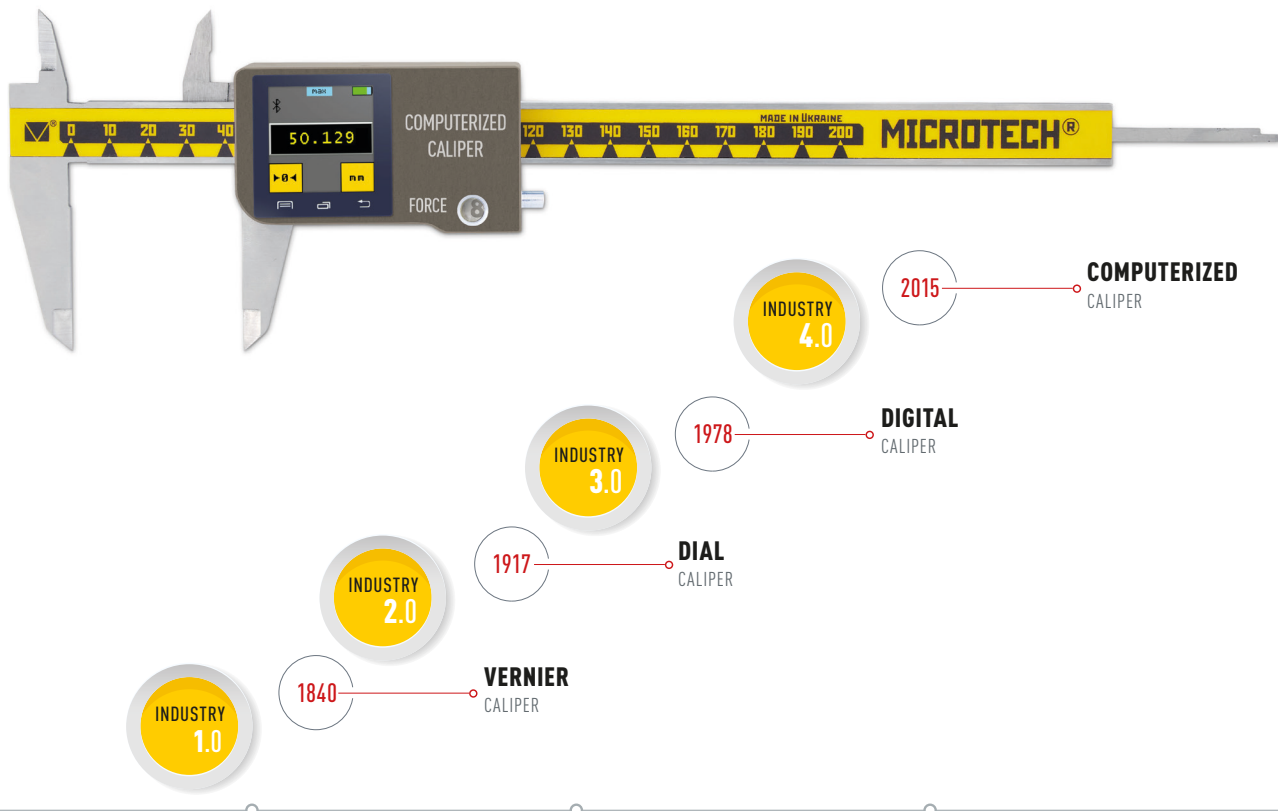
60



Computerized calibration STANDS

61

INTELLIGENT COMPUTERIZED INSTRUMENTS FROM MICROTECH



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

On was 2018 released serie of Intelligent computerized instruments, that have a lot of extended functions and advandages 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 (100000 values)
- 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

MAIN MENU

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

MEMORY MANAGER
max 100000 values
folders system
transferring data from memory to PC



< +00.0001
> +00.0001
MIN

LIMITS
color Go/NoGo

Max/Min

Enable

MAX

MAX/MIN

indicating max or min value

A +00.0000
B +00.0000
C +00.0000
RESET

FORMULA MODE

Ax^2+Bx+C

Timer

+000 sec.

RESET

TIMER MODE

saving or transfer data on timer



O: 01.0000
C: 01.0010
^ OK
v RESET

ERROR COMPENSATION
mathematical correction

Temp. comp.

None Mode

+25.00 C

TEMPERATURE COMPENSATION
manual correction 4 materials

Resolution

X.0000

RESOLUTION

selected up to 0.0001mm

Extra

Axis Mode

Normal

AXIS MODE

normal or inverted



Wireless Trans
Normal
1 min

WIRELESS
modes of data transmission

Mode OFF

UART OFF

Keypad ON

CONFIG

USB

USB connection configuration

Device

Auto start ON

PIN

RESET

DEVICE SETTING

autostart, reset, password

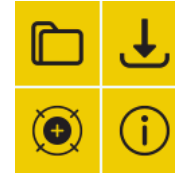
Angle 0

Sleep off

Light High

SCREEN SETTING

screen rotation, brightness



Mode
Folder
+000
RESET

MEMORY SETTING
folder configuration

Link to software



SOFTWARE

link to download app

Calibration Date

DAY MONTH YEAR

01 01 2020

CHANGE

CALIBRATION STATUS

calibration date control

app@microtech.ua
F411RE
FW: 1.1.1
MAC: 00000
ID: 00000000

DEVICE INFO

service info about device



MICROTECH

since 1995



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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



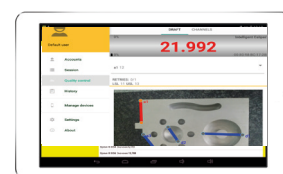
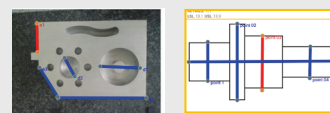
USB-DONGLE



WIRELESS CONNECTION



IMPORT FROM FILE OR CAMERA



Windows®



iOS



ANDROID



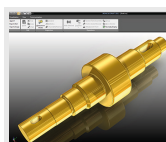
SAVING DATA
TO XLS. CSV
FORMATS



SAVING DATA
TO XLS. CSV
FORMATS



SAVING DATA
TO XLS. CSV
FORMATS



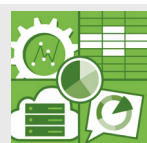
TRANSFER DATA TO
CAD, SPC OR OTHER
SOFTWARE



SAVING
GRAPH



SAVING
GRAPH



TRANSFER DATA TO
EXCEL OR OTHER
TABLE EDITORS



VOICE
MODE



VOICE
MODE



QUALITY
CONTROL
RESULTS

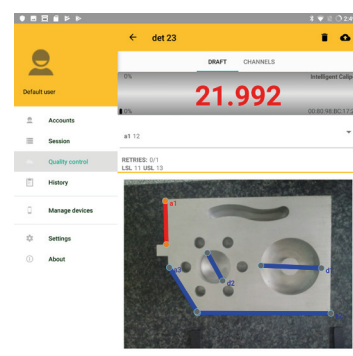


SOFTWARE COMPARE

	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	16	2	7	2	7
Energy saving mode	+	+	+	+	+	+
Transfer data from 1 instrument to several PC	+	+	+	+	+	+
Max Distance, m	10-50m (depends of instrument)					
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 (txt) to any Windows software	+	+	-	-	-	-
Save data	+	+	+	+	+	+
Save graph	-	-	+	+	+	+
Device battery status indication	-	-	+	+	+	+
Quality control mode	-	-	+	+	-	-
Import & processing details draws, photos	-	-	+	+	-	-
Voice mode	-	-	+	+	+	+
Multilanguage	+	+	+	+	+	+
Working with Touchscreen	+	+	+	+	+	+
Software download	www.microtech.ua		GooglePlay		App Store	
	FREE		FREE		FREE	
Download						

ACCESSORIES

Item No	Type
299100030	FREE SPC- Software MDS MicrotechData Lite for Windows
299100080	SPC- Software MDS MicrotechData Pro 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	FREE SPC- Software MicrotechData Lite for Android
299100050	SPC- Software MicrotechData Pro for Android
299100060	FREE SPC- Software MicrotechData Lite for iOS
299100070	SPC- Software MicrotechData Pro for iOS



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ISO 17025



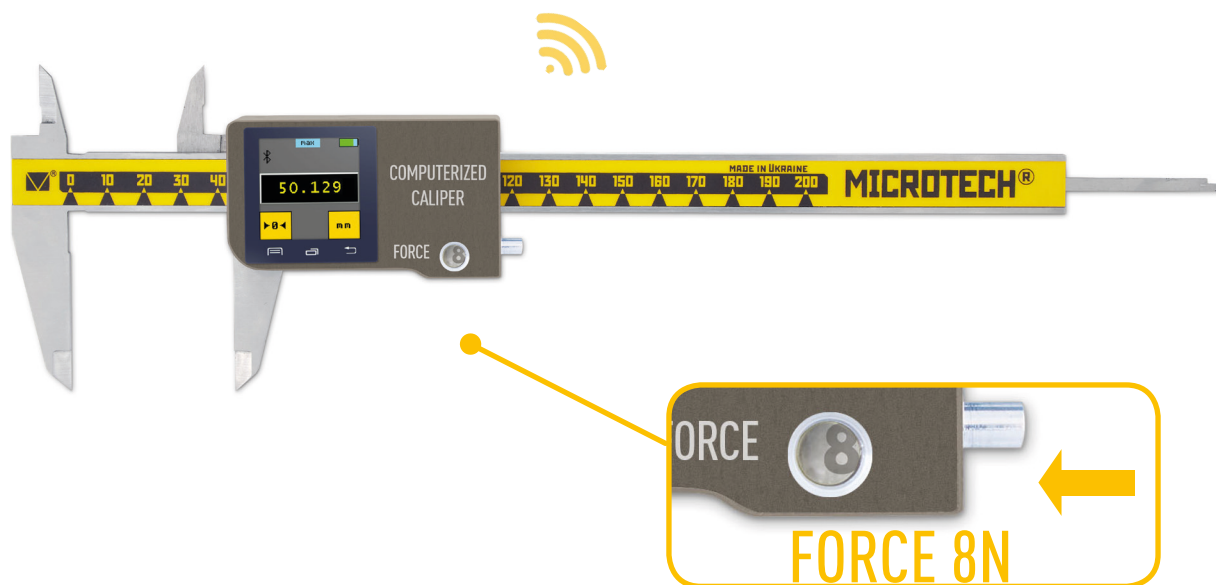
ISO 9001:2015

MICRON INTELLIGENT COMPUTERIZED CALIPER

- 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)
- 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)



max 50 m
data transfer distance



Item No	Range	Resolution	Accuracy	Jaws	Measuring force	Protection	Functions	Data output	
								USB	Wireless
141087015	0-150	0,001	$\pm 0,008$	40/16	8	IP-65	Error comp.	+	max 50 m
141097015	0-150	0,001	$\pm 0,005$	40/16	8	IP-65	Temp.comp	+	max 50 m
141087020	0-200	0,001	$\pm 0,010$	50/17	8	IP-65	Preset.	+	max 50 m
141097020	0-200	0,001	$\pm 0,008$	50/17	8	IP-65	Memory	+	max 50 m
141087030	0-300	0,001	$\pm 0,015$	60/20	8	IP-65	Max/Min	+	max 50 m
141097030	0-300	0,001	$\pm 0,012$	60/20	8	IP-65	Limits	+	max 50 m

4.0

INDUSTRY 4.0
READY

1 μm

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

Al
Fe

TEMPERATURE
COMPENSATION

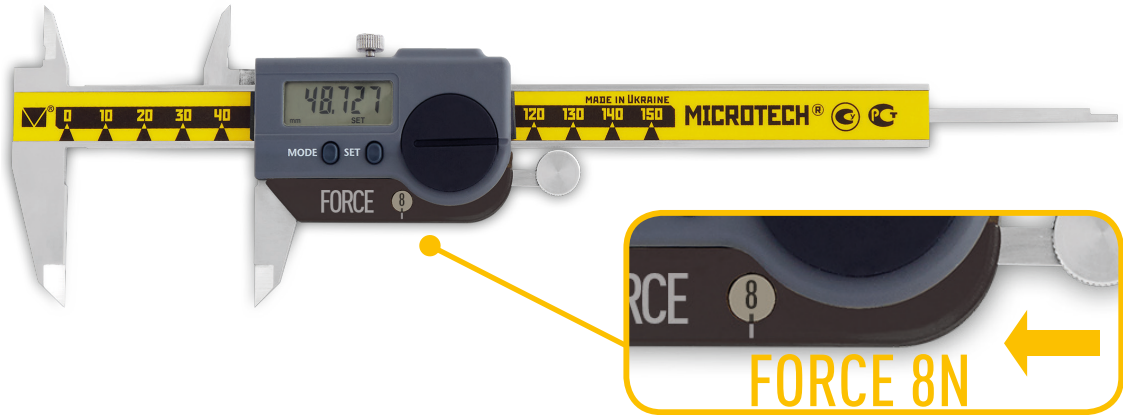
Fe

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 measurings according DIN862)
- Force control module 8N
- Hand finished measuring surfaces
- Protection class IP-67 **NEW**
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

VIDEO



Item No	Range	Resolution	Accuracy	Jaw length	Measuring force	Protection class	Data output
	mm	mm	mm	mm	N		
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

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

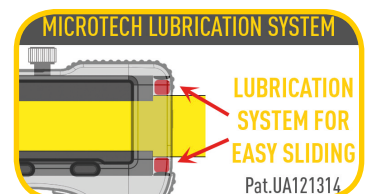


$\pm 5\mu\text{m}$

IP67
PROTECTION

1 μm
RESOLUTION

8N
FORCE CONTROL



Item No	Range	Resolution	Accuracy	Jaw length	Measuring force	Protection class	Lubrication system
	mm	mm	mm	mm	N		
141055111	0-150	0,001	$\pm 0,007$	40/16	8	IP-65	+
141055211	0-200	0,001	$\pm 0,010$	50/17	8	IP-65	+
141055311	0-300	0,001	$\pm 0,015$	60/20	8	IP-65	+



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ISO 17025



ISO 9001

ISO 9001:2015

PRECISION FORCE CALIPER IP67

- Patent US10429165, UA100613, UA121314 by MICROTECH
- Force control module 8N
- 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)



VIDEO



Item No	Range	Resolution	Accuracy	Jaw	Measuring force	Protection class	Lubrication system	Depth rod
	mm	mm	mm	mm	N			mm
141077122	0-150	0,01	$\pm 0,010$	40/16	8	IP-67	+	4x1,4
141077222	0-200	0,01	$\pm 0,010$	50/17	8	IP-67	+	4x1,4
141077322	0-300	0,01	$\pm 0,020$	60/20	8	IP-67	+	4x1,4

WIRELESS FORCE CALIPER IP67

max 30 m
data transfer distance



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

IP67

PROTECTION

8N

FORCE CONTROL

+

SWISS ELECTRONIC

IP67

PROTECTION

8N

FORCE CONTROL

+

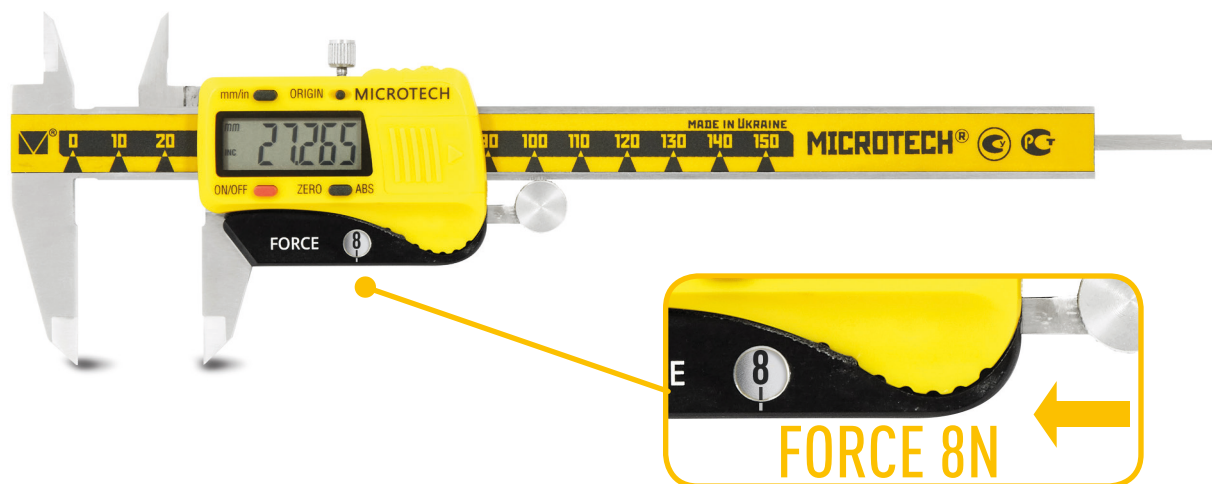
SWISS ELECTRONIC

μm

WIRELESS
DATA TRANSFER

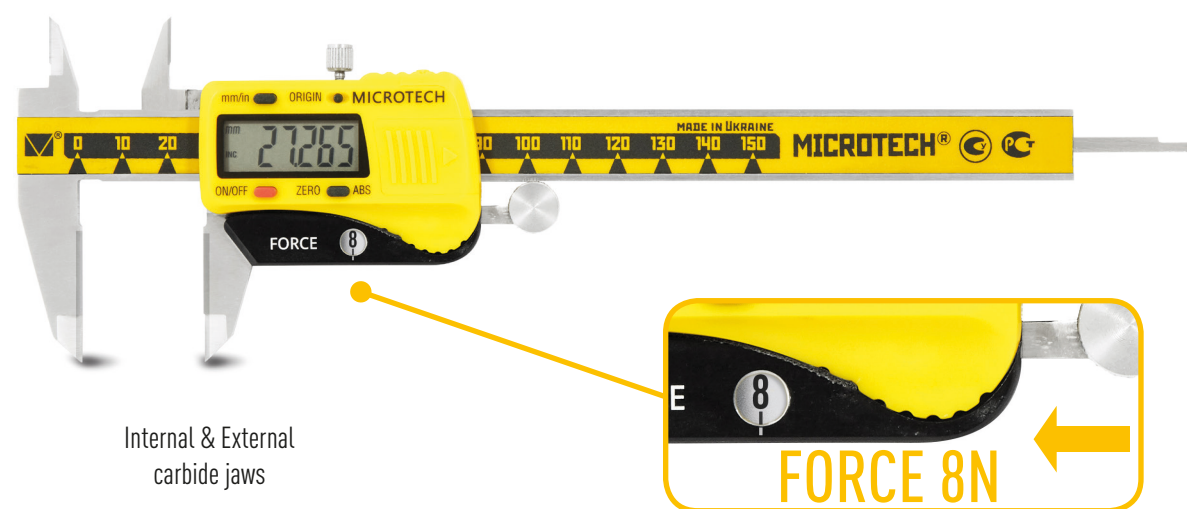
PRECISION FORCE CALIPER IP54

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



Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Measuring force	Depth rod
	mm	mm	mm	mm		N	mm
141088152	0-150	0,005	$\pm 0,010$	40/16	IP-54	8	4x1,4
141088252	0-200	0,005	$\pm 0,010$	50/17	IP-54	8	4x1,4
141088352	0-300	0,005	$\pm 0,020$	60/20	IP-54	8	4x1,4

PRECISION FORCE CALIPER WITH CARBIDE JAWS



Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Measuring force	Carbide tips	Depth rod
	mm	mm	mm	mm		N		mm
141088152C	0-150	0,005	$\pm 0,010$	40/16	IP-54	8	+	4x1,4
141088252C	0-200	0,005	$\pm 0,010$	50/17	IP-54	8	+	4x1,4
141088352C	0-300	0,005	$\pm 0,020$	60/20	IP-54	8	+	4x1,4



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ISO 17025

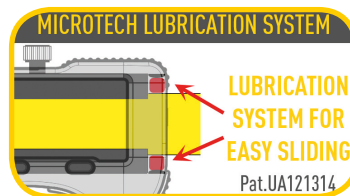


ISO 9001:2015

PRECISION CALIPER IP67

- Accuracy better then 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 **NEW**
- 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)

VIDEO



Item No	Range	Resolution	Accuracy	Jaw	Protection class	Lubrication system	Depth rod
	mm	mm	mm	mm			mm
141072122	0-150	0,01	$\pm 0,020$	40/16	IP-67	+	4x1,4
141072222	0-200	0,01	$\pm 0,020$	50/17	IP-67	+	4x1,4
141072322	0-300	0,01	$\pm 0,030$	60/20	IP-67	+	4x1,4

WIRELESS CALIPER IP67

max 30 m
data transfer distance



VIDEO



Item No	Range	Resolution	Accuracy	Jaw	Protection class	Lubrication system	Data output
	mm	mm	mm	mm			Wireless
141072192	0-150	0,01	$\pm 0,020$	40/16	IP-67	+	max 30m
141072292	0-200	0,01	$\pm 0,020$	50/17	IP-67	+	max 30m
141072392	0-300	0,01	$\pm 0,030$	60/20	IP-67	+	max 30m

IP67

PROTECTION



SWISS ELECTRONIC

IP67

PROTECTION



SWISS ELECTRONIC



WIRELESS
DATA TRANSFER



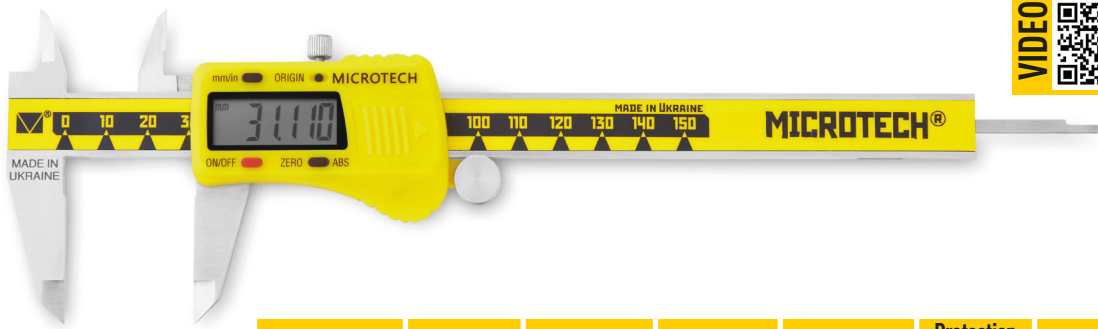
PRECISION CALIPER IP54

IP54

PROTECTION

5μm

RESOLUTION



Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Depth rod
	mm	mm	mm	mm		mm
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

PRECISION CALIPER WITH CARBIDE JAWS

IP54

PROTECTION

5μm

RESOLUTION



Internal & External
carbide jaws

Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Carbide tips	Depth rod
	mm	mm	mm	mm			mm
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

DIN CALIPER IP67

IP67

PROTECTION

5μm

RESOLUTION



Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Depth rod
	mm	mm	mm	mm		mm
141085112	0-150	0,005	±0,030	40/16	IP-67	4x1,4
141085212	0-200	0,005	±0,030	50/17	IP-67	4x1,4
141085312	0-300	0,005	±0,040	60/20	IP-67	4x1,4



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ISO 17025



ISO 9001

ISO 9001:2015

LOW-FORCE CALIPER IP67

- Patent US10429165, UA100613, UA121314 by MICROTECH
- **Low force (0,8N)** version for soft materials
- Self lubrication patented technology (Pat. UA121314 by MICROTECH)
- Swiss electronic with big extra screen. Protection class IP-67 **NEW**
- 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)



IP67

PROTECTION

0.8N

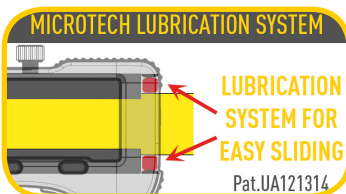
LOW FORCE



SWISS ELECTRONIC



WIRELESS
DATA TRANSFER



max 30 m
data transfer distance



Free Software for Windows, Android, iOS



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

LOW-FORCE CALIPER IP54



IP54

PROTECTION

0.8N

LOW FORCE

5µm

RESOLUTION

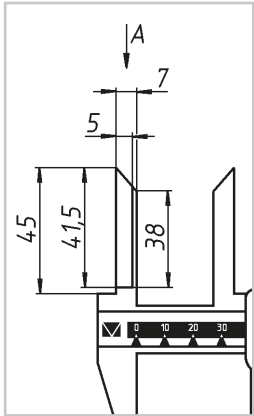


Item No	Range	Resolution	Accuracy*	Jaw	Measuring force	Protection class	Data output
	mm	mm	mm	mm	N		
141088153	0-150	0,005	±0,030	40/16	0,8	IP-54	RS-232
141088253	0-200	0,005	±0,030	50/17	0,8	IP-54	RS-232
141088353	0-300	0,005	±0,040	60/20	0,8	IP-54	RS-232

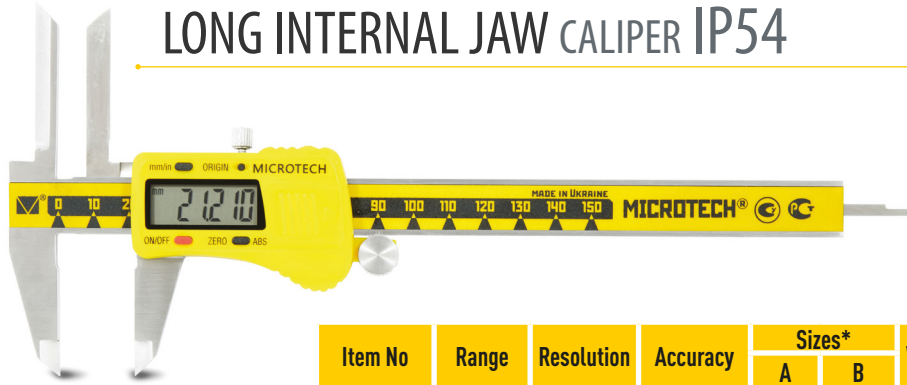


LONG INTERNAL JAW CALIPER

- 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

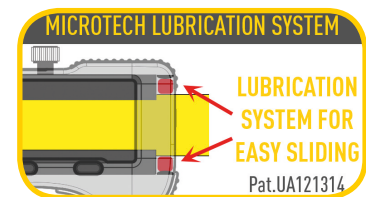


LONG INTERNAL JAW CALIPER IP54



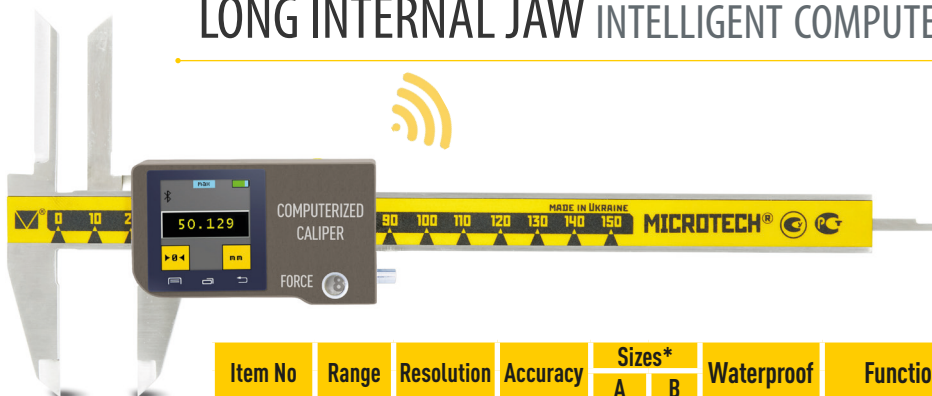
Item No	Range	Resolution	Accuracy	Sizes*		Waterproof	Data output
				A	B		
141230155	0-150	0,005	±0,030	45	40	IP54	RS-232

LONG INTERNAL JAW CALIPER IP67



Item No	Range	Resolution	Accuracy	Sizes*		Lubrication system	Waterproof	Data output
				A	B			
141230153	0-150	0,01	±0,030	45	40	+	IP67	-
141231154	0-150	0,01	±0,030	45	40	+	IP67	max 30m

LONG INTERNAL JAW INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	Sizes*		Waterproof	Functions	Data output	
				A	B			USB	Wireless
141230157	0-150	0,001	±0,020	45	40	IP65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m

4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS
DATA TRANSFER

8N

FORCE CONTROL



MICROTECH

since 1995



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ISO 17025

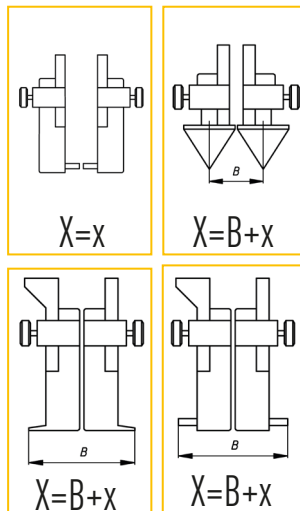


ISO 9001

ISO 9001:2015

UNIVERSAL DIGITAL CALIPER

- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- 4 types of measurings jaws
- 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



UNIVERSAL DIGITAL CALIPER IP54



Item No	Range	Resolution	Accuracy	B*	Protection class	Preset function	Data output
	mm	mm	mm	mm			
141630155	0-150	0,005	±0,030	30	IP54	-	RS-232
141630205	0-200	0,005	±0,030	30	IP54	-	RS-232
141630305	0-300	0,005	±0,030	50	IP54	-	RS-232

UNIVERSAL DIGITAL CALIPER IP67



Item No	Range	Resolution	Accuracy	B*	Lubrication system	Protection class	Preset function	Data output
	mm	mm	mm	mm				Wireless
141630153	0-150	0,01	±0,030	30	+	IP67	+	-
141631154	0-150	0,01	±0,030	30	+	IP67	+	max 30m
141630203	0-200	0,01	±0,030	50	+	IP67	+	-
141631204	0-200	0,01	±0,030	50	+	IP67	+	max 30m
141630303	0-300	0,01	±0,030	50	+	IP67	+	-
141631304	0-300	0,01	±0,030	50	+	IP67	+	max 30m

UNIVERSAL INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	B*	Protection class	Functions	Data output	
	mm	mm	mm	mm			USB	Wireless
141630157	0-150	0,001	±0,020	30	IP65	Error & Temp comp.	+	max 50 m
141630207	0-200	0,001	±0,025	50	IP65	Preset. Memory	+	max 50 m
141630307	0-300	0,001	±0,025	50	IP65	Max/Min Limits	+	max 50 m

4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION

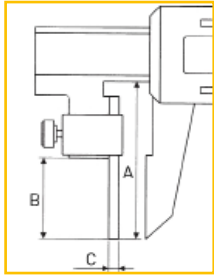
µm

WIRELESS
DATA TRANSFER

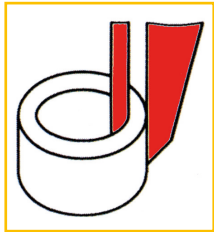
8N

FORCE CONTROL

TUBE DIGITAL CALIPER



- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For tube thickness 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

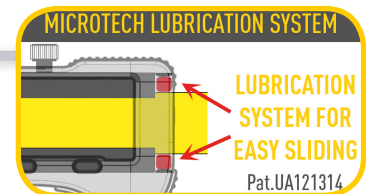


TUBE DIGITAL CALIPER IP54



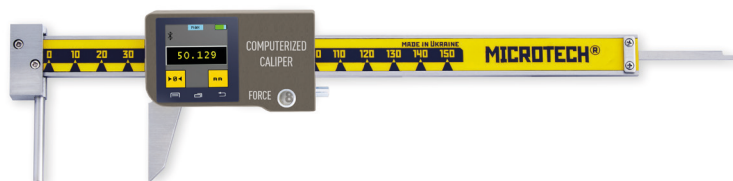
Item No	Range	Resolution	Accuracy	Sizes*			Waterproof	Data output
				A	B	C		
	mm	mm	mm	mm	mm	mm		
141230155	0-150	0,005	±0,030	46	30	4	IP54	RS-232
141230205	0-200	0,005	±0,030	50	40	4	IP54	RS-232
141230305	0-300	0,005	±0,030	50	40	4	IP54	RS-232

TUBE DIGITAL CALIPER IP67



Item No	Range	Resolution	Accuracy	Sizes*			Lubrication system	Waterproof	Data output
				A	B	C			
	mm	mm	mm	mm	mm	mm			Wireless
141230153	0-150	0,01	±0,030	46	30	4	+	IP67	-
141231154	0-150	0,01	±0,030	46	30	4	+	IP67	max 30m
141230203	0-200	0,01	±0,030	50	40	4	+	IP67	-
141231204	0-200	0,01	±0,030	50	40	4	+	IP67	max 30m
141230303	0-300	0,01	±0,030	50	40	4	+	IP67	-
141231304	0-300	0,01	±0,030	50	40	4	+	IP67	max 30m

TUBE INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	Sizes*			Waterproof	Functions	Data output	
				A	B	C			USB	Wireless
	mm	mm	mm	mm	mm	mm				
141230157	0-150	0,001	±0,020	46	30	4	IP65	Error & Temp comp.	+	max 50 m
141230207	0-200	0,001	±0,025	50	40	4	IP65	Preset. Memory	+	max 50 m
141230307	0-300	0,001	±0,025	50	40	4	IP65	Max/Min Limits	+	max 50 m

4.0
INDUSTRY 4.0
READY

1µm
RESOLUTION

IP65
PROTECTION

µm
WIRELESS
DATA TRANSFER

8N
FORCE CONTROL



MICROTECH

since 1995



www.microtech.ua



ISO 17025

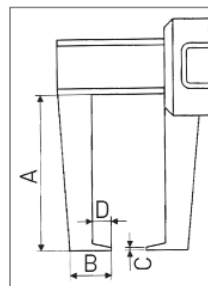
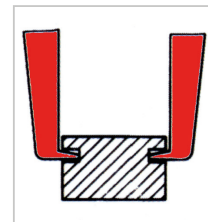


ISO 9001

ISO 9001:2015

OUTSIDE POINT DIGITAL 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

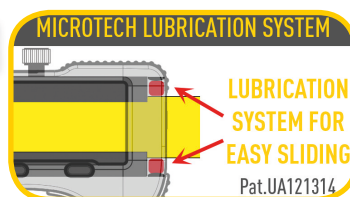


OUTSIDE POINT DIGITAL CALIPER IP54



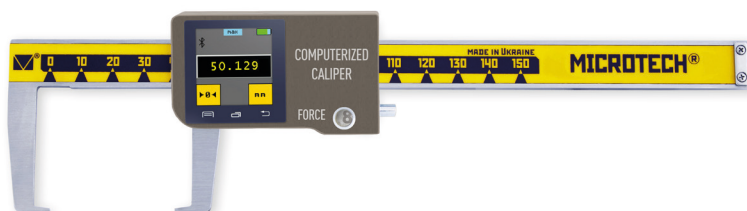
Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Data output
				A	B	C	D		
	mm	mm	mm	mm	mm	mm	mm		
141430155	0-150	0,005	±0,030	25	9	1	5	IP54	RS-232
141430205	0-200	0,005	±0,030	25	9	1.5	8	IP54	RS-232
141430305	0-300	0,005	±0,030	43	16	1.5	8	IP54	RS-232

OUTSIDE POINT DIGITAL CALIPER IP67



Item No	Range	Resolution	Accuracy	Sizes*				Lubrication system	Waterproof	Data output
				A	B	C	D			
	mm	mm	mm	mm	mm	mm	mm			Wireless
141430153	0-150	0,01	±0,030	25	9	1	5	+	IP67	-
141431154	0-150	0,01	±0,030	25	9	1	5	+	IP67	max 30m
141430203	0-200	0,01	±0,030	25	9	1.5	8	+	IP67	-
141431204	0-200	0,01	±0,030	25	9	1.5	8	+	IP67	max 30m
141430303	0-300	0,01	±0,030	43	16	1.5	8	+	IP67	-
141431304	0-300	0,01	±0,030	43	16	1.5	8	+	IP67	max 30m

OUTSIDE POINT INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Functions	Data output	
				A	B	C	D			USB	Wireless
	mm	mm	mm	mm	mm	mm	mm				
141430157	0-150	0,001	±0,020	25	9	1	5	IP65	Error & Temp comp.	+	max 50 m
141430207	0-200	0,001	±0,025	25	9	1.5	8	IP65	Preset. Memory	+	max 50 m
141430307	0-300	0,001	±0,025	43	16	1.5	8	IP65	Max/Min Limits	+	max 50 m

4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS
DATA TRANSFER

8N

FORCE CONTROL

INSIDE POINT DIGITAL 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

INSIDE POINT DIGITAL CALIPER IP54



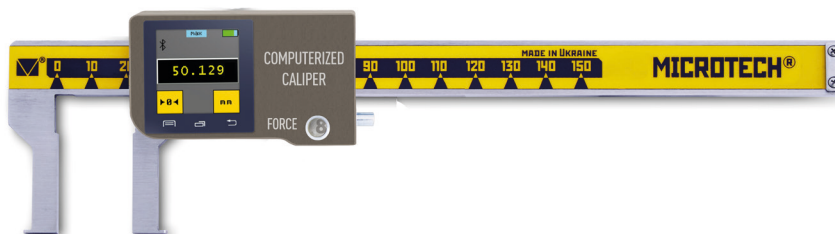
Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Data output
				A	B	C	D		
	mm	mm	mm	mm	mm	mm	mm		
141330155	20-170	0,005	±0,030	25	9	1	5	IP54	RS-232
141331205	20-220	0,005	±0,030	25	9	1	5	IP54	RS-232
141330305	30-330	0,005	±0,030	43	14	1.5	5	IP54	RS-232

INSIDE POINT DIGITAL CALIPER IP67

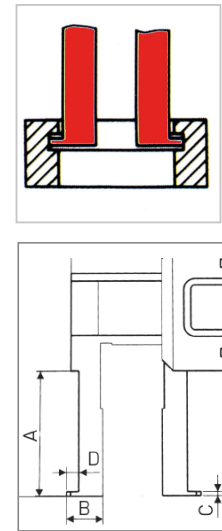


Item No	Range	Resolution	Accuracy	Sizes*				Lubrication system	Waterproof	Data output
				A	B	C	D			
	mm	mm	mm	mm	mm	mm	mm			Wireless
141330153	20-170	0,01	±0,030	25	9	1	5	+	IP67	-
141331154	20-170	0,01	±0,030	25	9	1	5	+	IP67	max 30m
141330203	20-220	0,01	±0,030	43	14	1.5	5	+	IP67	-
141331204	20-220	0,01	±0,030	43	14	1.5	5	+	IP67	max 30m
141330303	30-330	0,01	±0,030	43	14	1.5	5	+	IP67	-
141331304	30-330	0,01	±0,030	43	14	1.5	5	+	IP67	max 30m

INSIDE POINT INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	Sizes*				Waterproof	Functions	Data output	
				A	B	C	D			USB	Wireless
	mm	mm	mm	mm	mm	mm	mm				
141330157	20-170	0,001	±0,020	25	9	1	5	IP65	Error & Temp comp.	+	max 50 m
141330207	20-220	0,001	±0,025	25	9	1.5	5	IP65	Preset. Memory	+	max 50 m
141330307	30-330	0,001	±0,025	43	14	1.5	5	IP65	Max/Min Limits	+	max 50 m



4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS
DATA TRANSFER

8N

FORCE CONTROL



MICROTECH

since 1995



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ISO 17025



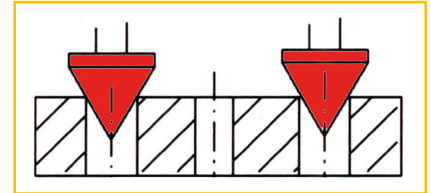
ISO 9001

ISO 9001:2015

OFFSET CENTERLINE DIGITAL 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

OFFSET CENTERLINE DIGITAL CALIPER IP54



Item No	Range	Resolution	Accuracy	Waterproof	Data output
	mm	mm	mm		
141730155	20-170	0,005	±0,030	IP54	RS-232
141731205	20-220	0,005	±0,040	IP54	RS-232
141730305	30-330	0,005	±0,060	IP54	RS-232

OFFSET CENTERLINE DIGITAL CALIPER IP67



Item No	Range	Resolution	Accuracy	Lubrication system	Waterproof	Data output
	mm	mm	mm			Wireless
141730153	20-170	0,01	±0,030	+	IP67	-
141731154	20-170	0,01	±0,030	+	IP67	max 30m
141730203	20-220	0,01	±0,040	+	IP67	-
141731204	20-220	0,01	±0,040	+	IP67	max 30m
141730303	30-330	0,01	±0,060	+	IP67	-
141731304	30-330	0,01	±0,060	+	IP67	max 30m

OFFSET CENTERLINE INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	Waterproof	Functions	Data output
	mm	mm	mm			USB Wireless
141730157	20-170	0,001	±0,025	IP65	Error & Temp comp.	+ max 50 m
141730207	20-220	0,001	±0,030	IP65	Preset. Memory	+ max 50 m
141730307	30-330	0,001	±0,040	IP65	Max/Min Limits	+ max 50 m

4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION

µm

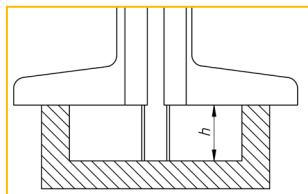
WIRELESS
DATA TRANSFER

8N

FORCE CONTROL

DEPTH CALIPER

- Patent US 10184772, UA104879, UA99687, UA128692, US126928 by MICROTECH
- For depth 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)
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



DEPTH DIGITAL CALIPER IP54

Item No	Range	Resolution	Accuracy	Base	Waterproof	Data output
	mm	mm	mm	mm		
1432010151	0-150	0,005	±0,03	102	IP-54	RS-232
1432010201	0-200	0,005	±0,03	102	IP-54	RS-232
1432010301	0-300	0,005	±0,04	102	IP-54	RS-232



DEPTH DIGITAL CALIPER IP67



Item No	Range	Resolution	Accuracy	Base	Lubrication system	Waterproof	Data output
	mm	mm	mm	mm			Wireless
1432010153	0-150	0,01	±0,03	102	+	IP-67	-
1432010154	0-150	0,01	±0,03	102	+	IP-67	max 30m
1432010203	0-200	0,01	±0,03	102	+	IP-67	-
1432010204	0-200	0,01	±0,03	102	+	IP-67	max 30m
1432010303	0-300	0,01	±0,04	102	+	IP-67	-
1432010304	0-300	0,01	±0,04	102	+	IP-67	max 30m

DEPTH INTELLIGENT COMPUTERIZED CALIPER



Item No	Range	Resolution	Accuracy	Base	Waterproof	Functions	Data output
	mm	mm	mm	mm			USB Wireless
1432010157	0-150	0,001	±0,02	102	IP65	Error & Temp comp. Preset. Memory Max/Min Limits	+ max 50 m
1432010207	0-200	0,001	±0,02	102	IP65		+ max 50 m
1432010307	0-300	0,001	±0,03	102	IP65		+ max 50 m
1432010508	0-500	0,001	±0,04	102	IP65		+ max 50 m

4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION

µm

WIRELESS
DATA TRANSFER

8N

FORCE CONTROL



MICROTECH

since 1995



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ISO 17025

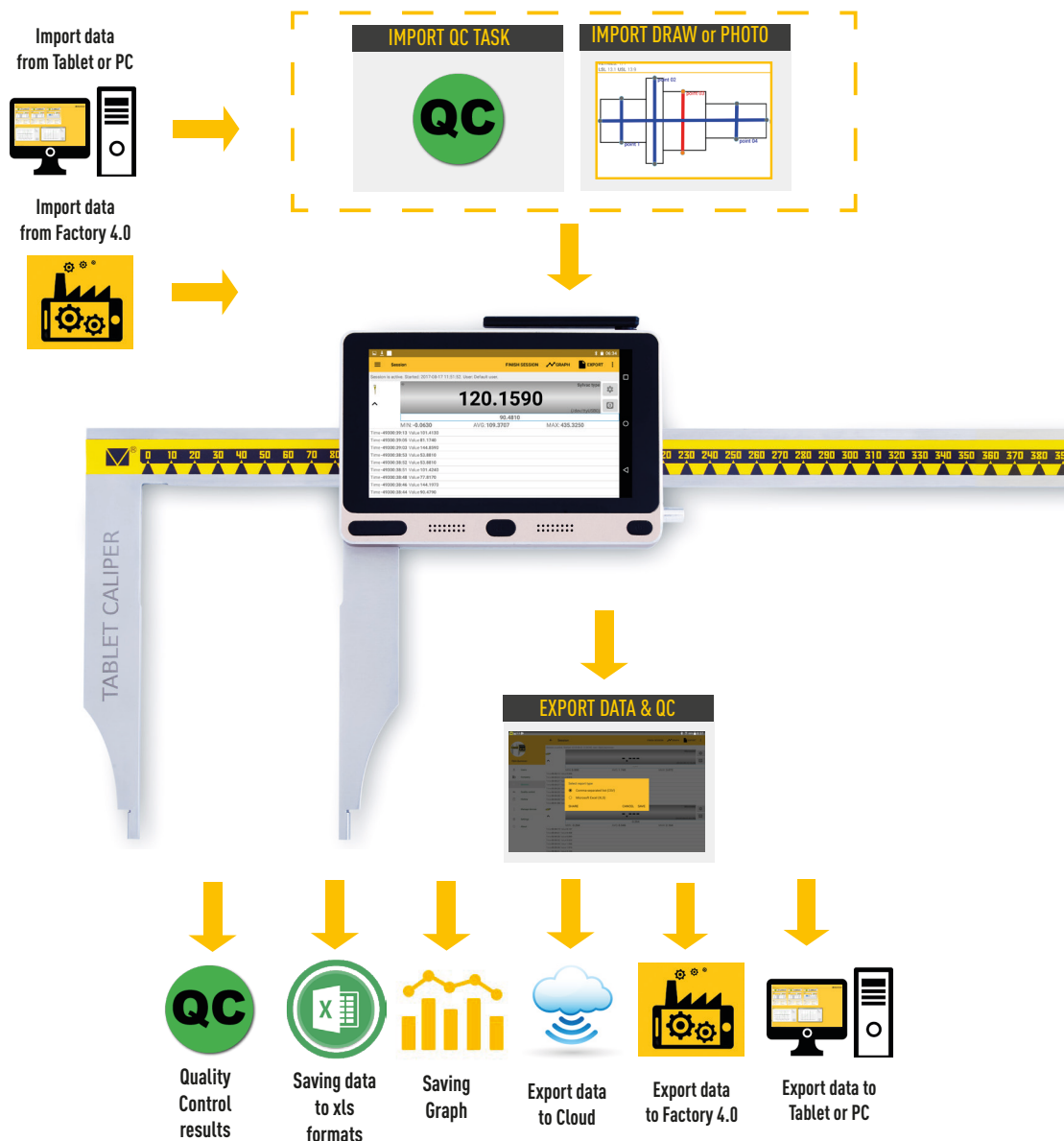


ISO 9001

BUREAU VERITAS
Certification
ISO 9001:2015

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

1 μm

RESOLUTION

IP65

PROTECTION

μm

WIRELESS
DATA TRANSFER

8N

FORCE CONTROL

Go
NoGo

TOLERANCE FUNCTION

Item No	Range	Jaw length	Resolution	Accuracy	Measuring force	Quality control module
141098052	0-500	150	0,001	$\pm 0,015$	15	+
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 INTELLIGENT COMPUTERIZED CALIPER

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

Al
Cu
Fe
Fe

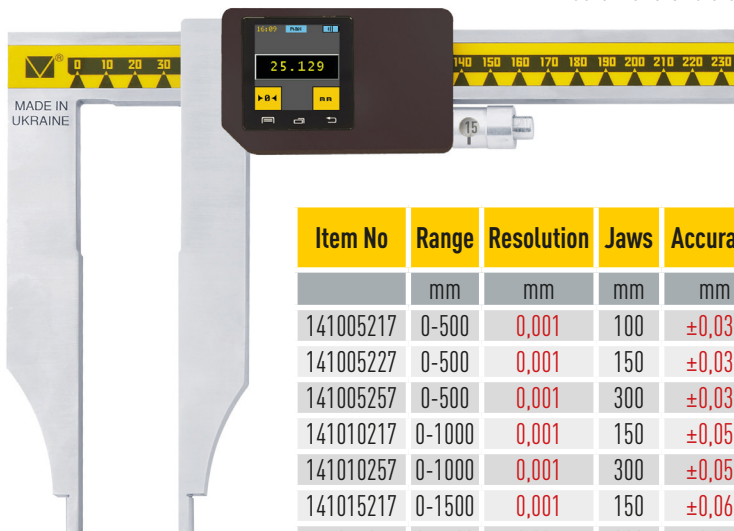
TEMPERATURE
COMPENSATION

ERROR COMPENSATION

- 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)



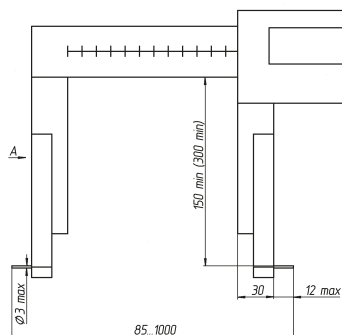
max 30 m
data transfer distance



Free Software for Windows, Android, iOS

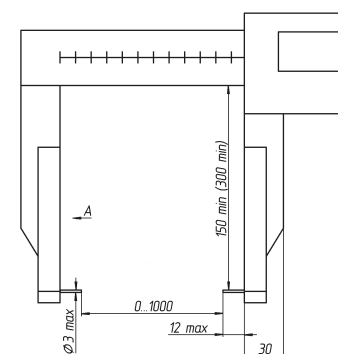
Item No	Range	Resolution	Jaws	Accuracy	Measuring force	Functions	Data output	
							USB	Wireless
141005217	0-500	0,001	100	±0,030	15N	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
141005227	0-500	0,001	150	±0,030	15N		+	max 50 m
141005257	0-500	0,001	300	±0,030	25N		+	max 50 m
141010217	0-1000	0,001	150	±0,050	15N		+	max 50 m
141010257	0-1000	0,001	300	±0,050	25N		+	max 50 m
141015217	0-1500	0,001	150	±0,060	15N		+	max 50 m
141015257	0-1500	0,001	300	±0,060	25N		+	max 50 m
141020217	0-2000	0,001	150	±0,060	15N		+	max 50 m
141020257	0-2000	0,001	300	±0,060	25N		+	max 50 m

LONG JAW COMPUTERIZED CALIPER FOR INTERNAL MEASUREMENTS



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

LONG JAW COMPUTERIZED CALIPER FOR EXTERNAL MEASUREMENTS



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



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ISO 17025



ISO 9001

ISO 9001:2015

PRECISION LONG JAW DIGITAL CALIPER

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



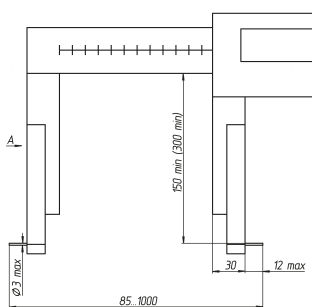
Item No	Range	Resolution	Jaws	Accuracy	Data output
	mm	mm	mm	mm	
141105111	0-500	0,01	100	±0,050	-
141105121	0-500	0,01	150	±0,050	-
141105151	0-500	0,01	300	±0,050	-
141110111	0-1000	0,01	150	±0,080	-
141110151	0-1000	0,01	300	±0,080	-
141115111	0-1500	0,01	150	±0,080	-
141115151	0-1500	0,01	300	±0,080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

PRECISION LONG JAW FORCE DIGITAL CALIPER



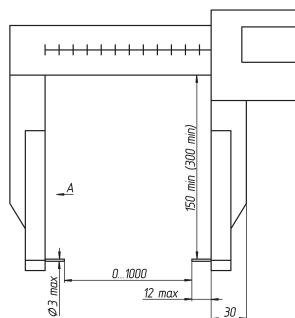
Item No	Range	Resolution	Jaws	Accuracy	Measuring force	Data output
	mm	mm	mm	mm	N	
141005211	0-500	0,01	100	±0,030	15N	-
141005221	0-500	0,01	150	±0,030	15N	-
141005251	0-500	0,01	300	±0,030	25N	-
141010211	0-1000	0,01	150	±0,050	15N	-
141010251	0-1000	0,01	300	±0,050	25N	-
141015211	0-1500	0,01	150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

LONG JAW DIGITAL CALIPER FOR INTERNAL MEASUREMENTS



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

LONG JAW DIGITAL CALIPER FOR EXTERNAL MEASUREMENTS



Item No	Range	Resolution	Jaws	Accuracy	Functions	Data output
	mm	mm	mm	mm		USB Wireless
141405121	0-500	0,01	150	±0,045	Preset	- -
141405151	0-500	0,01	300	±0,055		- -
141410121	0-1000	0,01	150	±0,070		- -
141410151	0-1000	0,01	300	±0,080		- -

WIRELESS LONG JAW CALIPER

- Modification with Force control module for precision measurings
- 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	Jaws	Accuracy	Data output
	mm	mm	mm	mm	Wireless
141105112	0-500	0,01	100	±0,050	max 30 m
141105122	0-500	0,01	150	±0,050	max 30 m
141105152	0-500	0,01	300	±0,050	max 30 m
141110112	0-1000	0,01	150	±0,080	max 30 m
141110152	0-1000	0,01	300	±0,080	max 30 m
141115112	0-1500	0,01	150	±0,080	max 30 m
141115152	0-1500	0,01	300	±0,080	max 30 m
141120112	0-2000	0,01	300	±0,100	max 30 m
141120152	0-2000	0,01	300	±0,100	max 30 m

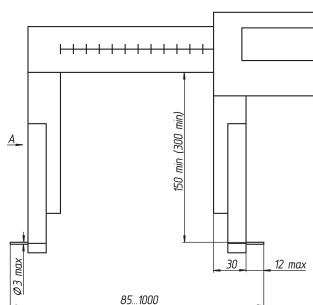
WIRELESS LONG JAW FORCE CALIPER



Free Software for Windows, Android, iOS

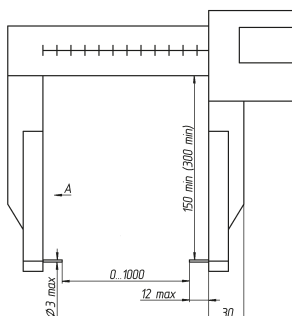
Item No	Range	Resolution	Jaws	Accuracy	Measuring force	Data output
	mm	mm	mm	mm	N	Wireless
141005212	0-500	0,01	100	±0,030	15N	max 30 m
141005222	0-500	0,01	150	±0,030	15N	max 30 m
141005252	0-500	0,01	300	±0,030	25N	max 30 m
141010212	0-1000	0,01	150	±0,050	15N	max 30 m
141010252	0-1000	0,01	300	±0,050	25N	max 30 m
141015212	0-1500	0,01	150	±0,060	15N	max 30 m
141015252	0-1500	0,01	300	±0,060	25N	max 30 m
141020212	0-2000	0,01	150	±0,060	15N	max 30 m
141020252	0-2000	0,01	300	±0,060	25N	max 30 m

WIRELESS LONG JAW CALIPER FOR INTERNAL MEASURINGS



Item No	Range	Resolution	Jaws	Accuracy	Functions	Data output
	mm	mm	mm	mm		Wireless
141305122	75-500	0,01	150	±0,045	Preset	max 30 m
141305152	75-500	0,01	300	±0,055		max 30 m
141310122	85-1000	0,01	150	±0,070		max 30 m
141310152	85-1000	0,01	300	±0,080		max 30 m

WIRELESS LONG JAW CALIPER FOR EXTERNAL MEASURINGS



Item No	Range	Resolution	Jaws	Accuracy	Functions	Data output
	mm	mm	mm	mm		Wireless
141405122	0-500	0,01	150	±0,045	Preset	max 30 m
141405152	0-500	0,01	300	±0,055		max 30 m
141410122	0-1000	0,01	150	±0,070		max 30 m
141410152	0-1000	0,01	300	±0,080		max 30 m



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MICRON LONG JAW INTELLIGENT COMPUTERIZED CALIPER

- 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)
- 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)



Item No	Range	Resolution	Jaws	Accuracy	Weight	Functions	Data output	
							USB	Wireless
142305243	0-500	0,001	200	±0,020	2,7	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
142305343	0-500	0,001	300	±0,025	2,9		+	max 50 m
142305443	0-450	0,001	400	±0,030	3,3		+	max 50 m
142311243	0-1100	0,001	200	±0,030	3,5		+	max 50 m
142311443	0-1050	0,001	400	±0,040	3,9		+	max 50 m
142315243	0-1500	0,001	200	±0,040	5,2		+	max 50 m
142315443	0-1500	0,001	400	±0,050	5,6		+	max 50 m
142115152	0-1500	0,001	500	±0,065	19		+	max 50 m
142115182	0-1500	0,001	800	±0,085	20		+	max 50 m
142120132	0-2000	0,001	300	±0,060	10,5		+	max 50 m
142120152	0-2000	0,001	500	±0,085	23		+	max 50 m
142120102	0-2000	0,001	1000	±0,120	26		+	max 50 m
142125132	0-2500	0,001	300	±0,090	13,3		+	max 50 m
142125152	0-2500	0,001	500	±0,105	26		+	max 50 m
142125102	0-2500	0,001	1000	±0,140	29		+	max 50 m
142130132	0-3000	0,001	300	±0,100	15,4		+	max 50 m
142130152	0-3000	0,001	500	±0,110	28		+	max 50 m
142130102	0-3000	0,001	1000	±0,160	32		+	max 50 m
142135132	0-3500	0,001	300	±0,120	17,4		+	max 50 m
142135152	0-3500	0,001	500	±0,160	33		+	max 50 m
142135102	0-3500	0,001	1000	±0,240	37		+	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

TRANSFORMER INTELLIGENT COMPUTERIZED CALIPER

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

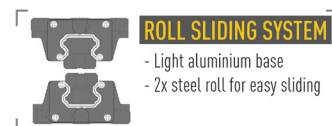
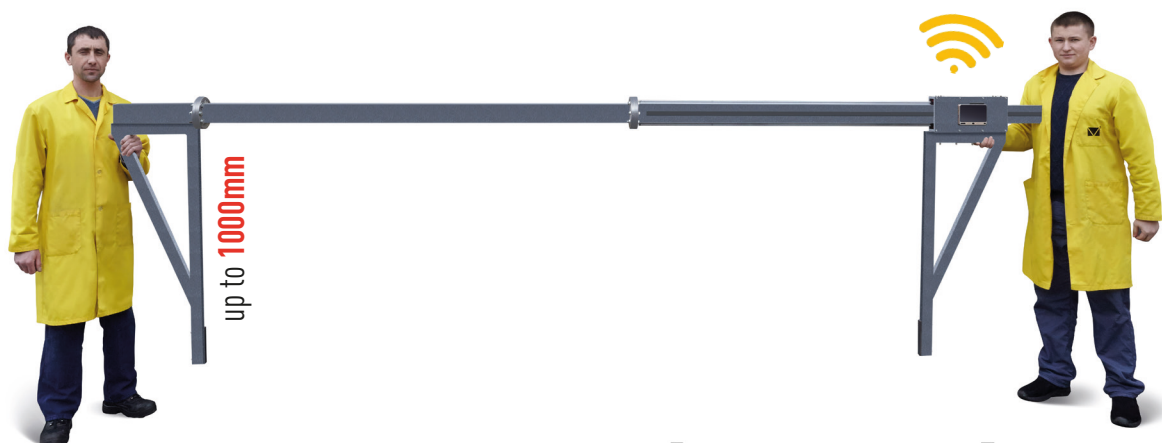
FORMULA MODE

AI
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

- Patent US10184772, UA103318, UA110139, UA112254, UA111194, UA117732, UA104870 by MICROTECH
- Measuring range up to 10 meters
- Modular design (Measuring part (2000mm) + adding 2000mm modules)
- Construction with rolls (Aluminium base with roll sliding system)
- 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)



Item No	Total Range	Measuring Range	Jaws	Accuracy	Weight	Extra Module	Functions	Data output	
	mm	mm	mm	mm	kg	pcs		USB	Wireless
141095043	0-4000	2000+	400	±0,18	29	1	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50 m
141095046	0-4000	2000+	600	±0,20	29,5	1		+	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
141095066	0-6000	2000+	600	±0,23	36	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
141095086	0-8000	2000+	600	±0,27	42,5	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
141095106	0-10000	2000+	600	±0,32	50	4		+	max 50 m
141095109	0-10000	2000+	1000	±0,38	51,5	4		+	max 50 m



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ISO 17025



ISO 9001

ISO 9001:2015

MICRON INTELLIGENT COMPUTERIZED SCALE

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA 21314, UA122165, UA126928 by MICROTECH
- Construction with rolls (Aluminium base with roll sliding system)
- 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 70 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

Item No	Range	Resolution	Accuracy	Material	Beam section	Weight	Functions	Data output	
	mm	mm	mm		mm	kg		USB	Wireless
142501141	0-150	0,001	±0,007	St. steel	14x3.5	0,25	Error & Temp comp.	+	max 50 m
142502141	0-200	0,001	±0,010	St. steel	14x3.5	0,28	Preset. Memory	+	max 50 m
142503141	0-300	0,001	±0,015	St. steel	14x3.5	0,35	Max/Min Limits	+	max 50 m



ROLL SLIDING SYSTEM

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



Free Software for Windows, Android, iOS

Item No	Range	Resolution	Accuracy	Roll guides	Material	Beam section	Weight	Functions	Data output	
	mm	mm	mm			mm	kg		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

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

Al
Fe
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

TRANSFORMER FRAME INTELLIGENT COMPUTERIZED CALIPER

4.0

INDUSTRY 4.0
READY

1µm

RESOLUTION

IP65

PROTECTION



WIRELESS
DATA TRANSFER

8N
I

FORCE CONTROL



TOLERANCE FUNCTION



MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE



TEMPERATURE
COMPENSATION

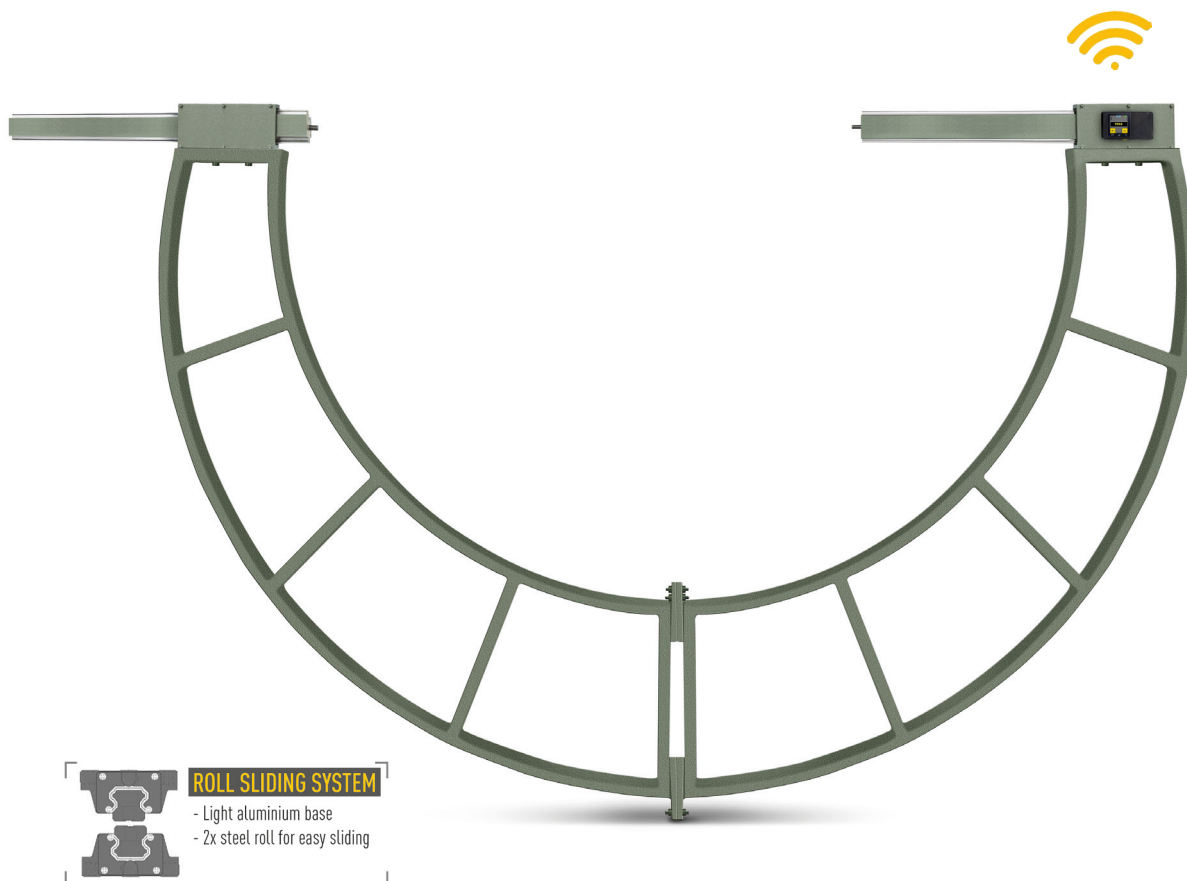


ERROR COMPENSATION

- 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



Item No	Range			Resolution	Accuracy	Weight	Functions	Data output	
	Common	Anvil	Stem					USB	Wireless
	mm	mm	mm	mm	mm	kg			
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



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ISO 17025



ISO 9001:2015

MICRON INTELLIGENT COMPUTERIZED FORCE HEIGHT GAUGE



Force module
for quick
measurements

- Patent US10184772, UA 99687, UA103318, UA104879, UA112254, UA 126928 by MICROTECH
- Force control module for quick and precision measuring
- 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)

Item No	Range	Resolution	Accuracy	Force control	Base	Functions	Data output	
							USB	Wireless
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

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

Al
Fe
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

MICRON INTELLIGENT COMPUTERIZED HEIGHT GAUGE FOR CYLINDRICAL OBJECTS

- Patent UA99687, UA103982, UA126928, UA131637 by MICROTECH
- 2 axis computerized height gauge for geometrical parameters of cylindrical objects control (bottles, tubes)
- 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		Functions	Data output	
	Horiz.	Vertical.		Horiz.	Vertical.		USB	Wireless
27733300	0-200	0-300	0,001	±0,040	±0,020	Error & Temp comp. Preset. Memory	+	max 50 m
27733600	0-400	0-600	0,001	±0,055	±0,035	Max/Min Limits	+	max 50 m



MICRON INTELLIGENT COMPUTERIZED FORCE HEIGHT GAUGE

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, UA126928, UA202002000 by MICROTECH
- Fine adjustment wheel with Force control module
- 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	Fine adjust. wheel with Force	Functions	Data output	
						USB	Wireless
1443030263	0-300	0,001	±0,020	8N	Error & Temp comp. Preset.	+	max 50 m
1443050263	0-500	0,001	±0,030	8N	Memory Max/Min	+	max 50 m
1443060263	0-600	0,001	±0,030	8N	Limits	+	max 50 m

MICRON INTELLIGENT COMPUTERIZED FORCE HEIGHT GAUGE (GRANITE BASE)



GRANITE BASE
GR.00



FORCE CONTROL
MODULE

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



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TABLET 4.0 MICRON COMPUTERIZED FORCE HEIGHT GAUGE

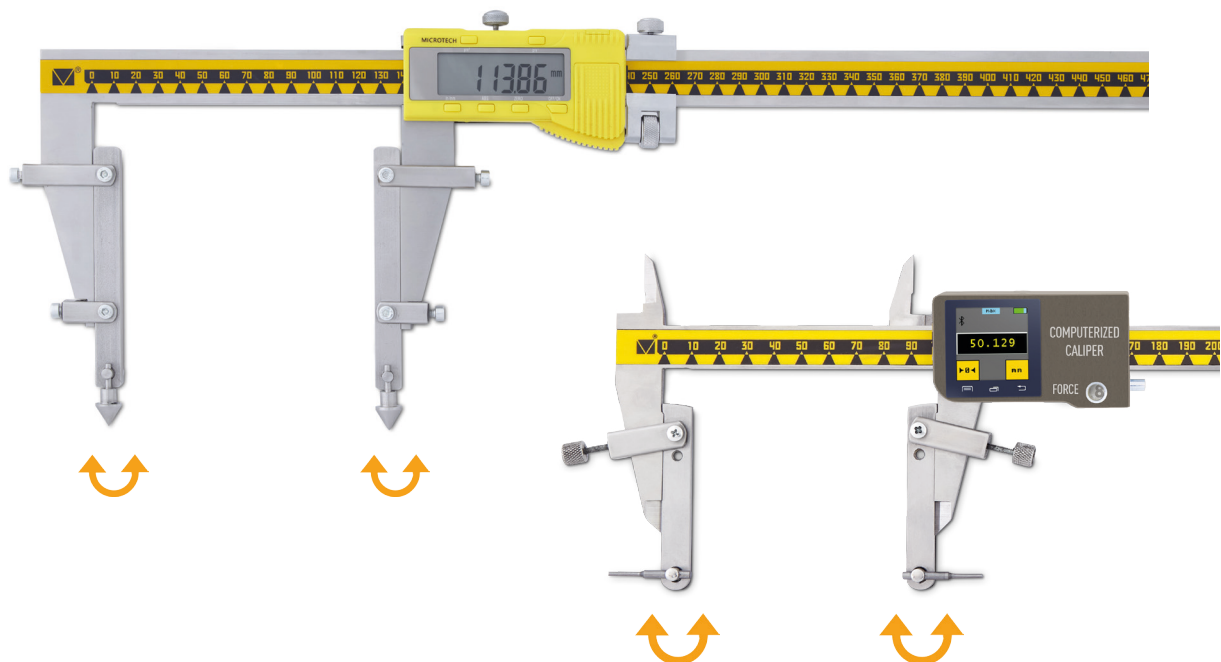
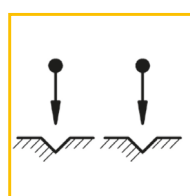
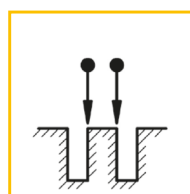
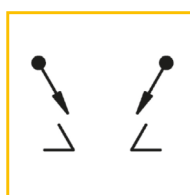
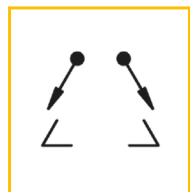
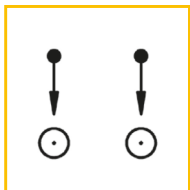
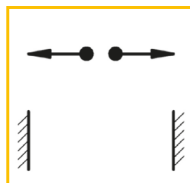
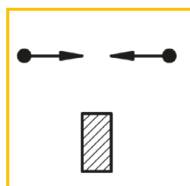
- Patent US10184772, UA99687, UA131637, UA202002000 by MICROTECH
- Extra-High accuracy up to $\pm 15\mu\text{m}$ (on 500mm range)
- Quality Control system with possibility import/export tasks, setails draws & photos
- Export measuring results to USB, PC, Tablets (Industry 4.0 ready)
- Graphical mode 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)



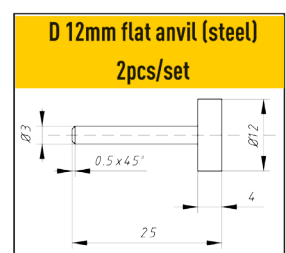
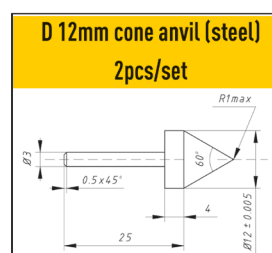
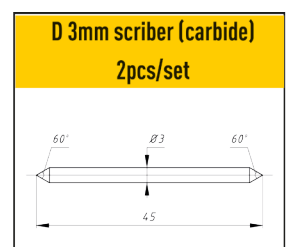
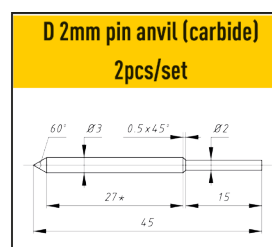
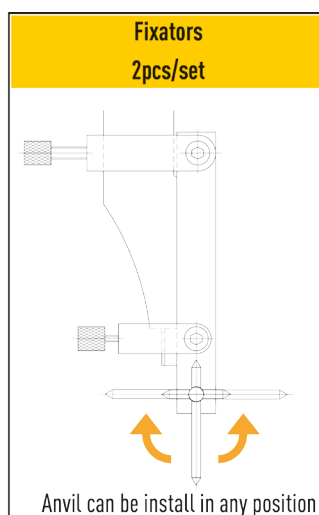
Item No	Range	Resolution	Accuracy	Indication	Quality control module	Import draw/photo	Fine adjustment wheel with Force	Force control
	mm	mm	mm					
1443030291	0-300	0,001	$\pm 0,030$	5" Colour	+	+	8N	
1443050291	0-500	0,001	$\pm 0,030$	5" Colour	+	+	8N	
1443060291	0-600	0,001	$\pm 0,030$	5" Colour	+	+	8N	
1443100281	0-1000	0,001	$\pm 0,040$	5" Colour	+	+	-	12N
1443150281	0-1500	0,001	$\pm 0,050$	5" Colour	+	+	-	12N

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	+	+	+	+	+



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ISO 17025



ISO 9001:2015

SUB-MICRON INTELLIGENT COMPUTERIZED MICROMETER IP65

- 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)



0.1 μm

max 50 m
data transfer distance



Free Software for Windows, Android, iOS

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output	
						USB	Wireless
110180258	0-25	0,0001	$\pm 0,0015$	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	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

SUB-MICRON INTELLIGENT COMPUTERIZED MICROMETER HEAD



0.1 μm



Free Software for Windows, Android, iOS

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

4.0

INDUSTRY 4.0
READY

0.1 μm

RESOLUTION

IP65

PROTECTION



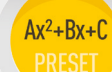
WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



SUB-MICRON UNIVERSAL COMPUTERIZED MICROMETER IP65

4.0

INDUSTRY 4.0
READY

0.1 μm

RESOLUTION

IP65

PROTECTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION

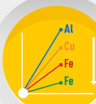
1000 values



MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION

- Patent UA99688, UA103981, UA126928, UA124020, W02016124992 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)

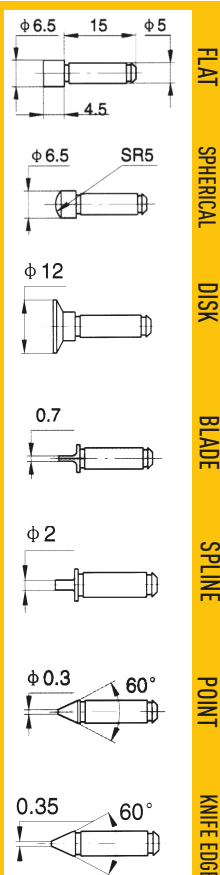
NON-ROTATING SPINDLE



0.1 μm



Item No	Range	Resolution	Accuracy	Protection class	Anvils in set	Data output	Data output	
							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



SUB-MICRON INTELLIGENT COMPUTERIZED MICROMETER HEAD



0.1 μm

NON-ROTATING SPINDLE



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



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ISO 17025

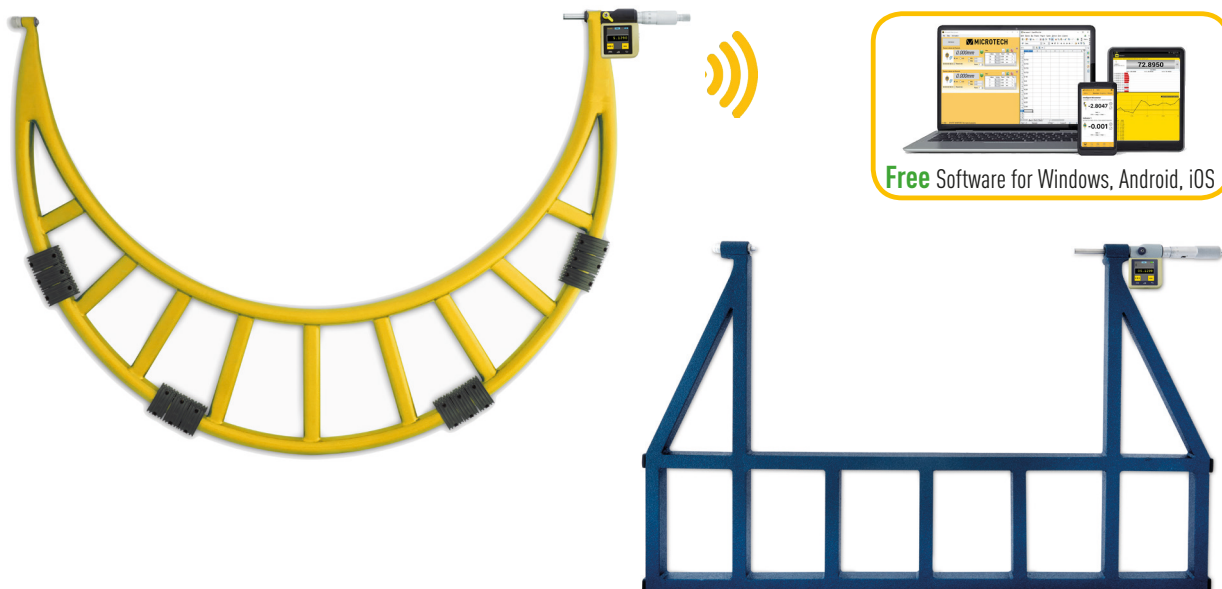


ISO 9001

ISO 9001:2015

WIDE RANGE INTELLIGENT COMPUTERIZED MICROMETER

- Patent UA99688, UA103981, UA126928, UA112291, UA1162316, UA124020, W02016124992 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)



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

Δt
ΔC
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output	
						USB	Wireless
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	
						USB	Wireless
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

TRANSFORMER INTELLIGENT COMPUTERIZED MICROMETER

4.0

INDUSTRY 4.0
READY

0.1 μm

RESOLUTION

IP65

PROTECTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE



TEMPERATURE
COMPENSATION



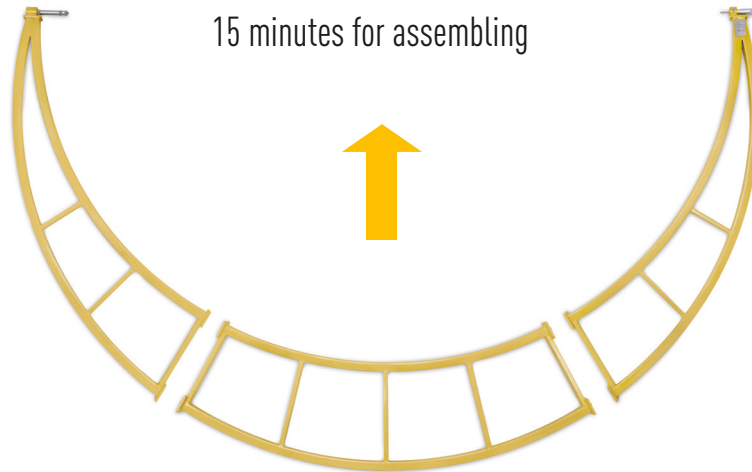
ERROR COMPENSATION

- Patent UA 99688, UA103981, UA126926, UA108044, UA112291, UA116231, W02016124992 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)

VIDEO



Free Software for Windows, Android, iOS



15 minutes for assembling



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



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ISO 17025



ISO 9001:2015

PRECISION DIGITAL MICROMETER

- 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)



Item No	Range	Resolution	Accuracy	Protection class	Data output
	mm	mm	mm		
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



Item No	Range	Resolution	Accuracy	Protection class	Data output
	mm	mm	mm		
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 MICROMETER IP65



Item No	Range	Resolution	Accuracy	Protection class	Data output
	mm	mm	mm		Wireless
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

IP54
PROTECTION

1 μm
RESOLUTION

IP65
PROTECTION

1 μm
RESOLUTION

IP65
PROTECTION

1 μm
RESOLUTION

WIRELESS
DATA TRANSFER

TUBE MICROMETER

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



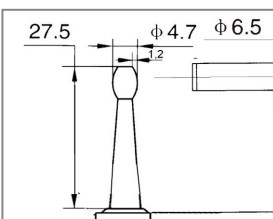
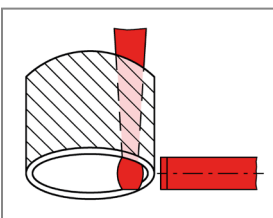
Item No	Range	Resolution	Accuracy	Proof	Data output
	mm	mm	mm		
1103500251	0-25	0,001	$\pm 0,003$	IP-54	RS-232
1103500501	25-50	0,001	$\pm 0,003$	IP-54	RS-232
1103500751	50-75	0,001	$\pm 0,003$	IP-54	RS-232
1103501001	75-100	0,001	$\pm 0,003$	IP-54	RS-232

SUB-MICRON TUBE INTELLIGENT COMPUTERIZED MICROMETER



Free Software for Windows, Android, iOS

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



0.1 μ m

RESOLUTION

IP65

PROTECTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



ERROR COMPENSATION



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ISO 17025

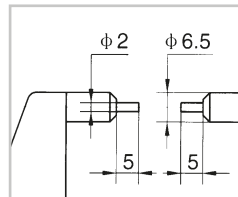
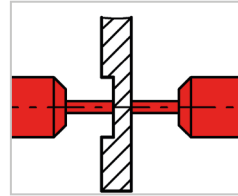


ISO 9001

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	$\pm 0,004$	IP-54	RS-232
1106500501	25-50	0,001	$\pm 0,004$	IP-54	RS-232
1106500751	50-75	0,001	$\pm 0,005$	IP-54	RS-232
1106501001	75-100	0,001	$\pm 0,005$	IP-54	RS-232

SUB-MICRON SMALL TIP INTELLIGENT COMPUTERIZED MICROMETER



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

0.1 μ m

RESOLUTION

IP65

PROTECTION

μ m

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

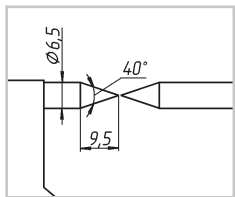
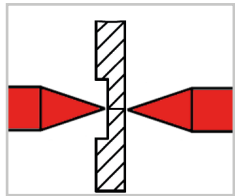
MEMORY MANAGER

Ax^2+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	$\pm 0,004$	IP-54	RS-232
1104500501	25-50	0,001	$\pm 0,004$	IP-54	RS-232
1104500751	50-75	0,001	$\pm 0,005$	IP-54	RS-232
1104501001	75-100	0,001	$\pm 0,005$	IP-54	RS-232

SUB-MICRON POINT INTELLIGENT COMPUTERIZED MICROMETER



Free Software for Windows, Android, iOS

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

0.1 μ m

RESOLUTION

IP65

PROTECTION

μ m

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE

ERROR COMPENSATION



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ISO 17025

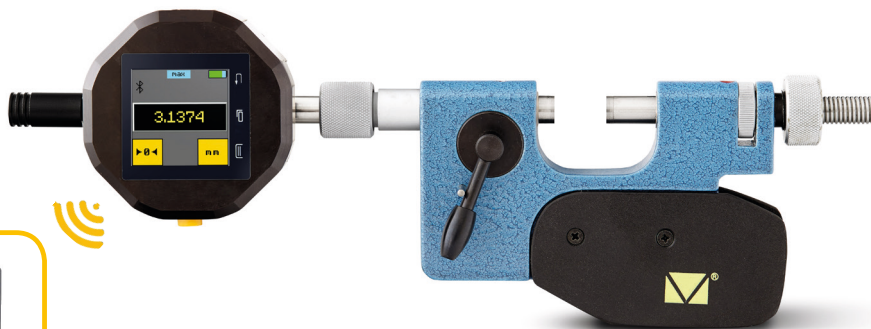


ISO 9001

ISO 9001:2015

SUB-MICRON INTELLIGENT COMPUTERIZED SNAP GAUGE

- 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

Item No	Range	Resolution	Accuracy	Protection class	Functions	Data output	
						USB	Wireless
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

SUB-MICRON INTELLIGENT COMPUTERIZED DEPTH MICROMETER

- 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

Item No	Range	Resolution	Accuracy	Base	Protection class	Functions	Data output	
							USB	Wireless
1109000258	0-150	0,0001	±0,004	100	IP-65	Error & Temp comp. Preset. Memory Max/Min Limits	+	max 50m
1109000508	0-300	0,0001	±0,006	100	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^2+Bx+C
PRESET

FORMULA MODE

Δt
ΔC
ΔFe

TEMPERATURE
COMPENSATION

Δt
ΔC
ΔFe

ERROR COMPENSATION

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)



FOR HOT SHEET METAL



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



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ISO 9001:2015

SUB-MICRON INTELLIGENT COMPUTERIZED INSIDE MICROMETER

- Patent UA99688, UA103981, UA126928, UA131637, WO2016124990 by MICROTECH
- For internal measurements
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data transfer to Windows, Android, iOS devices with distance up to 50 m (external antenna)
- USB connection to Windows PC in keyboard or normal mode (cable including)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Free Software for Windows, Android, iOS



4.0

INDUSTRY 4.0
READY

0.1 μ m

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION

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

SUB-MICRON PISTOL GRIP INTELLIGENT COMPUTERIZED BORE GAUGE

- 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)



VIDEO



Free Software for Windows, Android, iOS

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

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

SETS SUB-MICRON PISTOL GRIP COMPUTERIZED BORE GAUGE

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



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SUB-MICRON INTELLIGENT COMPUTERIZED THREE POINT INTERNAL MICROMETER

- 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)



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

SETS SUB-MICRON INTELLIGENT COMPUTERIZED THREE POINT INTERNAL MICROMETER

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

4.0
INDUSTRY 4.0
READY

0.1 μm
RESOLUTION

μm
WIRELESS
DATA TRANSFER

Go NoGo
TOLERANCE FUNCTION

1000 values
MEMORY MANAGER

Ax²+Bx+C
PRESET
FORMULA MODE

**TEMPERATURE
COMPENSATION**

ERROR COMPENSATION

BIG DEPTH INTELLIGENT COMPUTERIZED THREE POINT INTERNAL MICROMETER

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
Fe
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

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



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ISO 17025



ISO 9001:2015

SUB-MICRON INTELLIGENT COMPUTERIZED INDICATOR

- 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)



Item No	Range	Resolution	Accuracy	Functions	Data output	
	mm	mm	mm		USB	Wireless
120129133	0-12,5	0,0001	±0,006	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50m
120129135	0-12,5	0,0001	±0,003		+	max 50m
120129137	0-12,5	0,0001	±0,002		+	max 50m
120129138	0-12,5	0,0001	±0,0017		+	max 50m
120129253	0-25,4	0,0001	±0,007		+	max 50m
120129257	0-25,4	0,0001	±0,003		+	max 50m
120129258	0-25,4	0,0001	±0,002		+	max 50m
120129503	0-50,8	0,0001	±0,010		+	max 50m
120129507	0-50,8	0,0001	±0,004		+	max 50m
120129508	0-50,8	0,0001	±0,003		+	max 50m
120129903	0-100	0,0001	±0,015		+	max 50m
120129907	0-100	0,0001	±0,005		+	max 50m

SUB-MICRON INTELLIGENT COMPUTERIZED INDICATOR (EXTERNAL PROBE)



Item No	Range	Resolution	Accuracy	Cable lenght	Functions	Data output	
	mm	mm	mm	m		USB	Wireless
120129133L	0-12,5	0,0001	±0,006	2-10	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50m
120129135L	0-12,5	0,0001	±0,003	2-10		+	max 50m
120129137L	0-12,5	0,0001	±0,002	2-10		+	max 50m
120129253L	0-25,4	0,0001	±0,007	2-10		+	max 50m
120129257L	0-25,4	0,0001	±0,003	2-10		+	max 50m
120129503L	0-50,8	0,0001	±0,010	2-10		+	max 50m
120129507L	0-50,8	0,0001	±0,004	2-10		+	max 50m
120129907L	0-100	0,0001	±0,005	2-10		+	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

PRECISION DIGITAL INDICATOR

1 μ m

RESOLUTION

- 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
	mm	mm	mm	N	
120126131	0-13	0,01	$\pm 0,010$	1,3-2,0	Digital
120128132	0-13	0,001	$\pm 0,003$	1,3-2,0	Digital
120127132	0-13	0,001	$\pm 0,003$	1,3-2,0	Digital+Analog
120127133	0-13	0,001	$\pm 0,002$	1,3-2,0	Digital+Analog
120126251	0-25,4	0,01	$\pm 0,010$	1,3-2,0	Digital
120127252	0-25,4	0,001	$\pm 0,003$	1,3-2,0	Digital+Analog
120127502	0-50,8	0,001	$\pm 0,005$	1,3-2,0	Digital+Analog

WIRELESS DIGITAL INDICATOR

1 μ m

RESOLUTION

μ m

WIRELESS
DATA TRANSFER

- Large display with Digital or Digital-Analog scale
- Integrated Wireless Low Energy data transfer to Windows, Android, iOS devices with distance up to 20 m
- SPC software for Windows, Android, iOS devices for **FREE**
- 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)



Free Software for Windows, Android, iOS

Item No	Range	Resolution	Accuracy	Measuring force	Scale	Data output
	mm	mm	mm	N		Wireless
120126136	0-13	0,01	$\pm 0,010$	1,3-2,0	Digital	max 15m
120128136	0-13	0,001	$\pm 0,010$	1,3-2,0	Digital	max 15m
120127137	0-13	0,001	$\pm 0,003$	1,3-2,0	Digital+Analog	max 15m
120127138	0-13	0,001	$\pm 0,002$	1,3-2,0	Digital+Analog	max 15m
120127257	0-25,4	0,001	$\pm 0,003$	1,3-2,0	Digital+Analog	max 15m
120127507	0-50,8	0,001	$\pm 0,005$	1,3-2,0	Digital+Analog	max 15m



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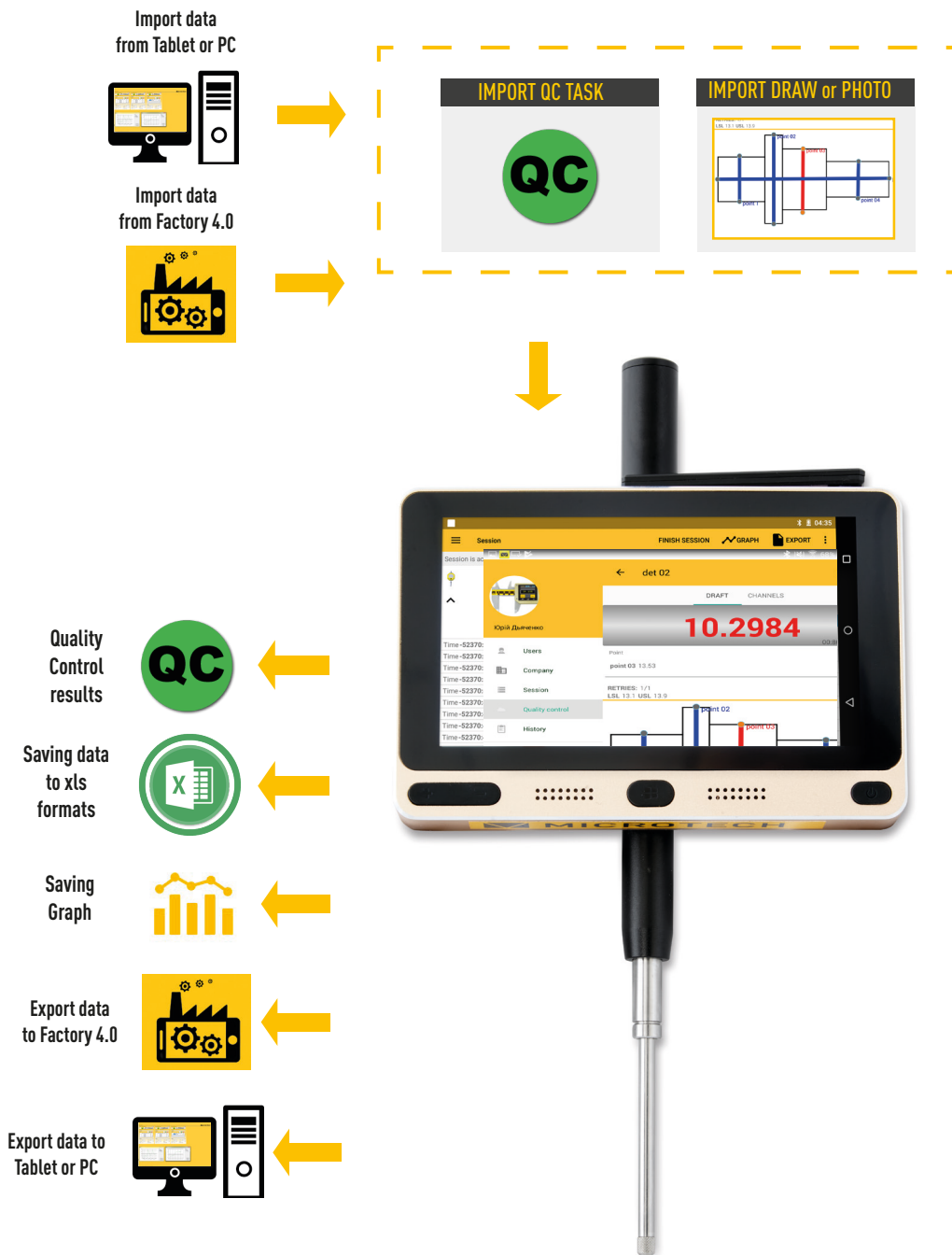
ISO 17025



ISO 9001:2015

TABLET 4.0 COMPUTERIZED INDICATOR

- Patent UA99686, UA126928, UA103982, UA131637, WO2016124990 by MICROTECH
- Extra-High accuracy up to $\pm 2\mu\text{m}$
- 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

1 μm
RESOLUTION

μm
WIRELESS
DATA TRANSFER

1000 values
MEMORY MANAGER

**Go
NoGo**
TOLERANCE FUNCTION

Item No	Range	Resolution	Accuracy	Quality control module	Export data		
	mm	mm	mm		Graphic	*.xls format	Cloud
120129132	0-12,5	0,001	$\pm 0,002$	+	+	+	option
120129252	0-25	0,001	$\pm 0,002$	+	+	+	option
120129502	0-50	0,001	$\pm 0,003$	+	+	+	option
120129902	0-100	0,001	$\pm 0,004$	+	+	+	option

INTELLIGENT COMPUTERIZED DISPLAY FOR INDUCTIVE PROBES

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
Fe

TEMPERATURE
COMPENSATION

ERROR COMPENSATION

- 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

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

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

Item No	Common range	Indicator range	Resolution	Accuracy	Functions	Data output	
						USB	Wireless
128000130	0-30	0-13	0,01	±0,02	Preset	-	-
128000190	0-90	0-13	0,01	±0,03		-	-
128000230	0-30	0-13	0,001	±0,007		-	-
128000290	0-90	0-13	0,001	±0,010		-	-
128000730	0-30	0-12.5	0,0001	±0,006	Error comp. Temp.comp	+	max 50m
128000790	0-90	0-12.5	0,0001	±0,009	Preset. Memory Max/Min Limits	+	max 50m



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ISO 17025



ISO 9001

ISO 9001:2015

INTELLIGENT COMPUTERIZED CRANSHAFT TESTER

- 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

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

INTELLIGENT COMPUTERIZED CO-AXIAL CENTERING INDICATOR

- Patent UA99686, UA103982, UA126928, UA131637, W02016124990 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

Item No	Measuring range	Resolution	Accuracy	Complectation	Functions	Data output	
	mm	mm	mm			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

0.1µm

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



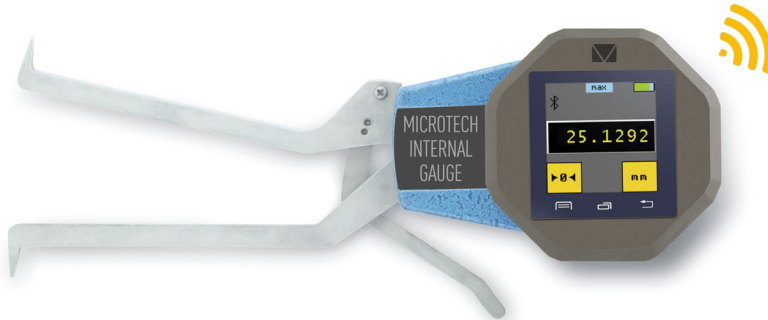
ERROR COMPENSATION



RECHARGEABLE
BATTERY

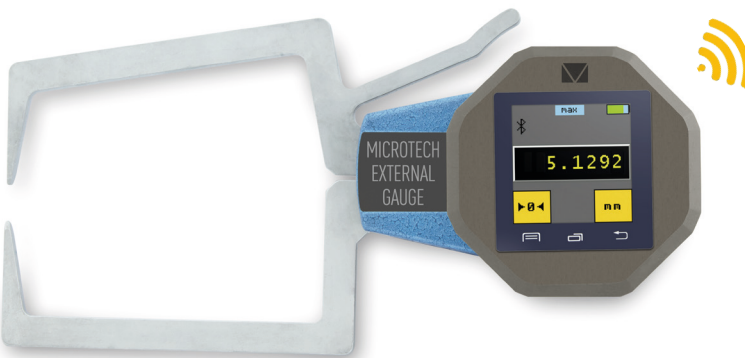
INTELLIGENT COMPUTERIZED GAUGE FOR INTERNAL MEASURING

- 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)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Functions	Data output	
					USB	Wireless
134102505	5-25	0,0002	±0,020	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
134103005	10-30	0,0002	±0,020		+	max 50 m
134104005	20-40	0,0002	±0,020		+	max 50 m
134105005	30-50	0,0002	±0,020		+	max 50 m
134106005	40-60	0,0002	±0,020		+	max 50 m

INTELLIGENT COMPUTERIZED GAUGE FOR EXTERNAL MEASURING



Item No	Range	Resolution	Accuracy	Functions	Data output	
					USB	Wireless
134202005	0-20	0,0002	±0,020	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
134203005	10-30	0,0002	±0,020		+	max 50 m
134204005	20-40	0,0002	±0,020		+	max 50 m
134205005	30-50	0,0002	±0,020		+	max 50 m
134206005	40-60	0,0002	±0,020		+	max 50 m

0.1µm

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



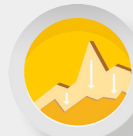
MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE
BATTERY



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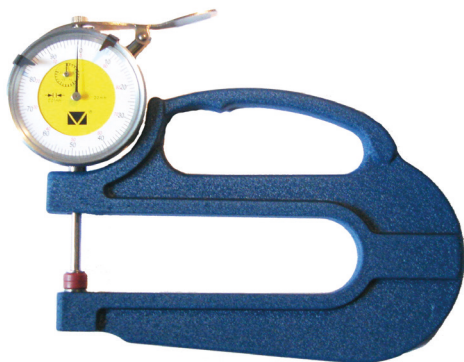
ISO 17025



ISO 9001:2015

DIAL THICKNESS GAUGES

- Different type of measuring faces and gauges form for customer requirement
- Modification with Dial, Digital indication head
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Depth	Resolution	Accuracy
	mm	mm	mm	mm
137001020	0-1	25	0,01	±0,005
137010120	0-10	120	0,01	±0,030
137010200	0-10	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	0-50	200	0,01	±0,050
137050300	0-50	300	0,01	±0,060
137100100	0-100	100	0,01	±0,040
137100200	0-100	200	0,01	±0,050

DIGITAL THICKNESS GAUGES



1 μ m
RESOLUTION

Item No	Range	Depth	Resolution	Accuracy
	mm	mm	mm	mm
137001021	0-1	25	0,001	±0,003
137010121	0-10	120	0,001	±0,012
137010201	0-10	200	0,001	±0,015
137020121	0-20	120	0,001	±0,015
137025201	0-25	200	0,001	±0,018
137050101	0-50	100	0,001	±0,015
137050201	0-50	200	0,001	±0,020
137050301	0-50	300	0,001	±0,025
137100101	0-100	100	0,001	±0,015
137100201	0-100	200	0,001	±0,020

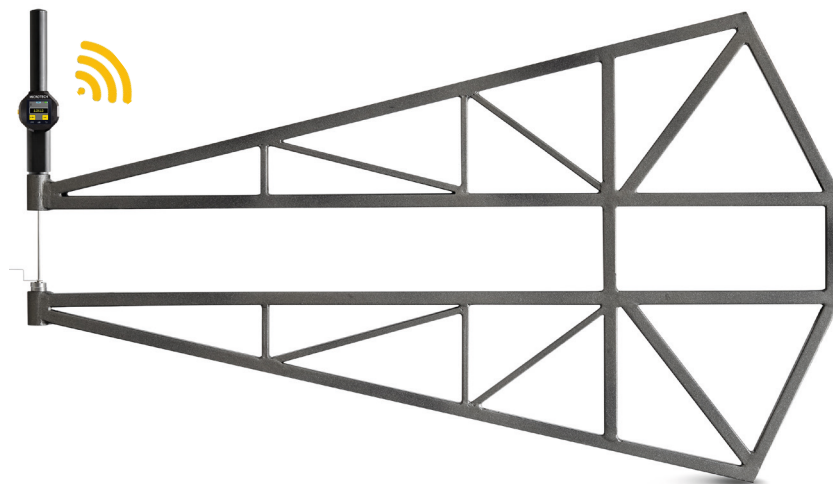
INTELLIGENT COMPUTERIZED THICKNESS GAUGES

- 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)



Item No	Range	Depth	Resolution	Accuracy	Functions	Data output	
						USB	Wireless
137001028	0-1	25	0,0001	±0,003	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
137010128	0-10	120	0,0001	±0,011		+	max 50 m
137020128	0-20	120	0,0001	±0,014		+	max 50 m
137025208	0-25	200	0,0001	±0,016		+	max 50 m
137050208	0-50	200	0,0001	±0,018		+	max 50 m
137050308	0-50	300	0,0001	±0,021		+	max 50 m
137100108	0-100	100	0,0001	±0,012		+	max 50 m
137100208	0-100	200	0,0001	±0,016		+	max 50 m

INTELLIGENT WIDE RANGE THICKNESS GAUGES



Item No	Range	Depth	Resolution	Accuracy	Functions	Data output	
						USB	Wireless
137025408	0-25	400	0,0001	±0,022	Error comp.Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
137050408	0-50	400	0,0001	±0,025		+	max 50 m
137050608	0-50	600	0,0001	±0,032		+	max 50 m
137050808	0-50	800	0,0001	±0,045		+	max 50 m
137100408	0-100	400	0,0001	±0,027		+	max 50 m
137100608	0-100	600	0,0001	±0,036		+	max 50 m
137100808	0-100	800	0,0001	±0,048		+	max 50 m

0.1µm

RESOLUTION

µm

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

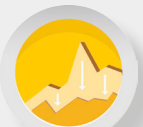
MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE
BATTERY



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ISO 17025



ISO 9001:2015

DIAL BORE GAUGE



- Dial indicator
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

VIDEO



Item No	Range	Resolution	Depth	Accuracy
	mm	mm	mm	mm
131010100	6-10	0,01	80	±0,008
131018100	10-18	0,01	100	±0,008
131050100	18-50	0,01	150	±0,012
131050111	18-50	0,01	500	±0,012
131160100	50-160	0,01	150	±0,015
131160111	50-160	0,01	500	±0,015
131250100	160-250	0,01	314	±0,015
131250111	160-250	0,01	500	±0,015
131450100	250-450	0,01	400	±0,022
131450111	250-450	0,01	400	±0,022
131800110	400-800	0,01	400	±0,030
131900111	700-1000	0,01	500	±0,030

PRECISION DIGITAL BORE GAUGE



- Electronic indicator with Digital-analog scale
- High accuracy
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Item No	Range	Resolution	Depth	Accuracy
	mm	mm	mm	mm
131010800	6-10	0,001	80	±0,003
131018800	10-18	0,001	100	±0,003
131050800	18-50	0,001	150	±0,003
131050811	18-50	0,001	500	±0,003
131160800	50-160	0,001	150	±0,003
131160811	50-160	0,001	500	±0,003
131250800	160-250	0,001	314	±0,005
131250811	160-250	0,001	500	±0,005
131450811	250-450	0,001	400	±0,008
131800810	400-800	0,001	400	±0,009
131900811	700-1000	0,001	500	±0,012

INTELLIGENT COMPUTERIZED BORE GAUGE



- Patent UA 99686, 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
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)

Item No	Range	Resolution	Depth	Accuracy	Functions	Data output	
	mm	mm	mm	mm		USB	Wireless
131010700	6-10	0,0001	80	±0,003	Error comp. Temp.comp Preset. Memory Max/Min Limits	+	max 50 m
131018700	10-18	0,0001	100	±0,003		+	max 50 m
131050700	18-50	0,0001	150	±0,003		+	max 50 m
131050711	18-50	0,0001	500	±0,003		+	max 50 m
131160700	50-160	0,0001	150	±0,003		+	max 50 m
131160711	50-160	0,0001	500	±0,003		+	max 50 m
131250700	160-250	0,0001	314	±0,005		+	max 50 m
131250711	160-250	0,0001	500	±0,005		+	max 50 m
131450711	250-450	0,0001	400	±0,008		+	max 50 m
131800710	400-800	0,0001	400	±0,009		+	max 50 m
131900711	700-1000	0,0001	500	±0,012		+	max 50 m

0.1µm

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE
BATTERY

TRANSFORMER INTELLIGENT 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, W02016124990 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)

VIDEO

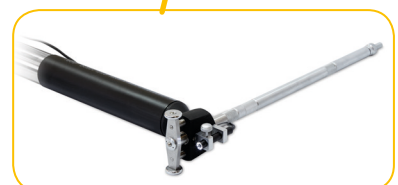


DEPTH UP TO 10m
MODULAR DESIGN



Free Software for Windows, Android, iOS

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 9001:2015

RADIUS RADIAL INTELLIGENT COMPUTERIZED GAUGE

- 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)

VIDEO



Free Software for Windows, Android, iOS

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 INTELLIGENT COMPUTERIZED GAUGE

- 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)

VIDEO



Free Software for Windows, Android, iOS

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 INTELLIGENT COMPUTERIZED GAUGE



RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



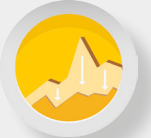
MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



RECHARGEABLE
BATTERY

- 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)



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.	+	max 50 m
1250511307	225-5500	0,001	>2500mm -1% 1000-2500mm -0,3% 225-1000mm -0,1%	300	Temp.comp 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 INTELLIGENT COMPUTERIZED GAUGE

- 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)



Item No	Radius Range	Base length	Accuracy	Functions	Data output	
					USB	Wireless
1250530256	60-2550	600	0,05%	Error comp.	+	max 50 m
1250531156	100-11200	1200	0,05%	Temp.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 INTELLIGENT COMPUTERIZED PROTRACTOR

- 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)
- Built in rechargeable Li-Pol battery
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



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

ADJUSTABLE INTELLIGENT COMPUTERIZED SPIRIT LEVEL

- Patent UA99686, UA103982, UA126928, UA131637, W02016124990 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)



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

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

UNIVERSAL CALIBRATION INTELLIGENT COMPUTERIZED STAND

0.1 μm

RESOLUTION

μm

WIRELESS
DATA TRANSFER

Go
NoGo

TOLERANCE FUNCTION

1000 values

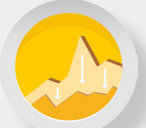
MEMORY MANAGER

Ax^2+Bx+C
PRESET

FORMULA MODE



TEMPERATURE
COMPENSATION



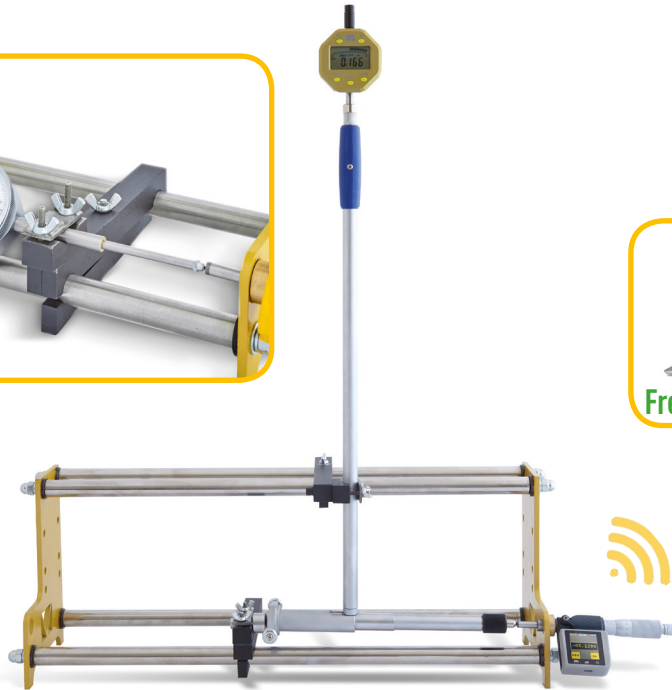
ERROR COMPENSATION



RECHARGEABLE
BATTERY

- Patent 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)

VIDEO



Free Software for Windows, Android, iOS

max 50 m
data transfer distance

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

DIAL INDICATOR CALIBRATION INTELLIGENT COMPUTERIZED STAND

VIDEO



Free Software for Windows, Android, iOS

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



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ISO 17025



ISO 9001

ISO 9001:2015

COMPUTERIZED STAND FOR PIPE STREIGHTNESS CONTROL

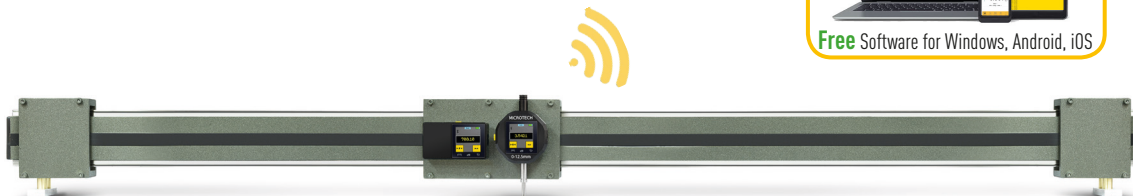
- Patent UA99686, UA103982, UA126928, UA131637, UA201909808 by MICROTECH
- 1 or 2 axis stand for pipe straightness control
- Built in micro computer with colour Touchscreen display 1,5"
- Functions: Go/NoGo, Max/Min, Memory manager, Mathematical & Temperature error compensation
- Built in Wireless data 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)



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 Preset. Memory Max/Min Limits	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		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 INTELLIGENT COMPUTERIZED STAND

- 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)



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 Preset. Memory Max/Min Limits	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		19	+	max 50 m
27723800	2D	0-3800	0-50	0,001	±0,160	±0,006		25	+	max 50 m

0.1 μm

RESOLUTION



WIRELESS
DATA TRANSFER



TOLERANCE FUNCTION



MEMORY MANAGER



FORMULA MODE



TEMPERATURE
COMPENSATION



ERROR COMPENSATION



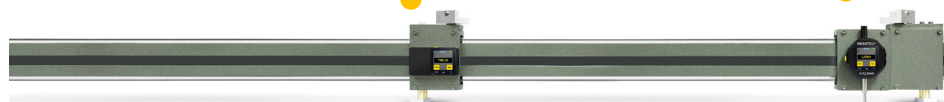
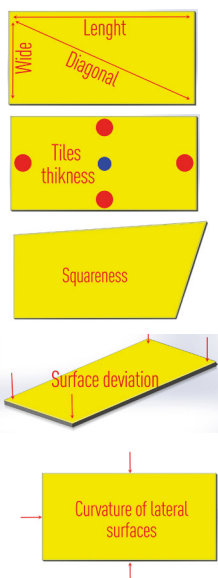
RECHARGEABLE
BATTERY

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)



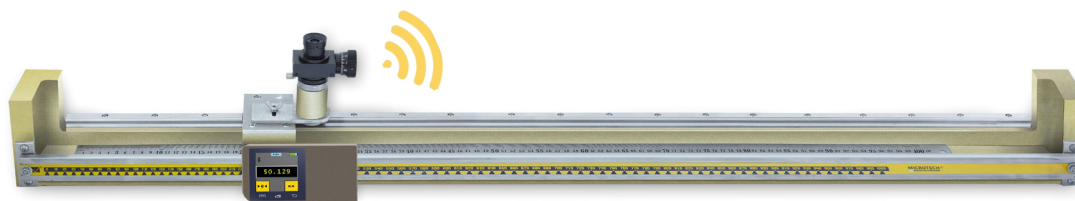
VIDEO



Item No	Range	Resolution	Accuracy	Weight	Functions	Data output		Quality control system
	mm	mm	mm	kg		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 INTELLIGENT 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)



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



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ISO 17025



ISO 9001

ISO 9001:2015



MICROTECH

innovative measuring instruments

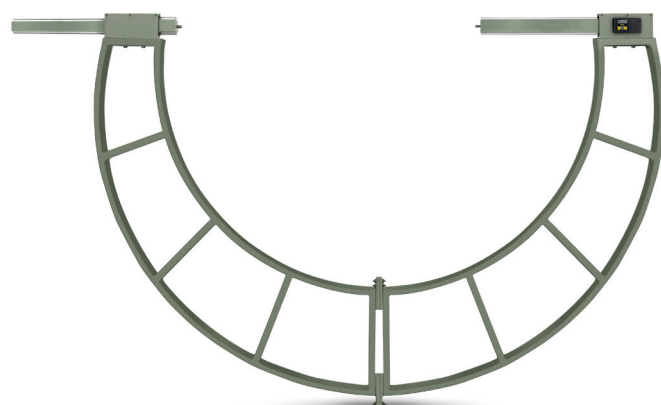
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