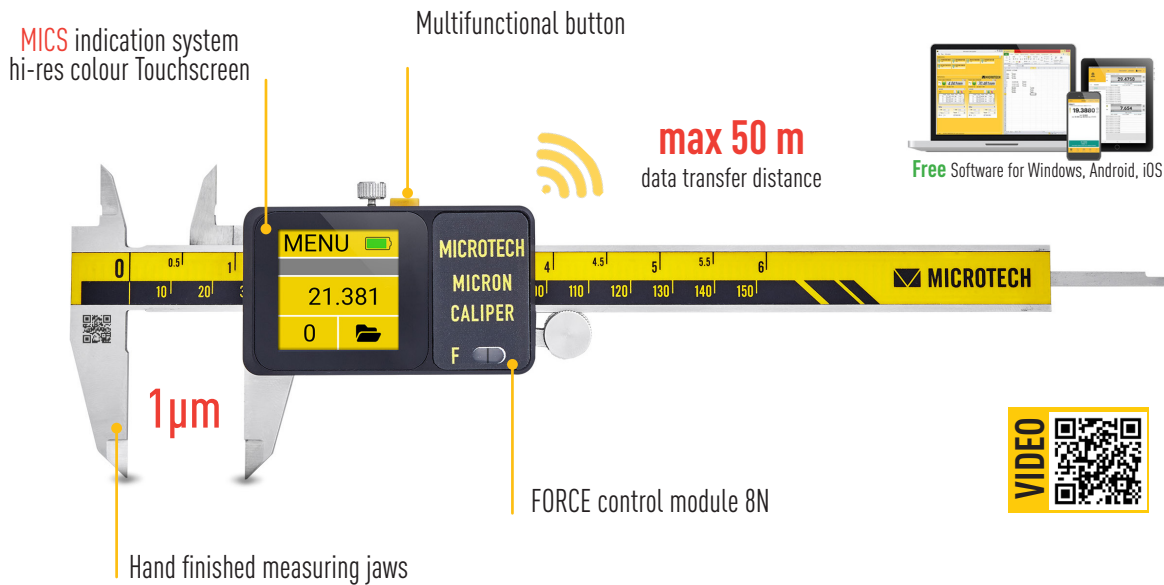


MICRON COMPUTERIZED CALIPER WIRELESS

- Patent US10184772, UA99687, UA103318, UA104879, UA112254, UA121314, by MICROTECH
- Extra-High accuracy up to $\pm 5\mu\text{m}$ on external jaws (internal and depth measurements according DIN862)
- Resolution 1 or 5 micron
- Modification with carbide tips on external and internal jaws.
- External **FORCE** control module 8N with indication
- **INTELLIGENT** computerized indication system **MICS** with colour touchscreen display adapted to Industry 4.0
- Functions: Go/NoGo, Max/Min, Memory, Statistic, Timer, Formula, mm/inch, Preset, Calibration date, Lock, Mathematical & Temperature error compensation, Switch off, Brighness, Rotation, Rechargeable Li-Pol battery
- **Wireless** data transfer to Windows, Android, iOS applications with distance up to **50 m**
- **FREE** version of software for Windows PC, Android, iOS tablets and smartphones
- Calibration certificate included (ISO17025 (Ilac MRA))



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

COMPUTERIZED MICS SYSTEM FUNCTIONS

MENU

-0.0000

0

TOUCHSCREEN OPERATION

ERGONOMIC MENU

ALL

+7.3563

-0.1109

+1.2293

+26.9993

-8.8673

INTERNAL MEMORY

Statistic

MAX: +26.999

MIN: 8.8673

AVG: +5.3213

D: +26.863

STATISTIC INFO

Resolution

X.0000

Millimeters

RESOLUTION UP TO 0,1 MICRON

MENU

-1.7210

0

COLOUR GO/NOGO

MENU

7.2241

0

MAX/MIN READING

Formula

$Ax+Bx+C$

Set Argv

FORMULA MODE (PRESET AND OTHER)

Temp.comp.

Glass, Quartz
Solid alloys, Mo

+00.00

TEMPERATURE COMPENSATION FOR 7 TYPES OF MATERIALS

Mathematical error compensation

O: 0.8970

C: 0.8920

OK

RESET

MATHEMATICAL ERROR COMPENSATION

Display

Angle 180

Sleep 15s

DISPLAY ROTATION AND BRIGHTNESS

Timer

+000 sec.

RESET

DATA TRANSFER BY TIMER

Calibration

DAY MONTH YEAR

01 01 2020

CHANGE

CALIBRATION DATA CONTROL

Link to software

FREE SOFTWARE FOR WINDOWS, ANDROID, IOS

Data transfer by touchscreen or button push

MENU

1.5337

0

DATA TRANSFER BY TOUCH-SCREEN OR BUTTON PUSH

MICRON COMPUTERIZED FORCE CALIPER WIRELESS

Item No	Range		Range		Accuracy	External Force	Protection	Indication	Data output	Calibration
	mm	inch	mm	inch						
141097015	0-150	0-6"	0,001	0,0001"	± 5	8	IP-54	computerized MICS system with 1,54" touchscreen	max 50 m	+
141097020	0-200	0-8"			± 8	8	IP-54		max 50 m	+
141097030	0-300	0-12"			± 12	8	IP-54		max 50 m	+

PRECISION COMPUTERIZED FORCE CALIPER WIRELESS

Item No	Range		Range		Accuracy	External Force	Protection	Indication	Data output	Calibration
	mm	inch	mm	inch						
141077015	0-150	0-6"	0,005	0,0002"	± 10	8	IP-54	computerized MICS system with 1,54" touchscreen	max 50 m	+
141077015R	0-150	0-6"			± 10	8	IP-54		max 50 m	+
141077020	0-200	0-8"			± 10	8	IP-54		max 50 m	+
141077030	0-300	0-12"			± 15	8	IP-54		max 50 m	+

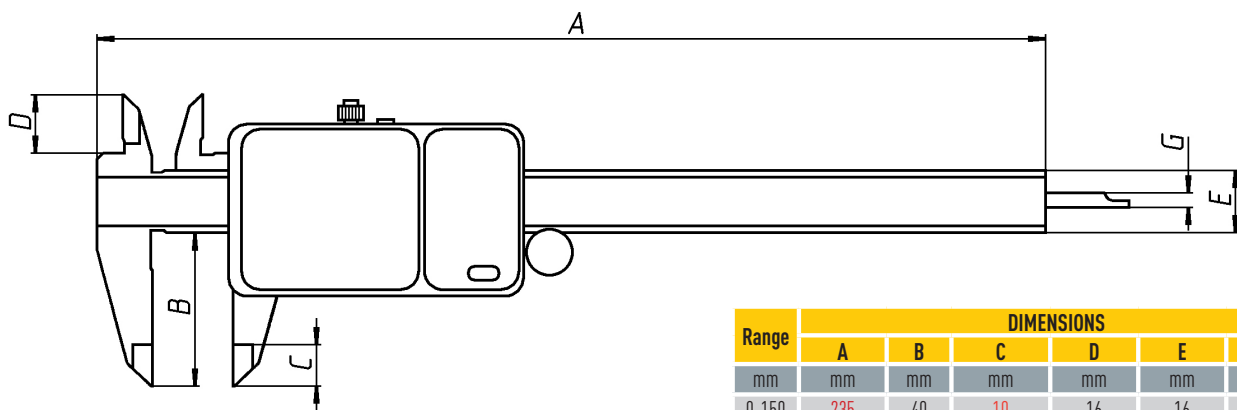
LOW-FORCE COMPUTERIZED CALIPER WIRELESS

Item No	Range		Range		Accuracy	External Force	Protection	Indication	Data output	Calibration
	mm	inch	mm	inch						
141077015L	0-150	0-6"	0,005	0,0002"	± 20	1	IP-54	computerized MICS system with 1,54" touchscreen	max 50 m	+
141077020L	0-200	0-8"			± 25	1	IP-54		max 50 m	+
141077030L	0-300	0-12"			± 30	1	IP-54		max 50 m	+

CARBIDE COMPUTERIZED FORCE CALIPER WIRELESS

Item No	Range		Range		Accuracy	External Force	Protection	Carbide tips	Indication	Data output	Calibration
	mm	inch	mm	inch							
141077015C	0-150	0-6"	0,005	0,0002	± 10	8	IP-54	+	computerized MICS system with 1,54" touchscreen	+	+
141077020C	0-200	0-8"			± 10	8	IP-54	+		+	
141077030C	0-300	0-12"			± 15	8	IP-54	+		+	

DIMENSIONAL DRAWING



Range	DIMENSIONS					
	A	B	C	D	E	G
mm	mm	mm	mm	mm	mm	mm
0-150	235	40	10	16	16	4x1,4
0-200	290	50	10	18	16	4x1,4
0-300	395	60	11	21	16	4x1,4

