

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 measurements 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)



1 μm

RESOLUTION

IP67

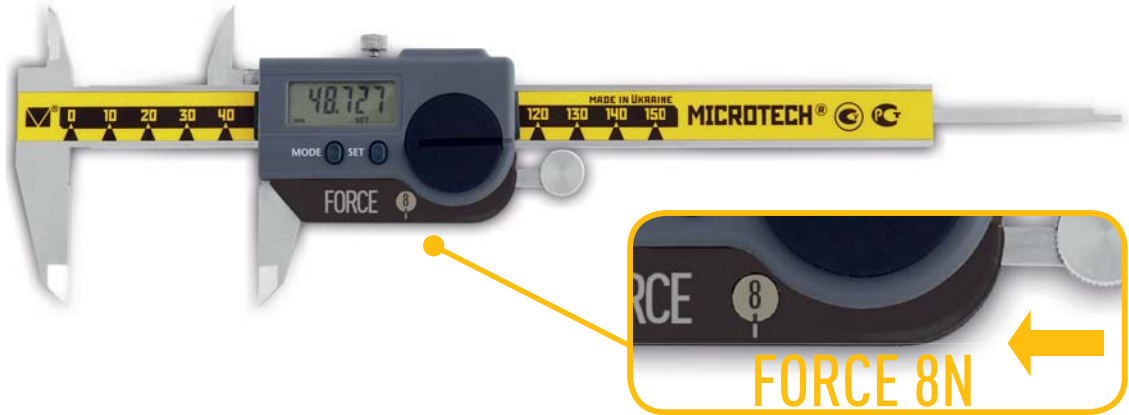
PROTECTION

8N

FORCE CONTROL



SWISS ELECTRONIC



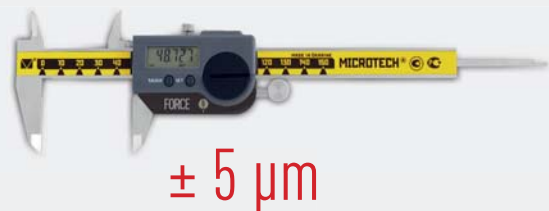
Item No	Range	Resolution	Accuracy	Jaw length	Measuring force	Protection class	Data output
	mm	mm	mm	mm	N		
141099192	0-150	0,001	$\pm 0,005$	40/16	8	IP-67	RS-232
141099293	0-199	0,001	$\pm 0,007$	50/17	8	IP-67	RS-232

6 pcs
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 ($\pm 6 \mu\text{m}$)

1 pcs MICRON FORCE CALIPER
range 0-150mm



IP67

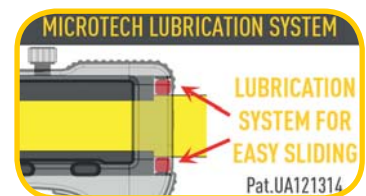
PROTECTION

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	+



MICROTECH

since 1995



www.microtech.ua



ISO 17025

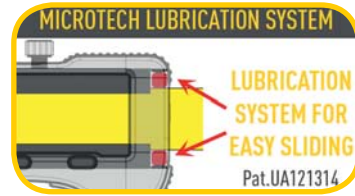


ISO 9001:2015

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 measurings according DIN862)
- Modification with Wireless data transfer to Windows, Android, iOS devices with distance up to 30 m
- Swiss electronic with big extra screen. Protection class IP-67
- Hand finished measuring surfaces
- 100% metrological control in accredited laboratory by ISO17025 (Ilac MRA)



Item No	Range	Resolution	Accuracy	Jaw	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

IP54
PROTECTION

8N
FORCE CONTROL

5µm
RESOLUTION

- 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)



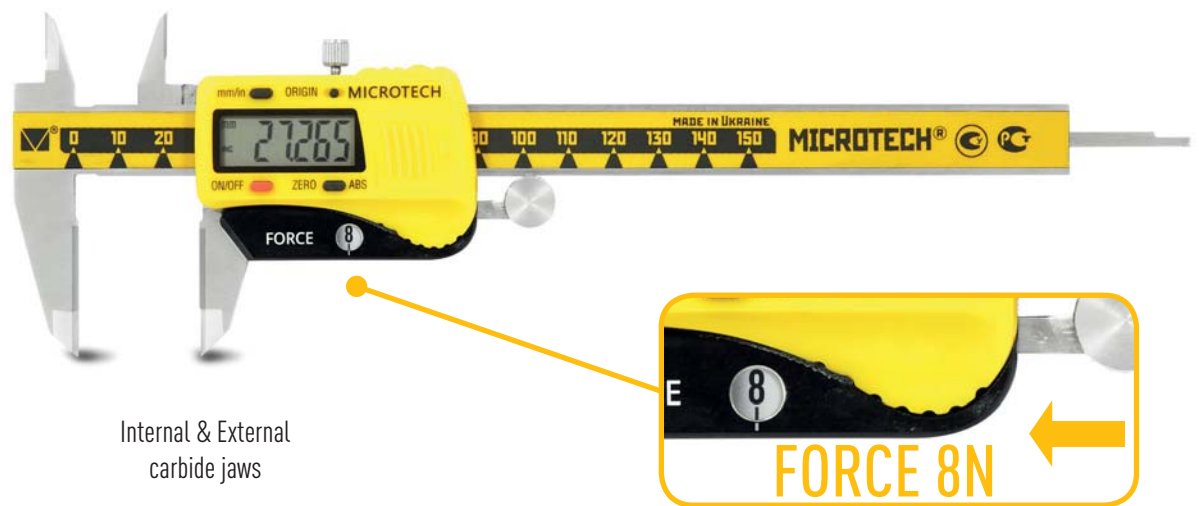
Item No	Range	Resolution	Accuracy*	Jaw	Protection class	Measuring force	Depth rod
	mm	mm	mm	mm		N	mm
141088152	0-150	0,005	$\pm 0,010$	40/16	IP-54	8	4x1,4
141088252	0-200	0,005	$\pm 0,010$	50/17	IP-54	8	4x1,4
141088352	0-300	0,005	$\pm 0,020$	60/20	IP-54	8	4x1,4

PRECISION FORCE CALIPER WITH CARBIDE JAWS

IP54
PROTECTION

8N
FORCE CONTROL

5µm
RESOLUTION



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