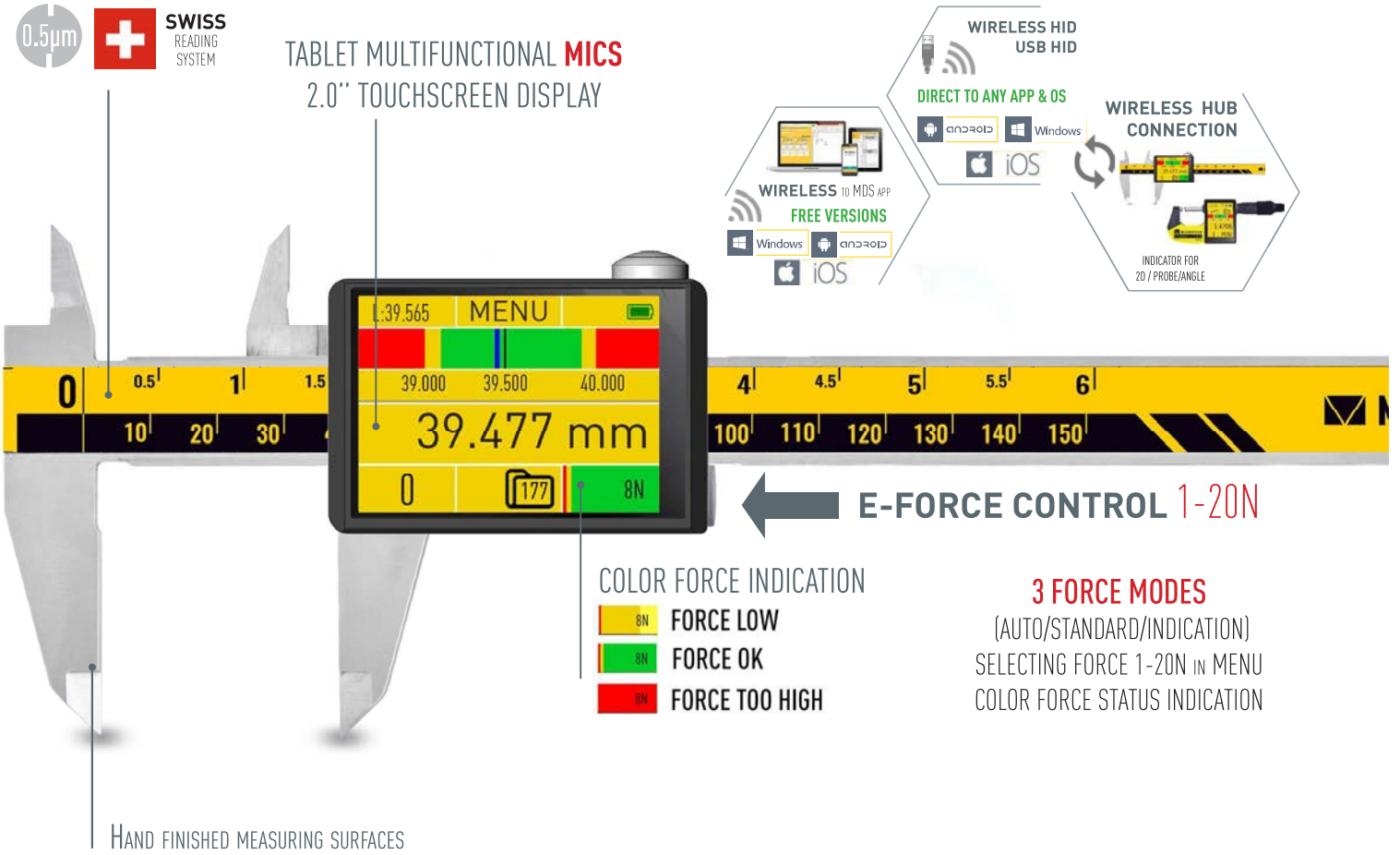
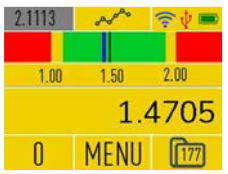
Pied à coulisse à écran tactile couleur

- avec fonctionnalité avancées (bargrapghe, tolérances min/max, transfert des données)
- batterie lithium rechargeable



DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



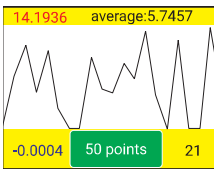
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



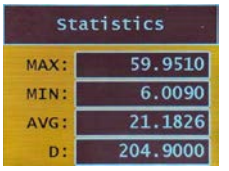
GRAPHIC MODE 1D/2D



MEMORY 2000 values



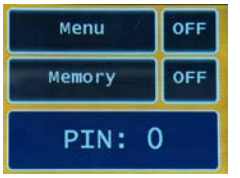
FOLDERS mode



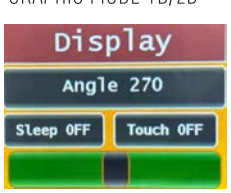
MEMORY STATISTICS



TEMPERATURE COMPENSATION



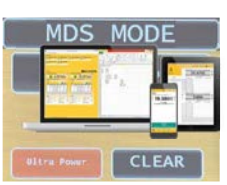
PASSWORD



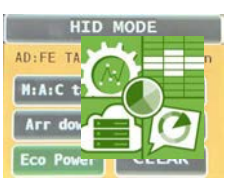
DISPLAY & ENERGY



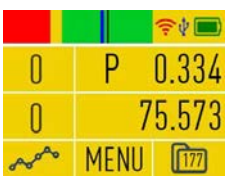
RESOLUTION, mm/inch



WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

MICRON DataMet E-FORCE CALIPER

- **Industry 4.0** adopted **DataMet** E-Force caliper with computerized **MICS** system with hi-res 2.0"color Touchscreen
- **Patents** US10184772, UA174949, UA126928
- **SWISS made reading system** resolution **0,5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC** (like keyboard to any app)
- **USB** data transfer: **USB HID, USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **Rechargeable** Li-Pol battery (500mAh) with USB-C data/charging socket
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Accu-racy*	eForce	Jaws	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update
	mm	inch	mm	µm	N	mm																			
141088015A	0-150	0-6"	0,0005	±5	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1000 val.	•	•	•	•
141088020A	0-200	0-8"		±8		50/17	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
141088030A	0-300	0-12"		±10		60/20	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•

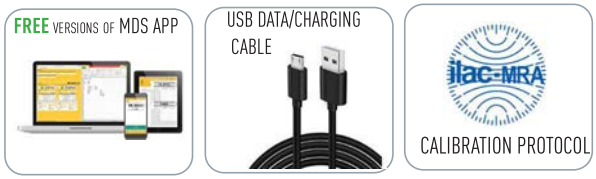
*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DataMet interface

CONNECTION possibilities

VIDEO

DELIVERY SET



OPTIONAL



DOWNLOAD MDS app WINDOWS

Windows

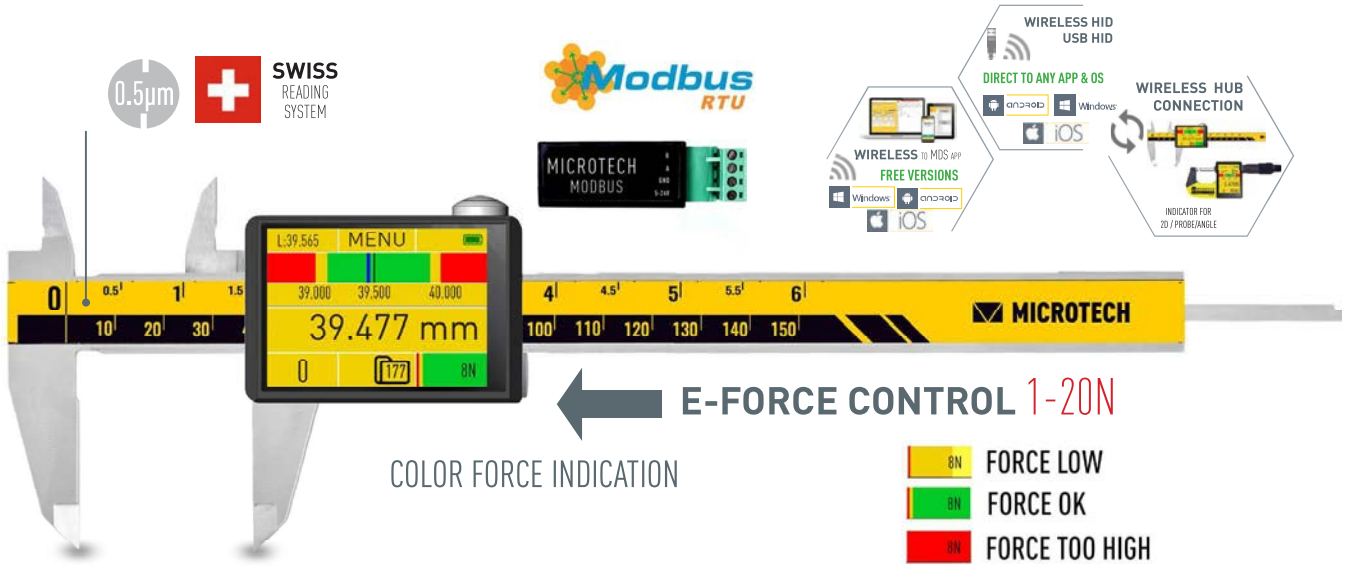
DOWNLOAD MDS app iOS, MacOS

macOS iOS

DOWNLOAD MDS app ANDROID

android

- **Industry 4.0** adopted E-Force caliper with computerized **MICS** system with 2.0"color Touchscreen (Patents US10184772,UA174949,UA126928)
- **SWISS made reading system** resolution **0,5micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Modification **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **MODBUS ASCII, MODBUS TCP/IP** for request
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy*	eForce	Jaws	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	N	mm																						
141088015M	0-150	0-6"	0,0005	±5	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•	•	•	option	option
141088020M	0-200	0-8"		±8		50/17	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•		
141088030M	0-300	0-12"		±10		60/20	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•		

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

MODBUS protocol

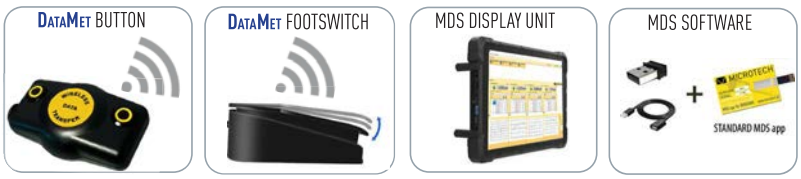
DataMet interface

CONNECTION possibilities

DELIVERY SET



OPTIONAL



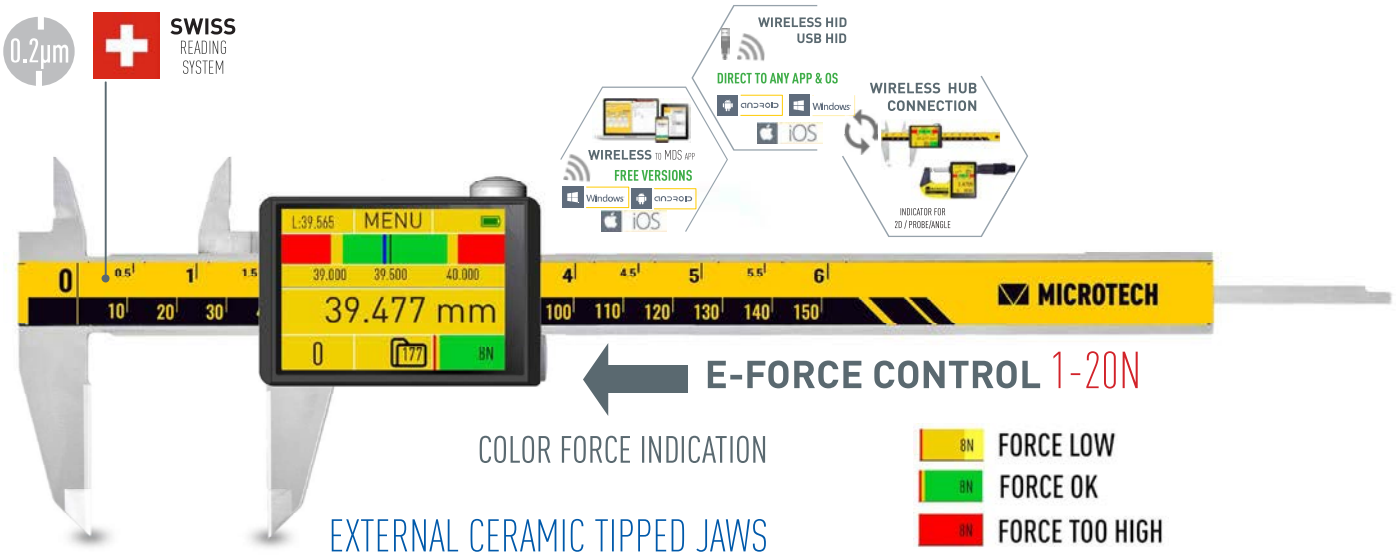
DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

CERAMIC MICRON DataMet E-FORCE CALIPER

- **Industry 4.0** adopted E-Force caliper with computerized **MICS** system with 2.0"color Touchscreen (Patents US10184772,UA174949,UA126928)
- **LAB caliper with SWISS made reading system** Min resolution **0,2micron** (0,0002/0,001/0,01/0,1mm selection)
- External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy*	eForce	Jaws	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	FW update
	mm	inch	mm	µm	N	mm																			
141088015AK	0-150	0-6"	0,0002	±4	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•	•
141088020AK	0-200	0-8"		±6		50/17	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•
141088030AK	0-300	0-12"		±8		60/20	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DataMet interface

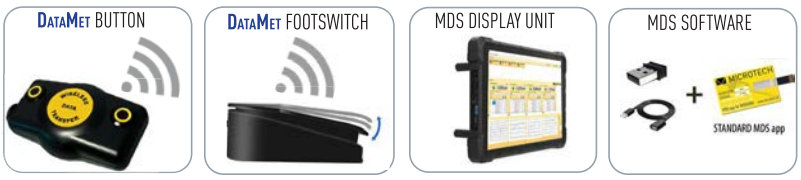
CONNECTION possibilities

VIDEO

DELIVERY SET



OPTIONAL



DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

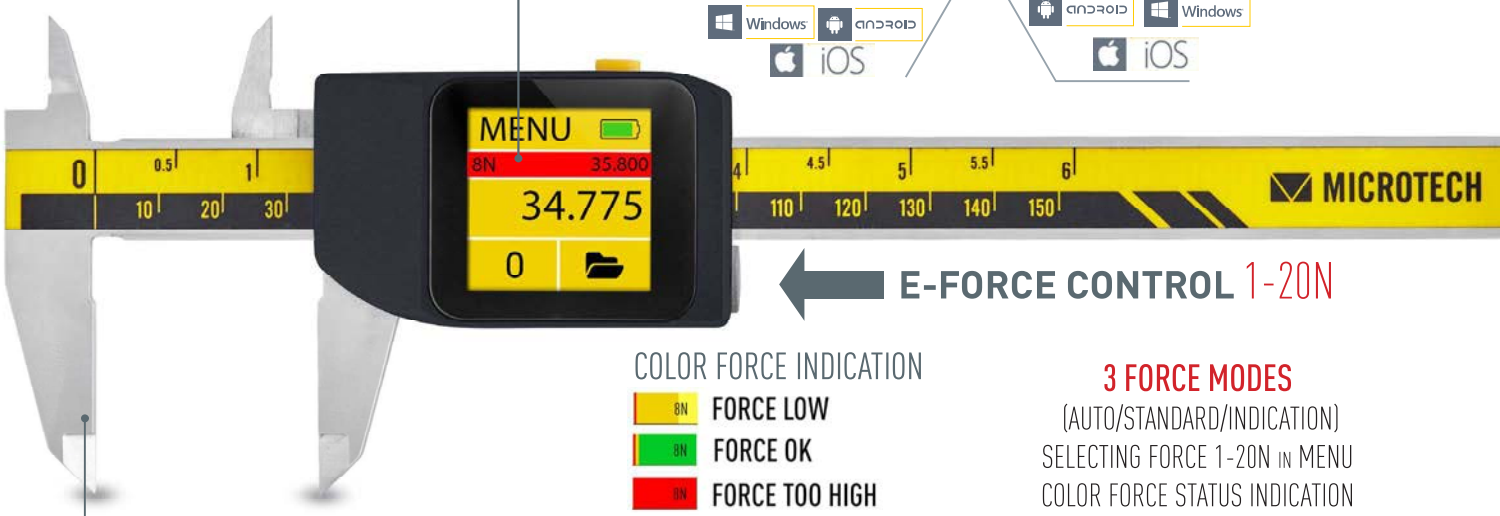
Pied à coulisse à écran tactile couleur
- avec fonctionnalité avancées (bargrapghe, tolérances min/max, transfert des données)
- batterie lithium rechargeable
- avec contrôle de la force d'appui des becs

5µm

TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY

WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS



E-FORCE CONTROL 1-20N

COLOR FORCE INDICATION
- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

3 FORCE MODES
(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES



UPPER AND LOWER CARBIDE JAWS

DATAMET FUNCTIONS



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



MEMORY 1000 values



MEMORY STATISTICS



TEMPERATURE COMPENSATION



DEVICE INFO, UPDATE



TIMER



FORMULA Ax^2+Bx+C



DISPLAY & ENERGY



RESOLUTION, mm/inch



WIRELESS to MDS app



WIRELESS & USB HID

DataMet E-FORCE CALIPER

- **Industry 4.0** adopted **DataMet** E-Force caliper with computerized **MICS** system with hi-res 1.54"color Touchscreen
- **Patents** US10184772, UA174949, UA126928
- **Reading system** resolution **5 micron** (0,005/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 1000 values,, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **WIRELESS** data transfer: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC** (like keyboard to any app)
- **USB** data transfer: **USB HID, USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **Rechargeable** Li-Pol battery (300mAh) with USB-C data/charging socket
- **MODIFICATION with** Upper and Lower carbide jaws
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet E-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	eForce	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm														
141077015A	0-150	0-6"	0,005	±10	1-20	40/16	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141077020A	0-200	0-8"		±10		50/17	•	•	•	•	•	•	•	•	•	•		•	•	•
141077030A	0-300	0-12"		±15		60/20	•	•	•	•	•	•	•	•	•	•		•	•	•

CARBIDE DataMet E-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	eForce	Jaws	CARBIDE	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr.	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm															
141077015C	0-150	0-6"	0,005	±10	1-20	40/16	•	•	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141077020C	0-200	0-8"		±10		50/17	•	•	•	•	•	•	•	•	•	•	•		•	•	•
141077030C	0-300	0-12"		±15		60/20	•	•	•	•	•	•	•	•	•	•	•		•	•	•

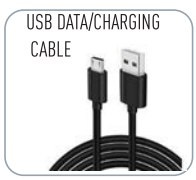
DataMet interface

CONNECTION possibilities

VIDEO

DELIVERY SET







OPTIONAL







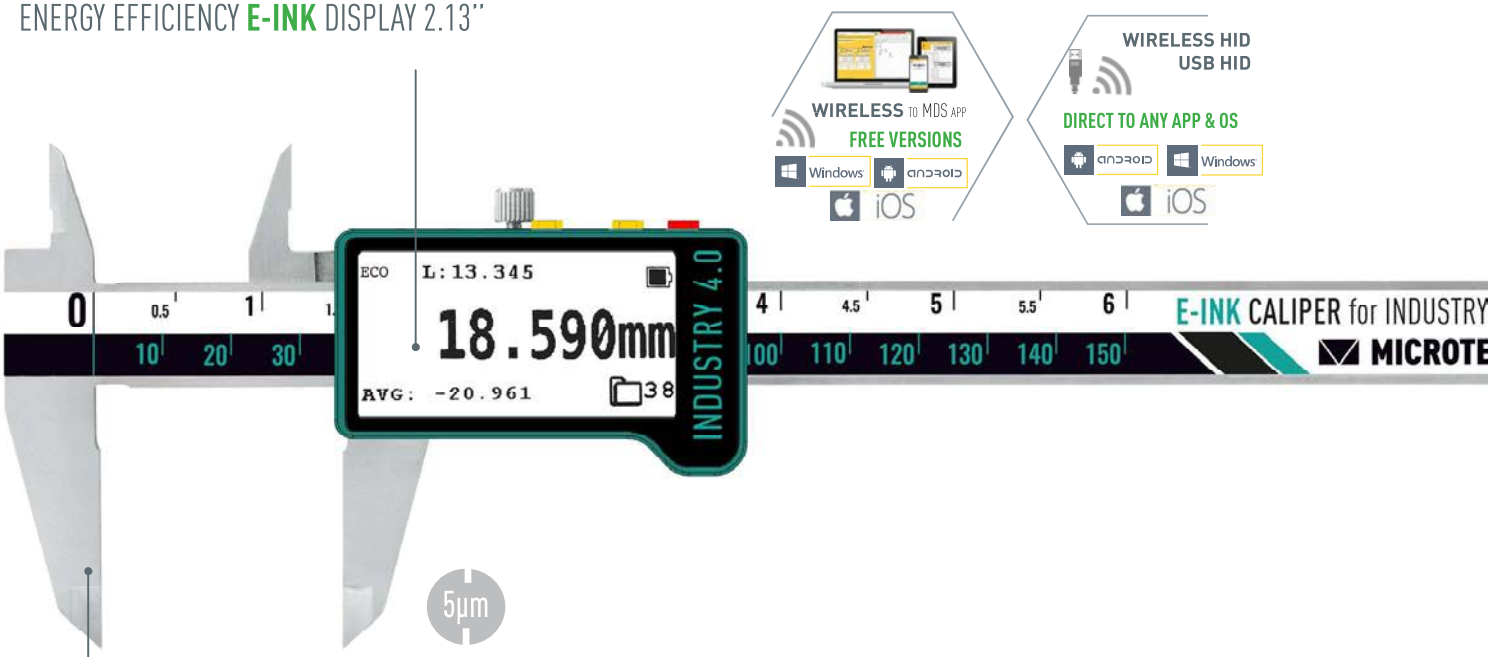


DOWNLOAD MDS app WINDOWS

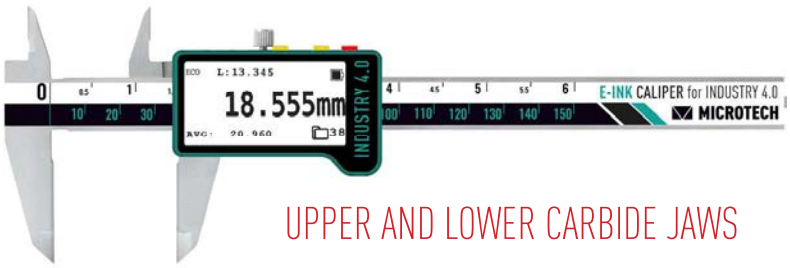
DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

ENERGY EFFICIENCY **E-INK** DISPLAY 2.13"



HAND FINISHED MEASURING SURFACES

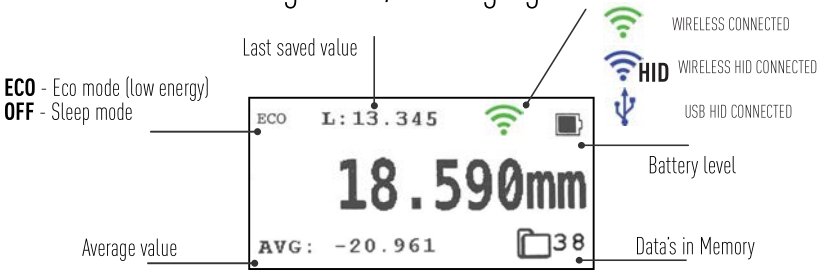


UPPER AND LOWER CARBIDE JAWS

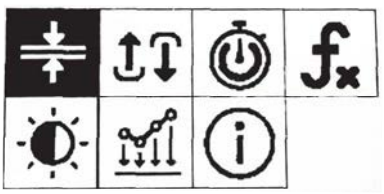
DATAMET E-INK FUNCTIONS

ENERGY ECONOMY 2.13" E-INK DISPLAY

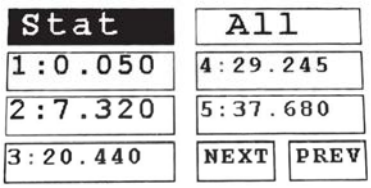
200+ working hours/1 charging



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS



E-INK CALIPER

- **Industry 4.0** adopted E-ink caliper with computerized MICS system
- **Patents** US10184772, UA174949, UA126928
- ENERGY ECONOMY 2.13'' E-ink display (200+ working hours / 1 charging)
- **Reading system** resolution 5 micron (0,005/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS **HID,** WIRELESS **HID+MAC** (like keyboard to any app)
- **USB** data transfer: **USB HID, USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower carbide jaws
- Rechargeable Li-Pol battery (400mAh) with USB-C data/charging socket
- **Calibration** certificate included (ISO17025 (Ilac MRA))

E-INK CALIPER

Item No	Range		Reso-lution	Accu-racy*	Jaws	Round rod	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	mm													
141093015B	0-150	0-6"	0,005	±15	40/16		•	•	•	•	•	•	•	•	1000 val	•	•	•
141093015R						•	•	•	•	•	•	•	•	•		•	•	•
141093020B	0-200	0-8"			50/17		•	•	•	•	•	•	•	•		•	•	•
141093030B	0-300	0-12"		±20	60/20		•	•	•	•	•	•	•	•		•	•	•

E-ink interface

CONNECTION possibilities

VIDEO

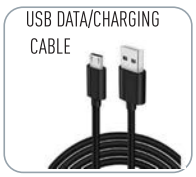
CARBIDE E-INK CALIPER

Item No	Range		Reso-lution	Accu-racy*	Jaws	Carbide jaws	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	mm													
141093015C	0-150	0-6"	0,005	±15	40/16	•	•	•	•	•	•	•	•	•	1000 val	•	•	•
141093020C	0-200	0-8"			50/17	•	•	•	•	•	•	•	•	•		•	•	•
141093030C	0-300	0-12"		±20	60/20	•	•	•	•	•	•	•	•	•		•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DELIVERY SET





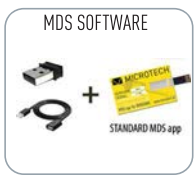


OPTIONAL







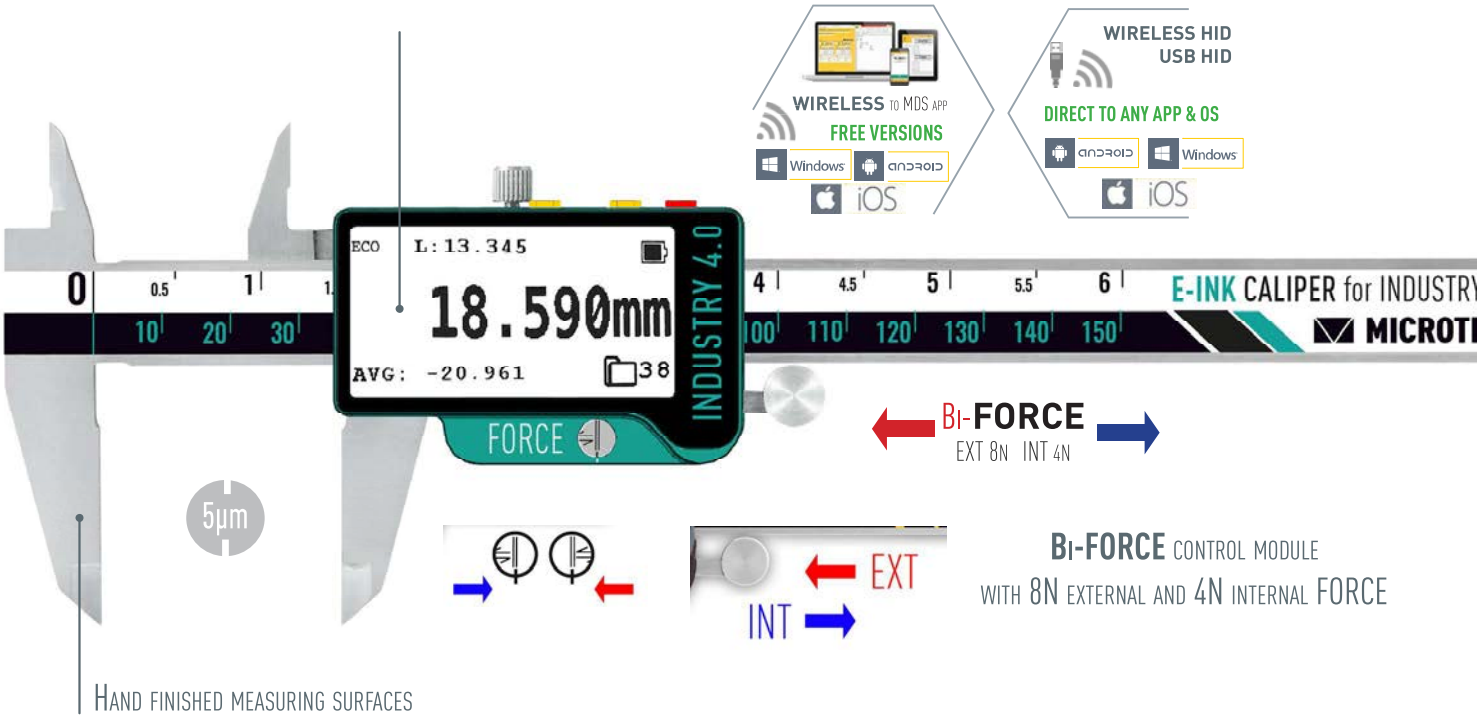


DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

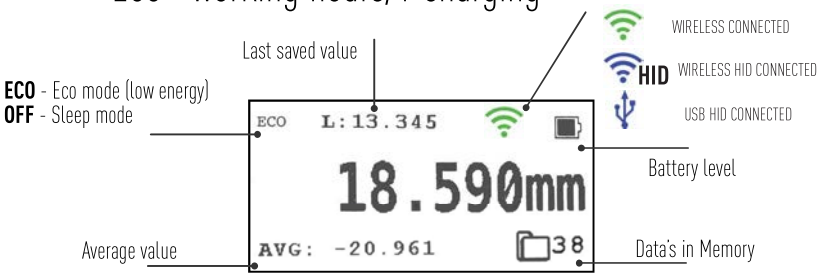
ENERGY EFFICIENCY E-INK DISPLAY 2.13"



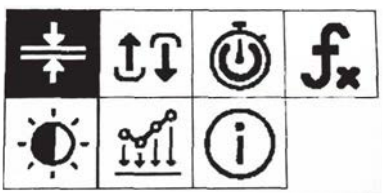
Pied à coulisse digital à grand écran
- avec fonctionnalité avancées (tolérances min/max,transfert des données)
- batterie lithium rechargeable
- avec contrôle de la force d'appui des becs (mécanique)

DATAMET E-INK FUNCTIONS

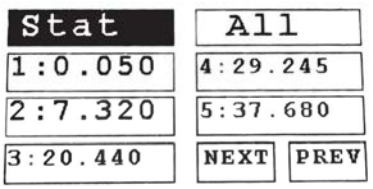
ENERGY ECONOMY 2.13" E-INK DISPLAY
200+ working hours/1 charging



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS



E-INK Bi-FORCE CALIPER

- **Industry 4.0** adopted **Bi-Force** E-ink caliper with computerized MICS system
- **Patents** US10184772, UA174949, UA126928
- ENERGY ECONOMY 2.13'' E-ink display (200+ working hours / 1 charging)
- **Bi-Force** control module with 8N external and 4N internal FORCE
- **Reading system** resolution 5 micron (0,005/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS **HID,** WIRELESS **HID+MAC** (like keyboard to any app)
- **USB** data transfer: **USB HID, USB HID+MAC** (like keyboard to any app)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower carbide jaws
- Rechargeable Li-Pol battery (400mAh) with USB-C data/charging socket
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Round rod	Preset	Go/NoGo	Max/Min	Formula	Linear corr	Calibr date	Recharge	ECO mode	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm													
141093015F	0-150	0-6''	0,005	±10	8 /4	40/16		•	•	•	•	•	•	•	•	1000 val	•	•	•
141093015FR							•	•	•	•	•	•	•	•	•		•	•	•
141093020F	0-200	0-8''				50/17		•	•	•	•	•	•	•	•		•	•	•
141093030F	0-300	0-12''		±15		60/20		•	•	•	•	•	•	•	•		•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

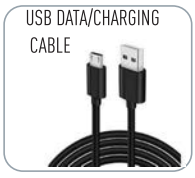
E-ink interface

CONNECTION possibilities

VIDEO

DELIVERY SET







OPTIONAL









DOWNLOAD MDS app WINDOWS

Windows

DOWNLOAD MDS app iOS, MacOS

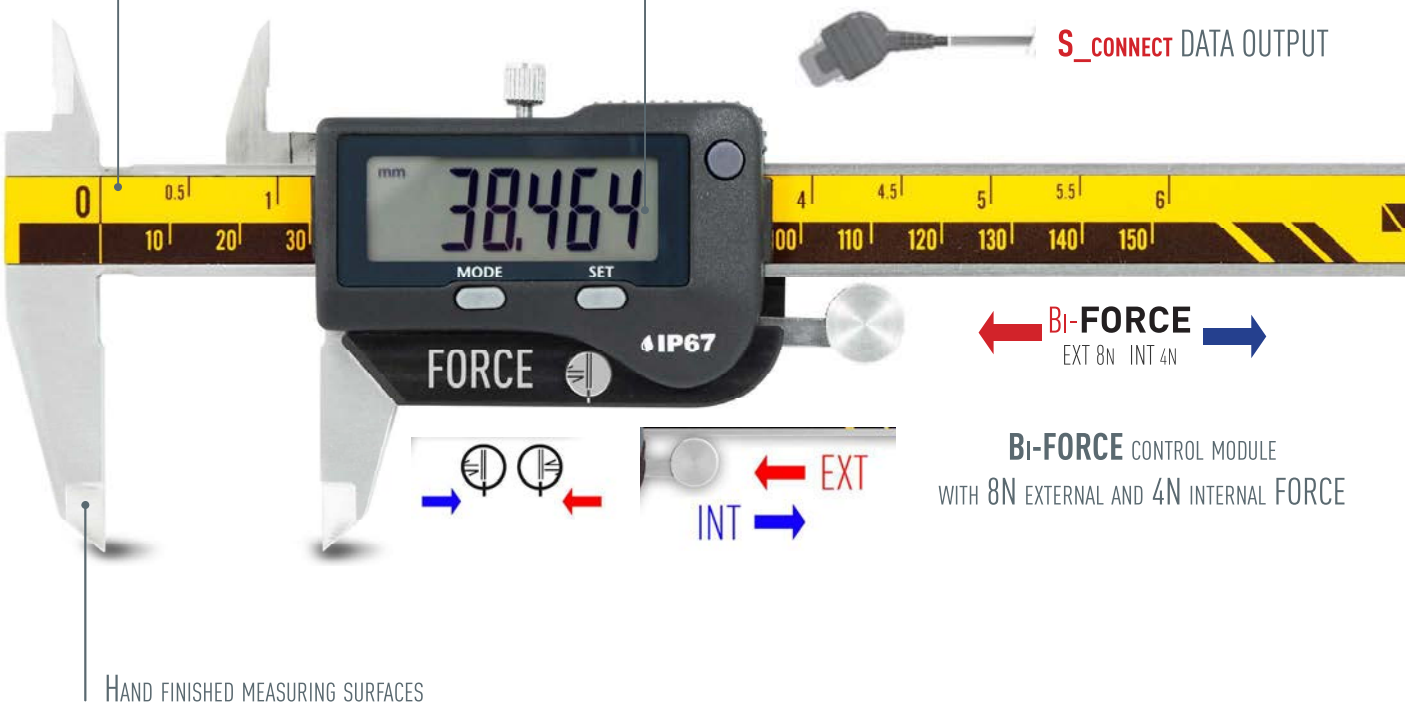
macOS iOS

DOWNLOAD MDS app ANDROID

android

1µm SWISS READING SYSTEM

IP67 SWISS ELECTRONICS



S_connect data output

Bi-FORCE
EXT 8N INT 4N

Bi-FORCE control module
with 8N external and 4N internal force

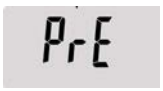
Hand finished measuring surfaces

Pied à coulisse digital à grand écran
- avec fonctionnalité avancées (tolérances min/max,transfert des données)
- avec contrôle de la force d'appui des becs (mécanique)



External ceramic tipped jaws

SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

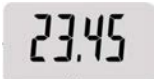
SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics



S_connect data output



Big display - 12mm Digit

VIDEO

SwissMet interface

CONNECTION possibilities

MICRON SwissMet IP67 Bi-FORCE CALIPER

- MICRON SwissMet IP67 **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to ±5µm on external jaws (internal and depth according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- S_connect data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm					
141079122	0-150	0-6"	0,001	±5	8 ext	40/16	IP-67	•	•	•	•
141079222	0-200	0-8"		±8		50/17		•	•	•	•
141079322	0-300	0-12"		±10	4 int	60/20		•	•	•	•

CERAMIC MICRON SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm					
141079122K	0-150	0-6"	0,001	±5	8 ext	40/16	IP-67	•	•	•	•
141079222K	0-200	0-8"		±8		50/17		•	•	•	•
141079322K	0-300	0-12"		±10	4 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

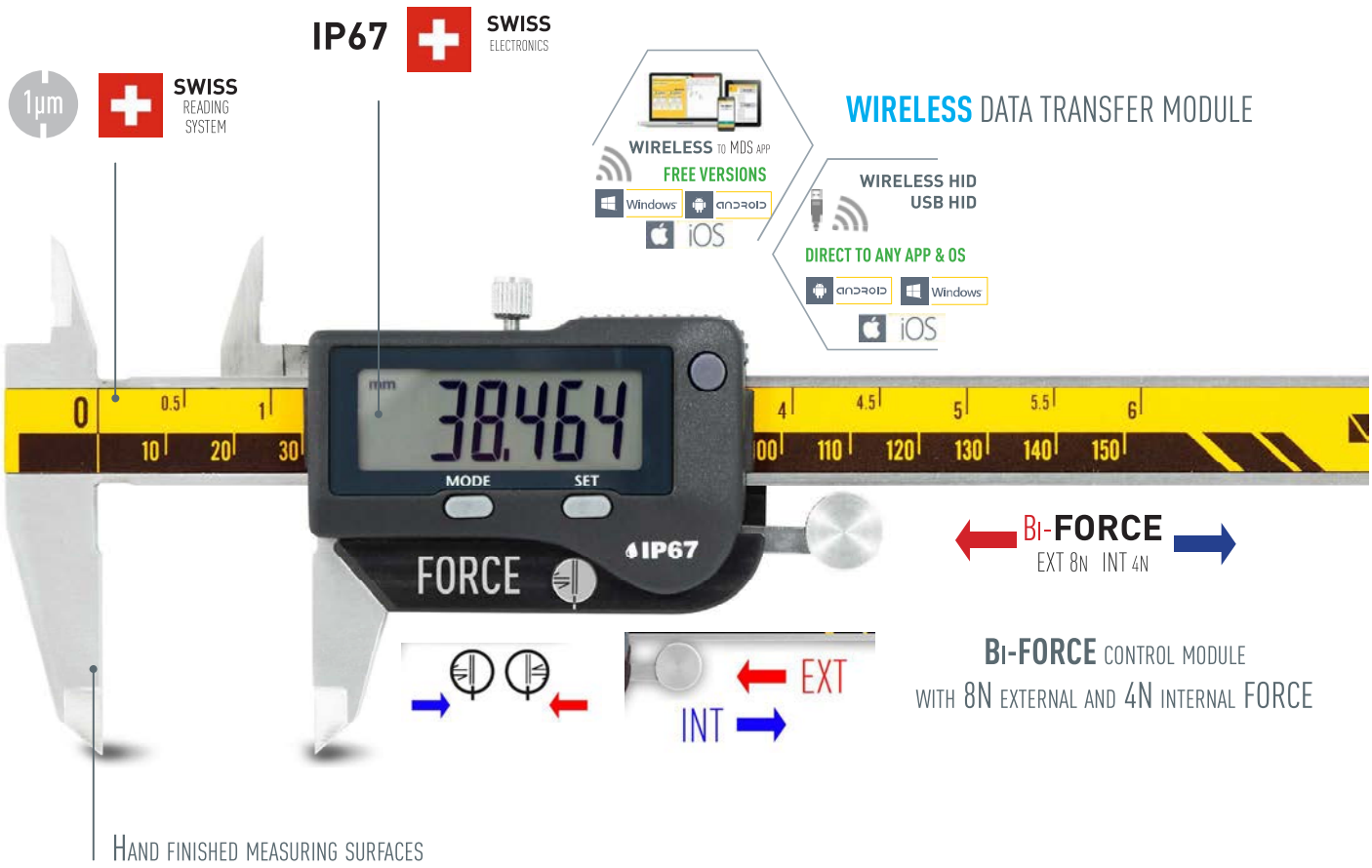
DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

SwissMet DATA CABLE





Pied à coulisse digital à grand écran
- avec fonctionnalité avancées (tolérances min/max,transfert des données)
- avec contrôle de la force d'appui des becs (mécanique)



EXTERNAL CERAMIC TIPPED JAWS

WIRELESS SWISSMET IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

23.45
Big display - 12mm Digit

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

HID MAC
WIRELESS HID+MAC

VIDEO

SwissMet interface

CONNECTION possibilities

MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

- MICRON WIRELESS SwissMet IP67 **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to ±5µm on external jaws (internal and depth according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- 3 MODES WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141079192	0-150	0-6"	0,001	±5	8 ext	40/16	IP-67	•	•	•	•
141079292	0-200	0-8"		±8	4 int	50/17		•	•	•	•
141079392	0-300	0-12"		±10		60/20		•	•	•	•

CERAMIC MICRON WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141079192K	0-150	0-6"	0,001	±5	8 ext	40/16	IP-67	•	•	•	•
141079292K	0-200	0-8"		±8	4 int	50/17		•	•	•	•
141079392K	0-300	0-12"		±10		60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH

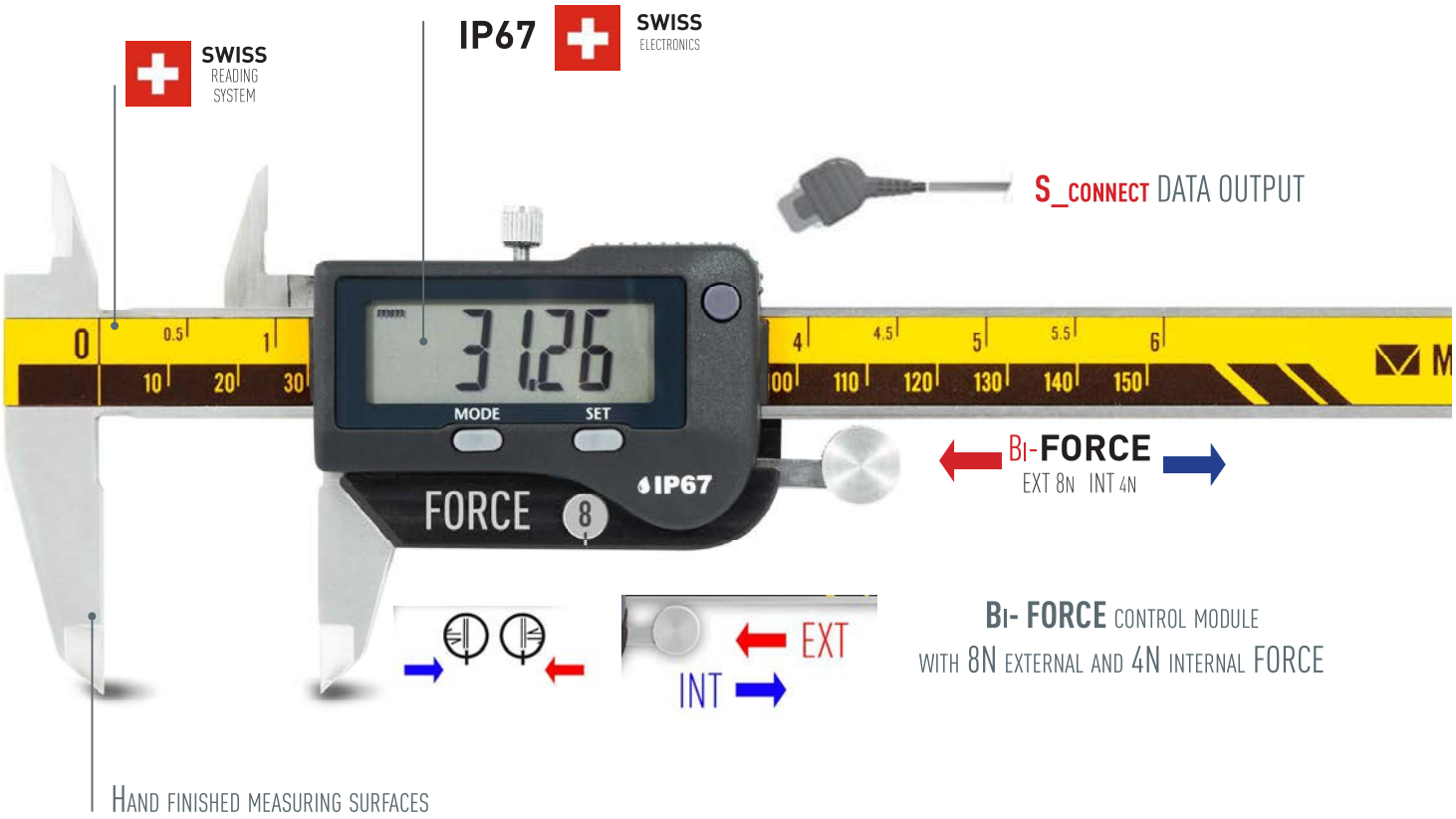


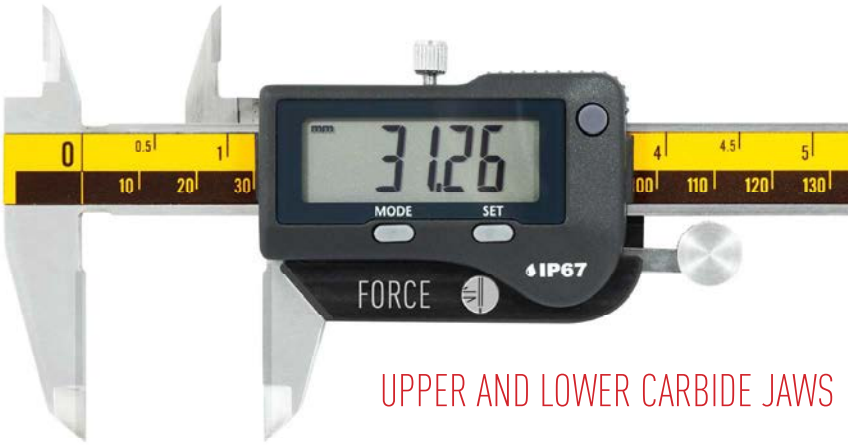
MDS DISPLAY UNIT



MDS SOFTWARE

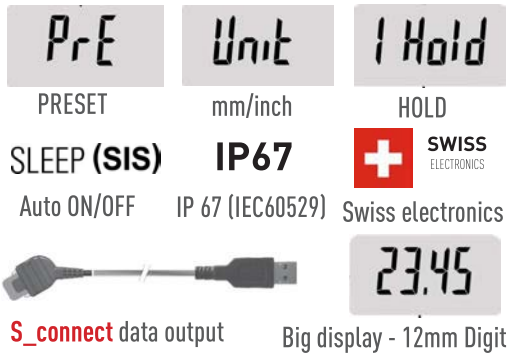






UPPER AND LOWER CARBIDE JAWS

SwissMet IP67 FUNCTIONS



VIDEO

SwissMet interface

CONNECTION possibilities

SwissMet IP67 Bi-FORCE CALIPER

- SwissMet IP67 **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to **±10µm** on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- S_connect data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm					
141078122	0-150	0-6"	0,01	±10	8 ext	40/16	IP-67	•	•	•	•
141078222	0-200	0-8"		±10		50/17		•	•	•	•
141078322	0-300	0-12"		±20	4 int	60/20		•	•	•	•

CARBIDE SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm					
141078122C	0-150	0-6"	0,01	±10	8 ext	40/16	IP-67	•	•	•	•
141078222C	0-200	0-8"		±10		50/17		•	•	•	•
141078322C	0-300	0-12"		±20	4 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

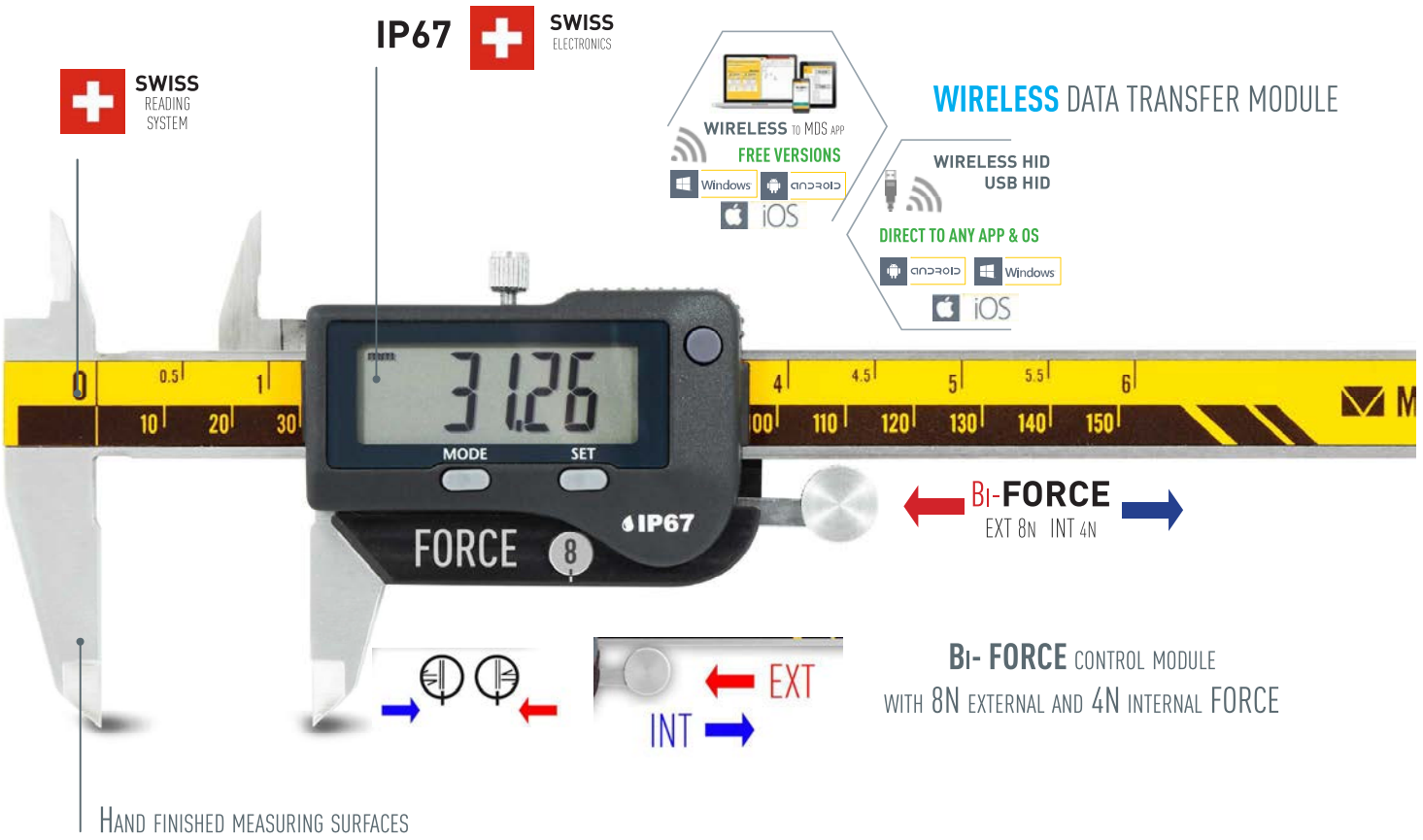
DELIVERY SET

CALIBRATION PROTOCOL

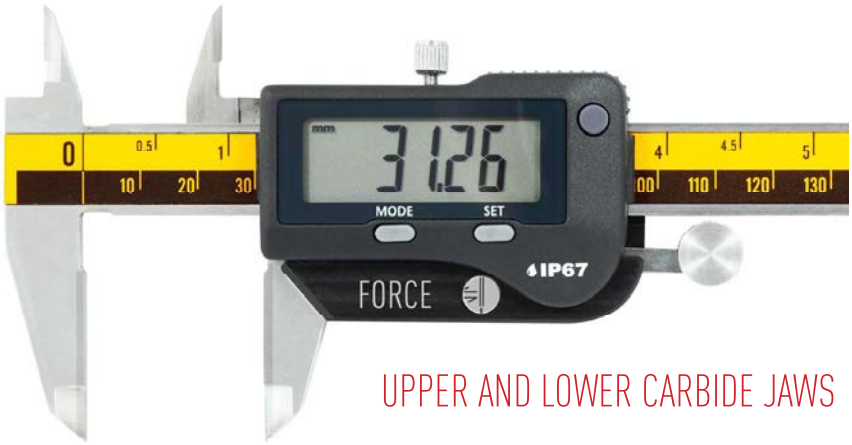
OPTIONAL

SwissMet DATA CABLE





Pied à coulisse digital à grand écran
- avec fonctionnalité avancées (tolérances min/max,transfert des données)
- avec contrôle de la force d'appui des becs (mécanique)



UPPER AND LOWER CARBIDE JAWS

WIRELESS SwissMet IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

23.45
Big display - 12mm Digit

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

HID MAC
WIRELESS HID+MAC

VIDEO

SwissMet interface

CONNECTION possibilities

WIRELESS SwissMet IP67 Bi-FORCE CALIPER

- WIRELESS SwissMet IP67 **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to **±10µm** on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- 3 MODES WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141078192	0-150	0-6"	0,01	±10	8 ext	40/16	IP-67	•	•	•	•
141078292	0-200	0-8"		±10		50/17		•	•	•	•
141078392	0-300	0-12"		±20	4 int	60/20		•	•	•	•

CARBIDE WIRELESS SwissMet IP67 Bi-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141078192C	0-150	0-6"	0,01	±10	8 ext	40/16	IP-67	•	•	•	•
141078292C	0-200	0-8"		±10		50/17		•	•	•	•
141078392C	0-300	0-12"		±20	4 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

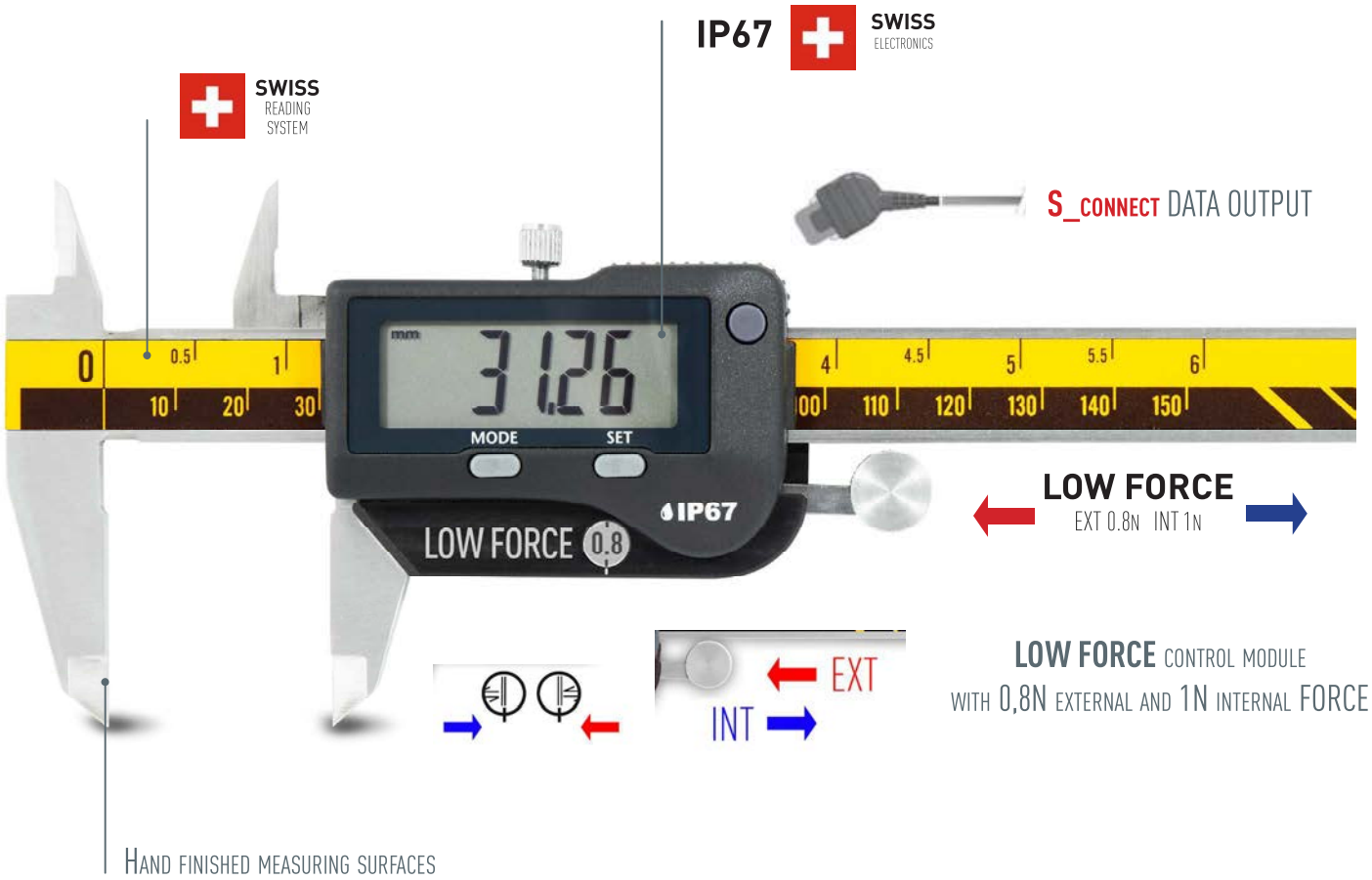
OPTIONAL

DataMet BUTTON

DataMet FOOTSWITCH

MDS DISPLAY UNIT

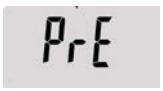
MDS SOFTWARE



FOR SOFT MATERIALS



SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

SLEEP **(SIS)**

Auto ON/OFF

IP67

IP 67 (IEC60529)

SWISS ELECTRONICS

Swiss electronics



S_connect data output



Big display - 12mm Digit

VIDEO

SwissMet interface

CONNECTION possibilities

SwissMet IP67 Low-FORCE CALIPER

- SwissMet IP67 **LOW Force** digital caliper with 0.8N external and 1N internal FORCE for SOFT materials (**Patents** US10429165)
- Accuracy up to **±12µm** on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- S_connect data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant (equipped with **MICRON** electronics)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 Low-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm					
141077153	0-150	0-6"	0,01	±30	0,8 ext	40/16	IP-67	•	•	•	•
141077253	0-200	0-8"		±30		50/17		•	•	•	•
141077353	0-300	0-12"		±40	1 int	60/20		•	•	•	•

CERAMIC MICRON SwissMet IP67 Low-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm					
141079153K	0-150	0-6"	0,001	±12	0,8 ext	40/16	IP-67	•	•	•	•
141079253K	0-200	0-8"		±15		50/17		•	•	•	•
141079353K	0-300	0-12"		±20	1 int	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

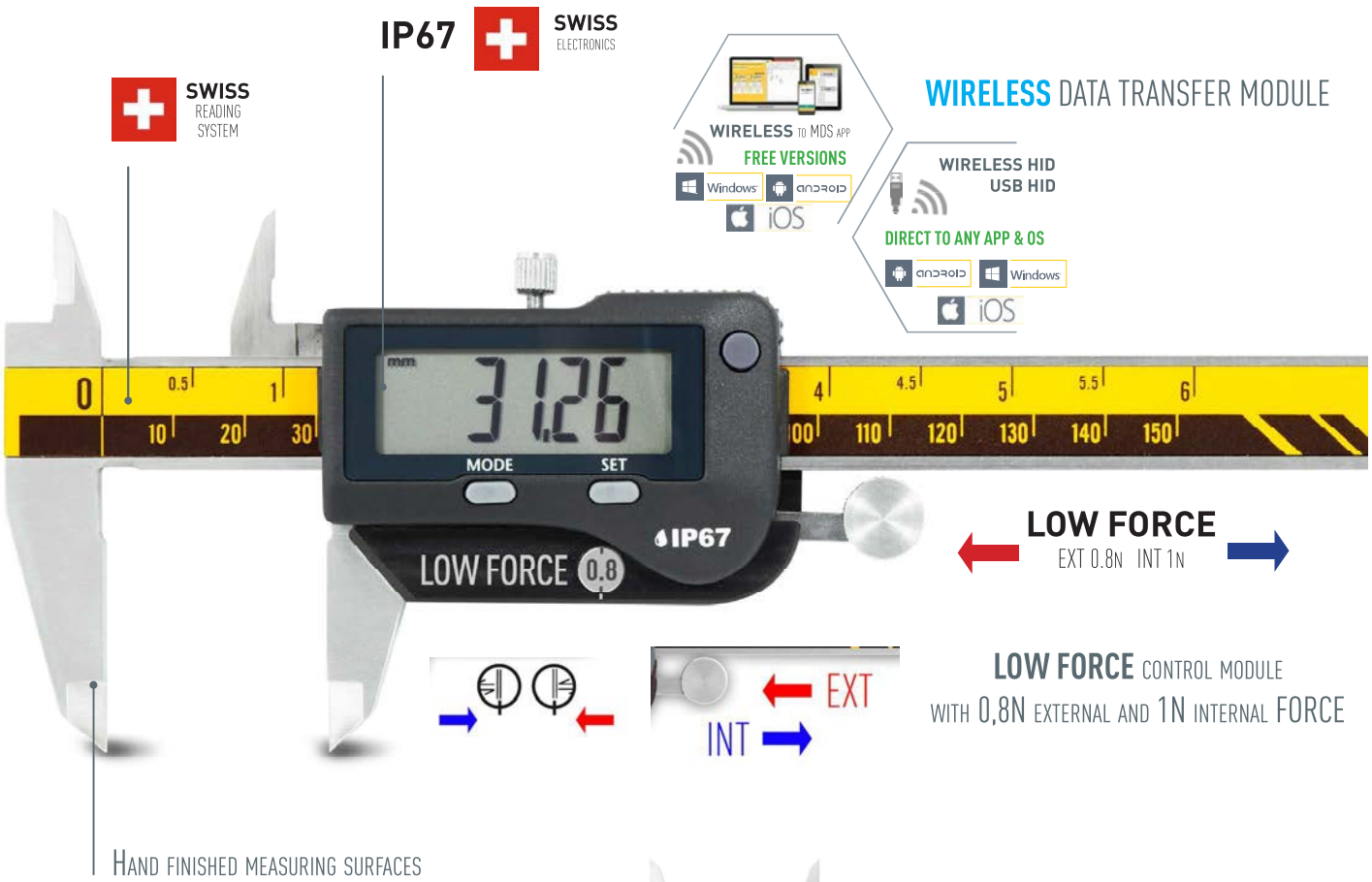
DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

SwissMet DATA CABLE





FOR SOFT MATERIALS



EXTERNAL CERAMIC TIPPED JAWS

Pied à coulisse digital à grand écran
- avec fonctionnalité avancées (tolérances min/max,transfert des données)
- avec contrôle de la force d'appui des becs (mécanique - pour matériaux souple)

WIRELESS SwissMet IP67 FUNCTIONS

PrE — PRESET

Unit — mm/inch

23.45 — Big display - 12mm Digit

SLEEP (SIS) — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

HID MAC — WIRELESS HID+MAC

VIDEO

SwissMet interface

CONNECTION possibilities

WIRELESS SwissMet IP67 Low-FORCE CALIPER

- WIRELESS SwissMet IP67 **LOW Force** digital caliper with 0.8N external and 1N internal FORCE for SOFT materials (**Patents** US10429165)
- Accuracy up to **±12µm** on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- 3 MODES WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant (equipped with **MICRON** electronics)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS SwissMet IP67 Low-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141077193	0-150	0-6"	0,01	±30	0,8 ext	40/16	IP-67	•	•	•	•
141077293	0-200	0-8"		±30	1 int	50/17		•	•	•	•
141077393	0-300	0-12"		±40		60/20		•	•	•	•

CERAMIC MICRON WIRELESS SwissMet IP67 Low-FORCE CALIPER

Item No	Range		Reso-lution	Accu-racy*	Double Low force	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm					
141079193K	0-150	0-6"	0,001	±12	0,8 ext	40/16	IP-67	•	•	•	•
141079293K	0-200	0-8"		±15	1 int	50/17		•	•	•	•
141079393K	0-300	0-12"		±20		60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

DOWNLOAD
MDS app WINDOWS
Windows

DOWNLOAD
MDS app iOS, MacOS
macOS iOS

DOWNLOAD
MDS app ANDROID
android

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA
CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



1µm SWISS READING SYSTEM

IP67 SWISS ELECTRONICS

S_CONNECT DATA OUTPUT



HAND FINISHED MEASURING SURFACES



EXTERNAL CERAMIC TIPPED JAWS

SwissMet IP67 FUNCTIONS

PrE	Unit	1 Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
S_connect data output	23.45	Big display - 12mm Digit

VIDEO

SwissMet interface

CONNECTION possibilities

MICRON SwissMet IP67 DIGITAL CALIPER

- MICRON SwissMet IP67 digital caliper
- Accuracy up to **±15µm** on external jaws (internal and depth according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- S_connect data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm							
141073122	0-150	0-6"	0,001	±15	40/16	IP-67		•	•	•	•
141073122R							•	•	•	•	•
141073222	0-200	0-8"		±15	50/17			•	•	•	•
141073322	0-300	0-12"		±20	60/20			•	•	•	

CERAMIC MICRON SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm						
141073122K	0-150	0-6"	0,001	±15	40/16	IP-67	•	•	•	•
141073222K	0-200	0-8"		±15	50/17		•	•	•	•
141073322K	0-300	0-12"		±20	60/20		•	•	•	•

*Accuracy on external jaws. Internal jaws and Depth according ISO13385-1

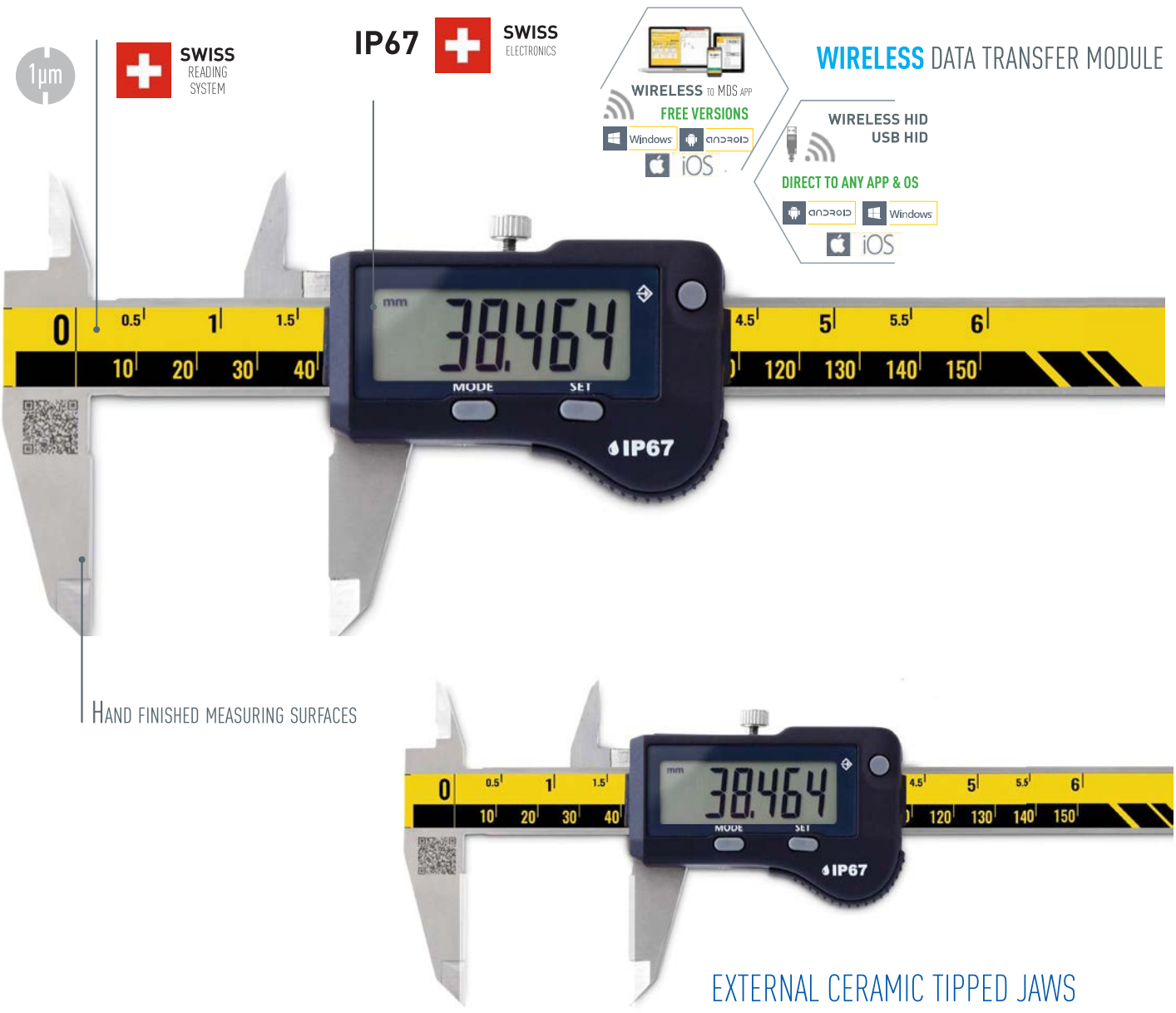
DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

SwissMet DATA CABLE





WIRELESS DATA TRANSFER MODULE

HAND FINISHED MEASURING SURFACES

EXTERNAL CERAMIC TIPPED JAWS

WIRELESS SwissMet IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

23.45
Big display - 12mm Digit

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

HID MAC
WIRELESS HID+MAC

VIDEO

SwissMet interface

CONNECTION possibilities

WIRELESS MICRON SwissMet IP67 DIGITAL CALIPER

- WIRELESS MICRON SwissMet IP67 digital caliper
- Accuracy up to **±15µm** on external jaws (internal and depth according ISO13385)
- High quality MICRON Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- 3 MODES WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS MICRON SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm							
141073192	0-150	0-6"	0,001	±15	40/16	IP-67		•	•	•	•
141073192R							•	•	•	•	•
141073292	0-200	0-8"		±15	50/17			•	•	•	•
141073392	0-300	0-12"		±20	60/20			•	•	•	•

CERAMIC WIRELESS MICRON SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm						
141073192K	0-150	0-6"	0,001	±15	40/16	IP-67	•	•	•	•
141073292K	0-200	0-8"		±15	50/17		•	•	•	•
141073392K	0-300	0-12"		±20	60/20		•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH

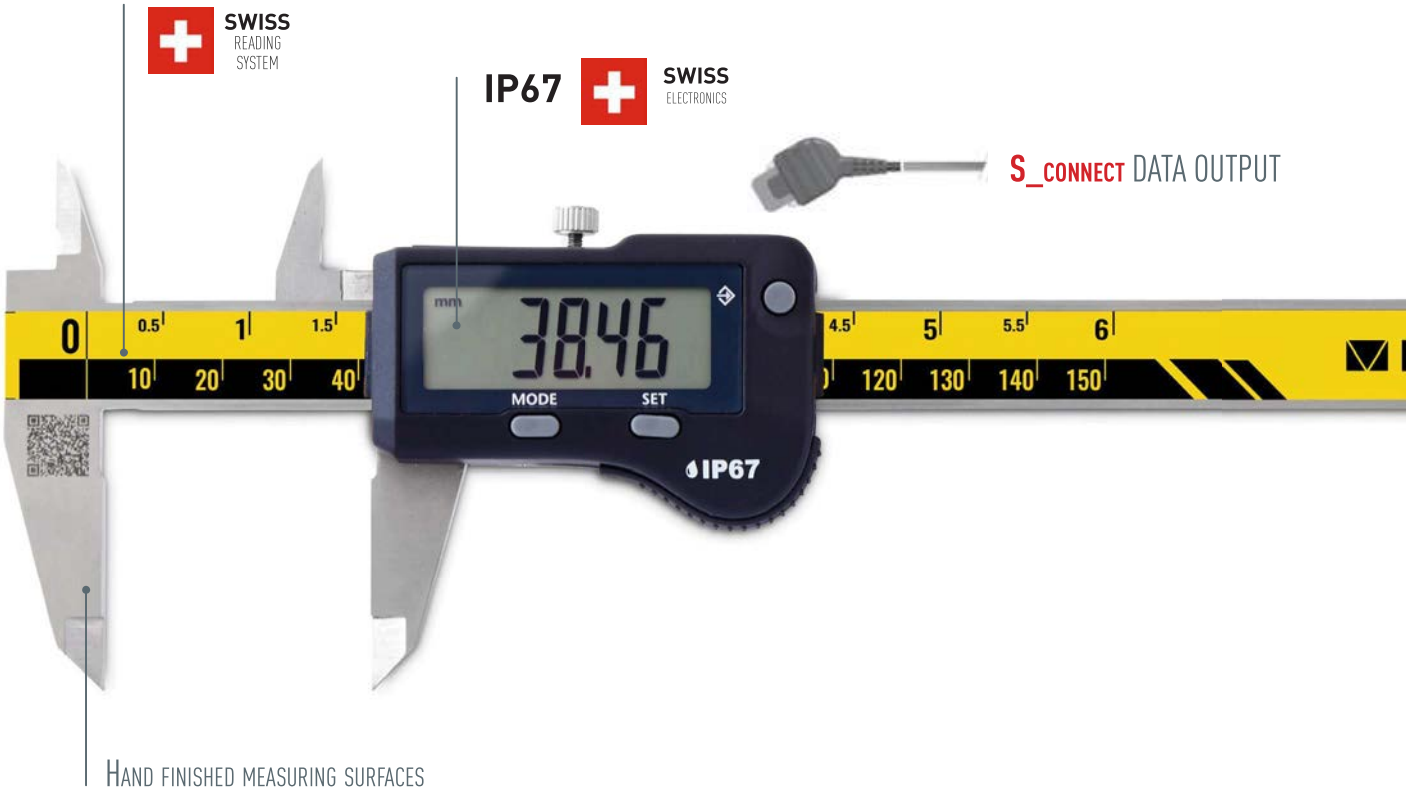


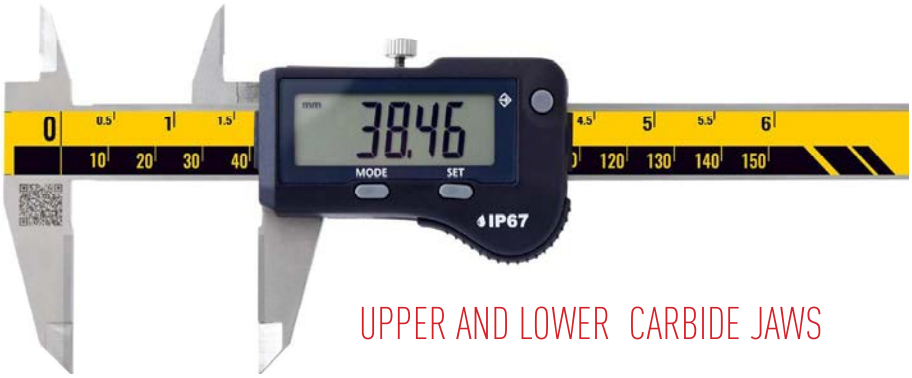
MDS DISPLAY UNIT



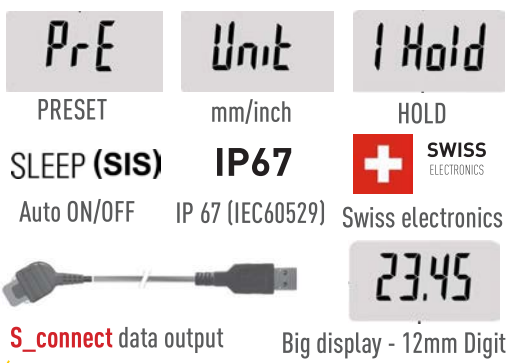
MDS SOFTWARE







SwissMet IP67 FUNCTIONS



VIDEO

CONNECTION possibilities

SwissMet interface

SwissMet IP67 DIGITAL CALIPER

- SwissMet IP67 digital caliper
- Accuracy up to **±20µm** on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- S_connect data output (with optional USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower carbide jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	HOLD	S_connect
	mm	inch	mm	µm								
141072102	0-150	0-6"	0,01	±20	40/16	IP-67		•	•	•	•	•
141072102R							•	•	•	•	•	•
141072202	0-200	0-8"		±20	50/17			•	•	•	•	•
141072302	0-300	0-12"		±30	60/20			•	•	•	•	•

CARBIDE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accur-acy	Jaws	Protection	Preset	mm/inch	Auto on/off	HOLD	S_connect
	mm	inch	mm	µm							
141072122C	0-150	0-6"	0,01	±20	40/16	IP-67	•	•	•	•	•
141072222C	0-200	0-8"		±20	50/17		•	•	•	•	•
141072322C	0-300	0-12"		±30	60/20		•	•	•	•	•

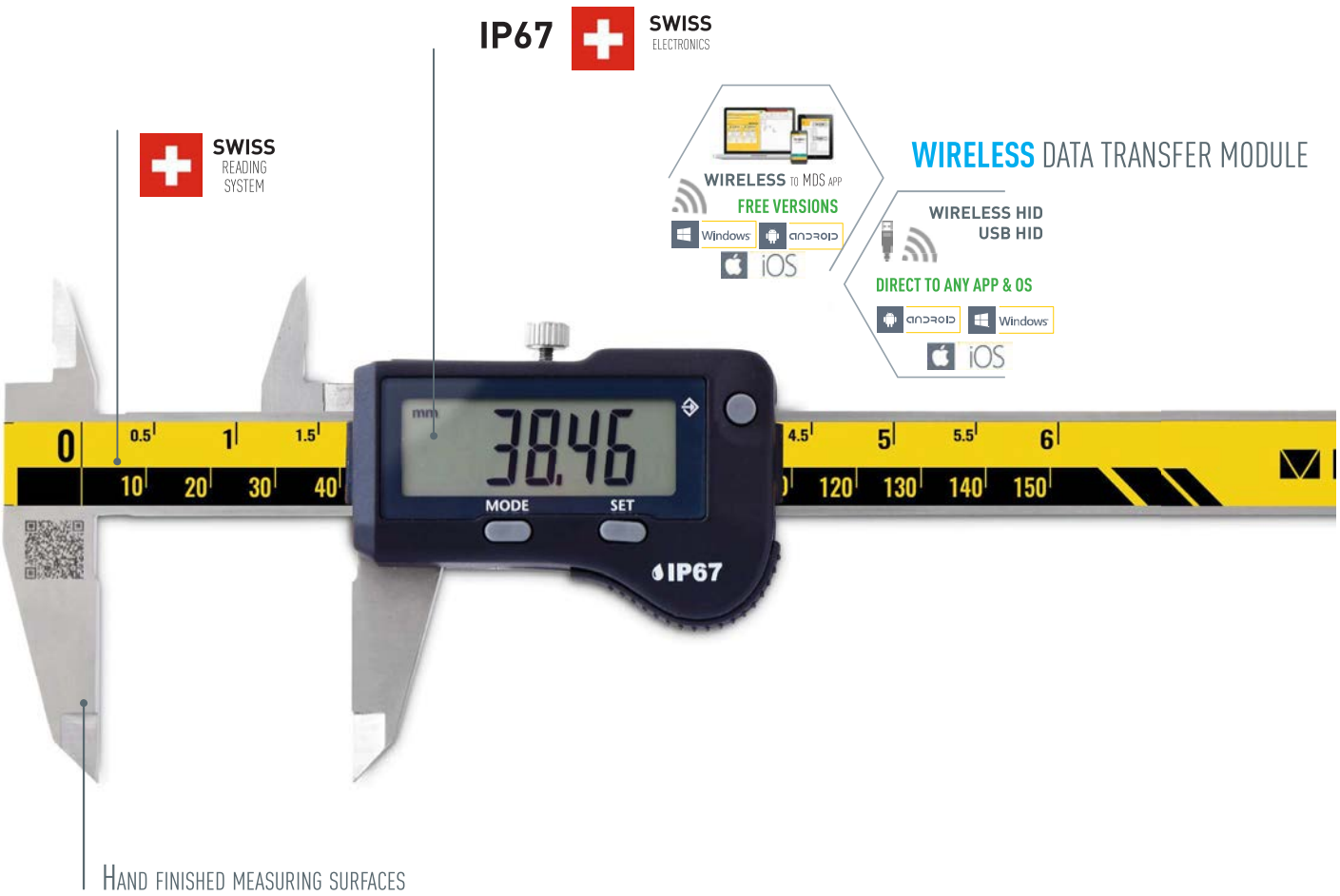
DELIVERY SET

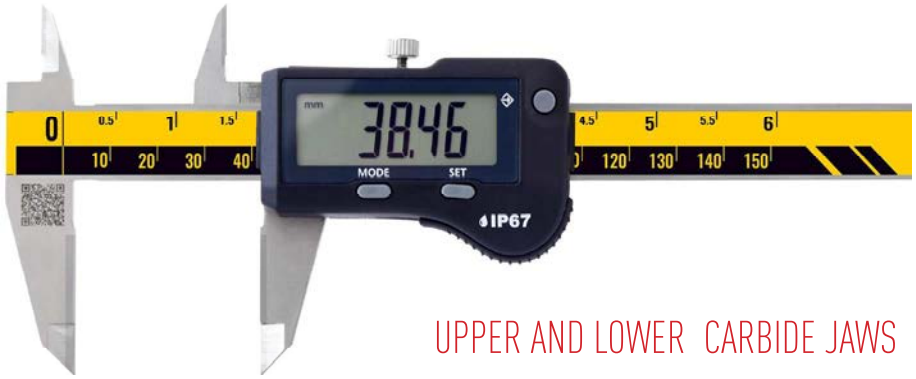
CALIBRATION PROTOCOL

OPTIONAL

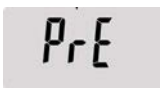
SwissMet DATA CABLE







WIRELESS SwissMet IP67 FUNCTIONS



PRESET



mm/inch



Big display - 12mm Digit

SLEEP (SIS)

Auto ON/OFF

IP67

IP 67 (IEC60529)

SWISS ELECTRONICS

Swiss electronics

MDS APP

WIRELESS MDS app

HID

WIRELESS HID

HID MAC

WIRELESS HID+MAC

VIDEO

SwissMet interface

CONNECTION possibilities

WIRELESS SwissMet IP67 DIGITAL CALIPER

- WIRELESS SwissMet IP67 digital caliper
- Accuracy up to **±20µm** on external jaws (internal and depth according ISO13385)
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- 3 MODES WIRELESS data transfer: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** Upper and Lower CARBIDE jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm							
141072192	0-150	0-6"	0,01	±20	40/16	IP-67		•	•	•	•
141072192R							•	•	•	•	•
141072292	0-200	0-8"		±20	50/17			•	•	•	•
141072392	0-300	0-12"		±30	60/20			•	•	•	•

CARBIDE WIRELESS SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm						
141072192C	0-150	0-6"	0,01	±20	40/16	IP-67	•	•	•	•
141072292C	0-200	0-8"		±20	50/17		•	•	•	•
141072392C	0-300	0-12"		±30	60/20		•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- Big screen **CertiMet** digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- **MODIFICATION with** or without thumb roller
- **MODIFICATION with** Upper and Lower CARBIDE jaws
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

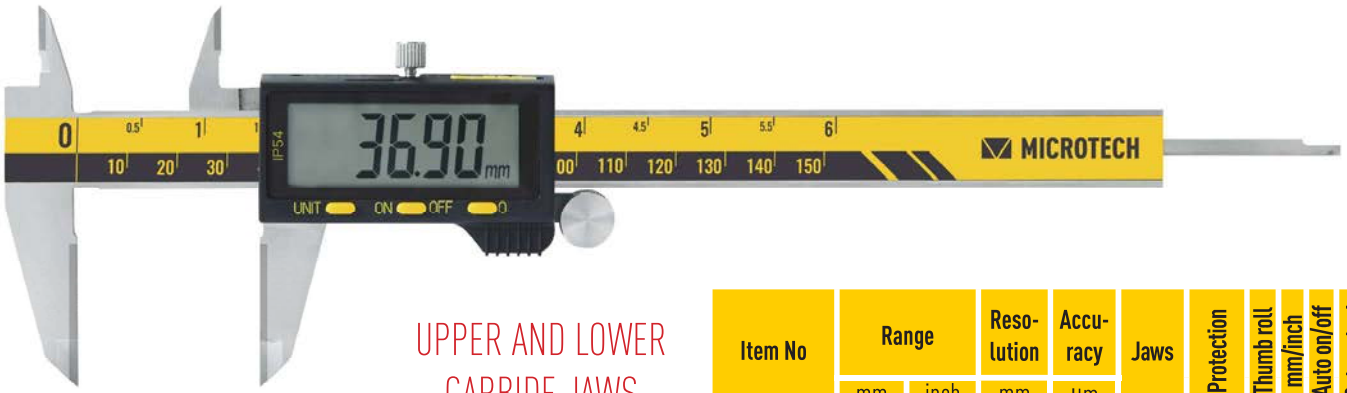
VIDEO



Hand finished measuring surfaces

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Thumb roller	Round rod	mm/inch	Auto on/off	Data output
	mm	inch	mm	µm							
141083111	0-150	0-6"	0,01	±20	40/16	IP-54			•	•	micro-USB
141083112							•		•	•	
141083112R							•	•	•	•	
141083211	0-200	0-8"		±20	50/17				•	•	
141083212							•				
141083311	0-300	0-12"		±30	60/20				•	•	
141083312							•				

CARBIDE CertiMet digital caliper IP54



UPPER AND LOWER CARBIDE JAWS

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Thumb roll	mm/inch	Auto on/off	Data output
	mm	inch	mm	µm						
141083111C	0-150	0-6"	0,01	±20	40/16	IP-54	•	•	•	micro-USB
141083212C	0-200	0-8"		±20	50/17		•	•	•	
141083312C	0-300	0-12"		±30	60/20		•	•	•	

DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



CertiMet PRESET digital caliper IP54

- **CertiMet** digital caliper **IP54** with PRESET function
- Micro USB data output (optional USB HID cable **29900830**)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

HAND FINISHED MEASURING SURFACES

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Round rod	Preset	mm/inch	Auto on/off	Data output
	mm	inch	mm	µm							
141081112	0-150	0-6"	0,01	±20	40/16	IP-54		•	•	•	micro-USB
141081112R							•	•	•	•	
141081212	0-200	0-8"		±20	50/17			•	•	•	
141081312	0-300	0-12"		±30	60/20			•	•	•	

DELIVERY SET

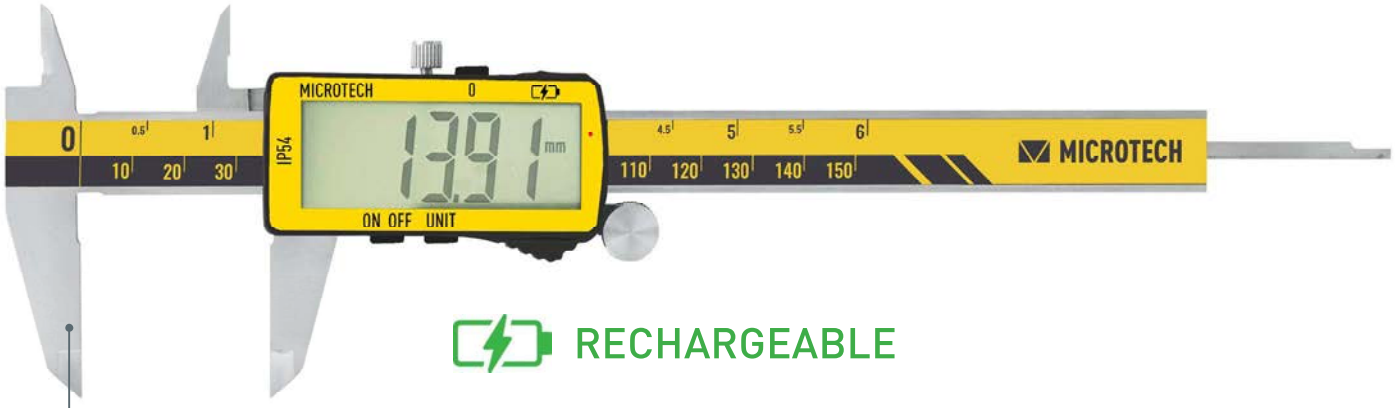
CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID DATA TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A KEYBOARD



- **CertiMet** RECHARGEABLE Big screen digital caliper **IP54** waterproof in Metal casing
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- Internal Li-Pol battery (USB charging cable including)
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



RECHARGEABLE

Hand finished measuring surfaces

Item No	Range		Reso-lution	Accu-racy	Jaws	Protection	Thumb roller	mm/inch	Auto on/off	Rechargeable	USB
	mm	inch	mm	µm							
141080112	0-150	0-6"	0,01	±20	40/16	IP-54	•	•	•	•	micro-USB
141080212	0-200	0-8"		±20	50/17		•	•	•	•	
141080312	0-300	0-12"		±30	60/20		•	•	•	•	

DELIVERY SET

CALIBRATION PROTOCOL

CHARGING CABLE

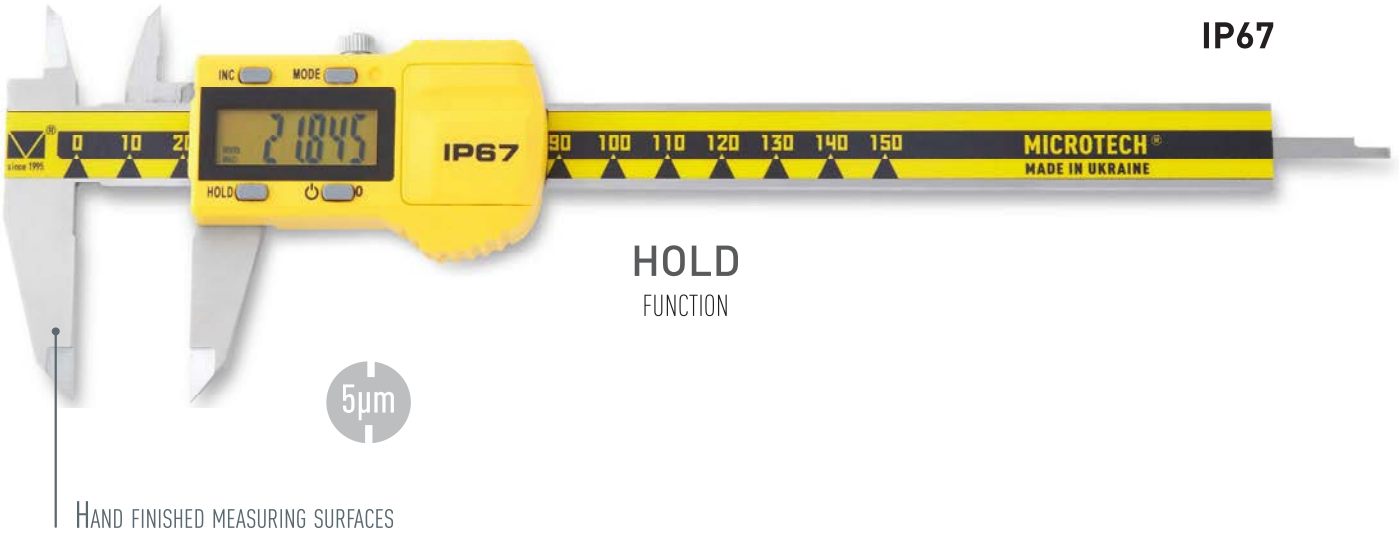


OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



- **CertiMet** digital caliper IP67 waterproof
- Waterproof IP67 electronics with **5µm** or **10µm** resolution
- **HOLD** function
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Jaws	mm/inch	Auto on/off	HOLD
	mm	inch	mm	µm				
141085102	0-150	0-6"	0,01	±20	40/16	•	•	•
141085112			0,005			•	•	•
141085202	0-200	0-8"	0,01	±20	50/17	•	•	•
141085212			0,005			•	•	•
141085302	0-300	0-12"	0,01	±30	60/20	•	•	•
141085312			0,005			•	•	•

VIDEO

DELIVERY SET

CALIBRATION PROTOCOL

1µm

SWISS READING SYSTEM

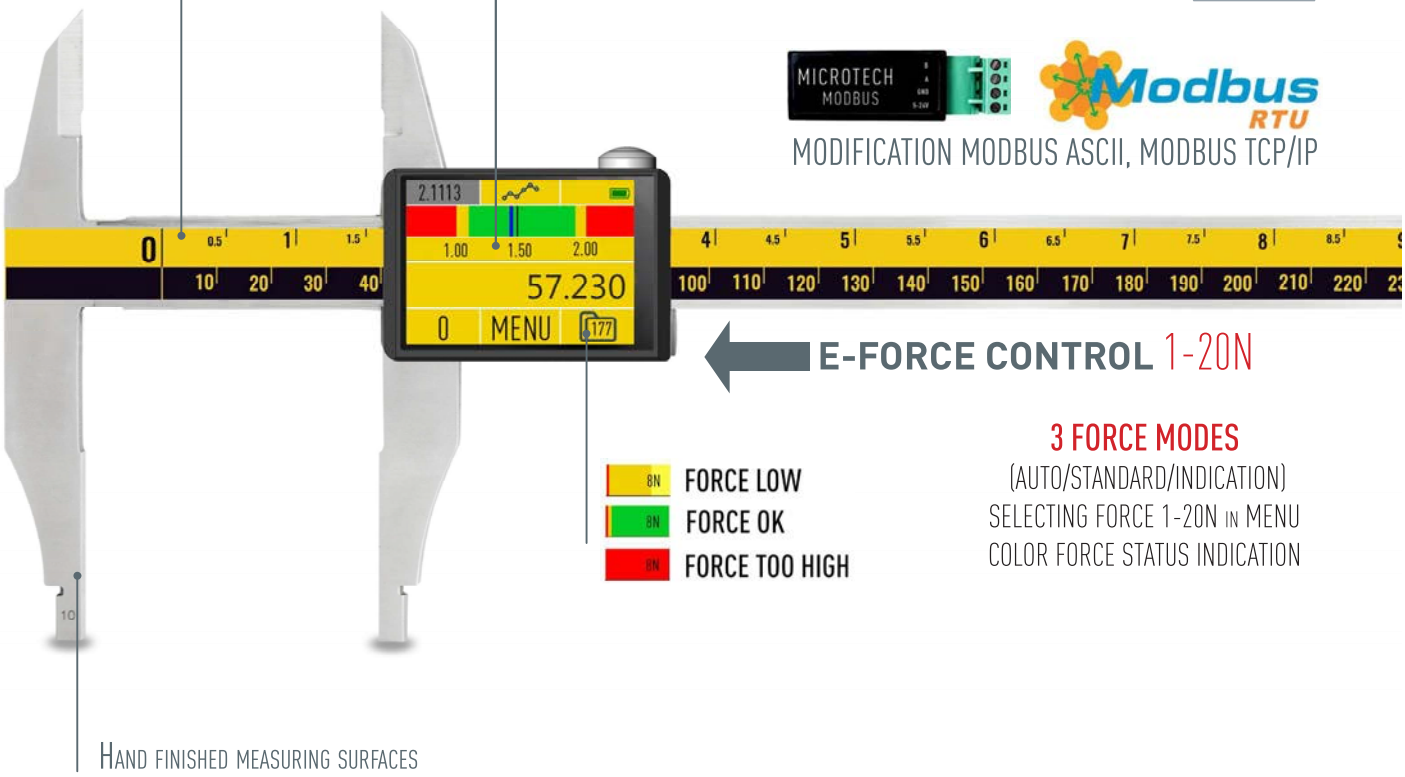
TABLET MULTIFUNCTIONAL **MICS**
2.0" TOUCHSCREEN DISPLAY

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
Windows
iOS
WIRELESS HUB CONNECTION
WIRELESS TO MDS APP
FREE VERSIONS
Windows
iOS
INDICATOR FOR 2D / PROBE/ANGLE

MICROTECH MODBUS

Modbus RTU

MODIFICATION MODBUS ASCII, MODBUS TCP/IP



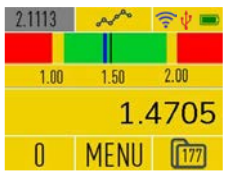
E-FORCE CONTROL 1-20N

8N FORCE LOW
8N FORCE OK
8N FORCE TOO HIGH

3 FORCE MODES
(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES

DATAMET FUNCTIONS



ANALOG SCALE



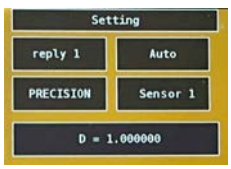
COLOR GO / NOGO



COLOR MAX / MIN / RANGE



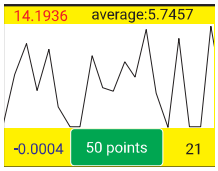
TIMER



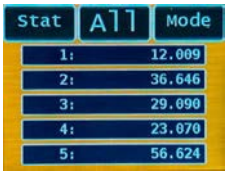
TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



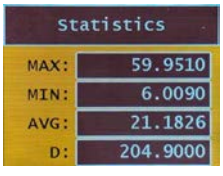
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



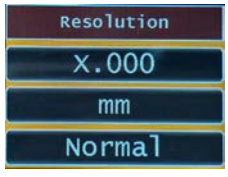
TEMPERATURE COMPENSATION



PASSWORD



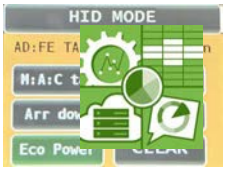
DISPLAY & ENERGY



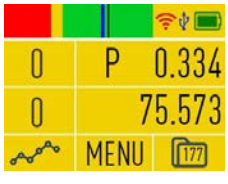
RESOLUTION, mm/inch



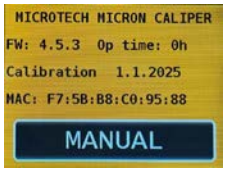
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

- **Industry 4.0** adopted Mid-size caliper with computerized **MICS** system with 2.0"color Touchscreen (Patents US10184772,UA174949,UA126928)
- **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON DataMet E-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm															
141088321A	0-300	0-12"	0,001	±12	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141088521A	0-500	0-20"		±15		100/30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141088621A	0-600	0-24"		±18			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS MICRON DataMet E-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Password	Memory	Statistics	WIRELESS	USB HID	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	N	mm																		
141088321M	0-300	0-12"	0,001	±12	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	OPTION	OPTION
141088521M	0-500	0-20"		±15		100/30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
141088621M	0-600	0-24"		±18			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

DataMet interface

CONNECTION possibilities

MODBUS protocol

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

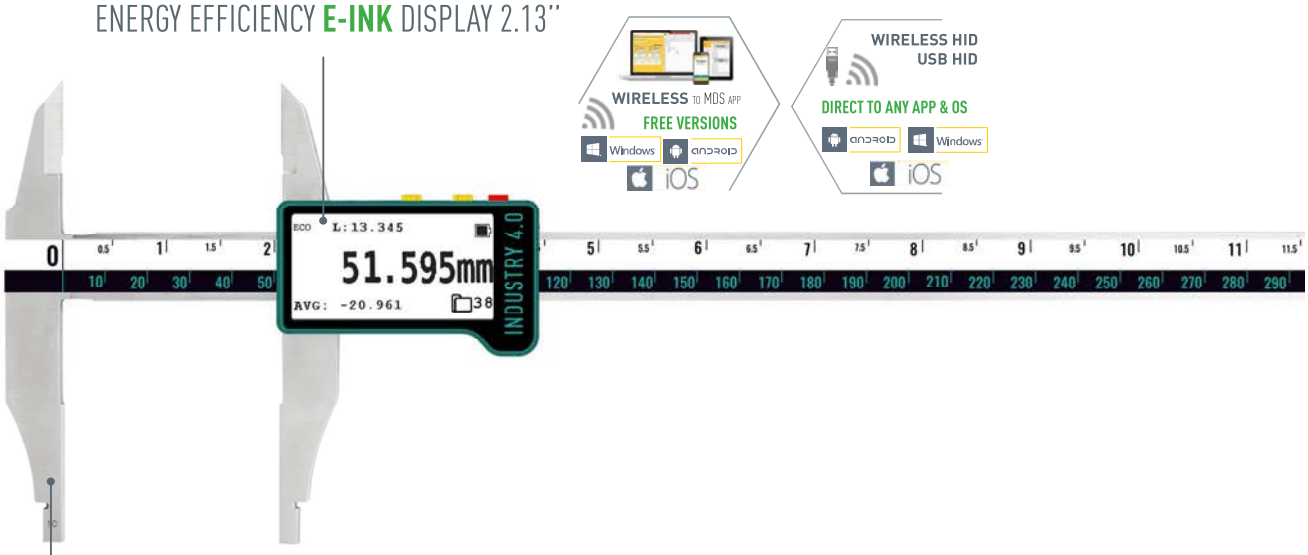
DATAMET BUTTON

DATAMET FOOTSWITCH

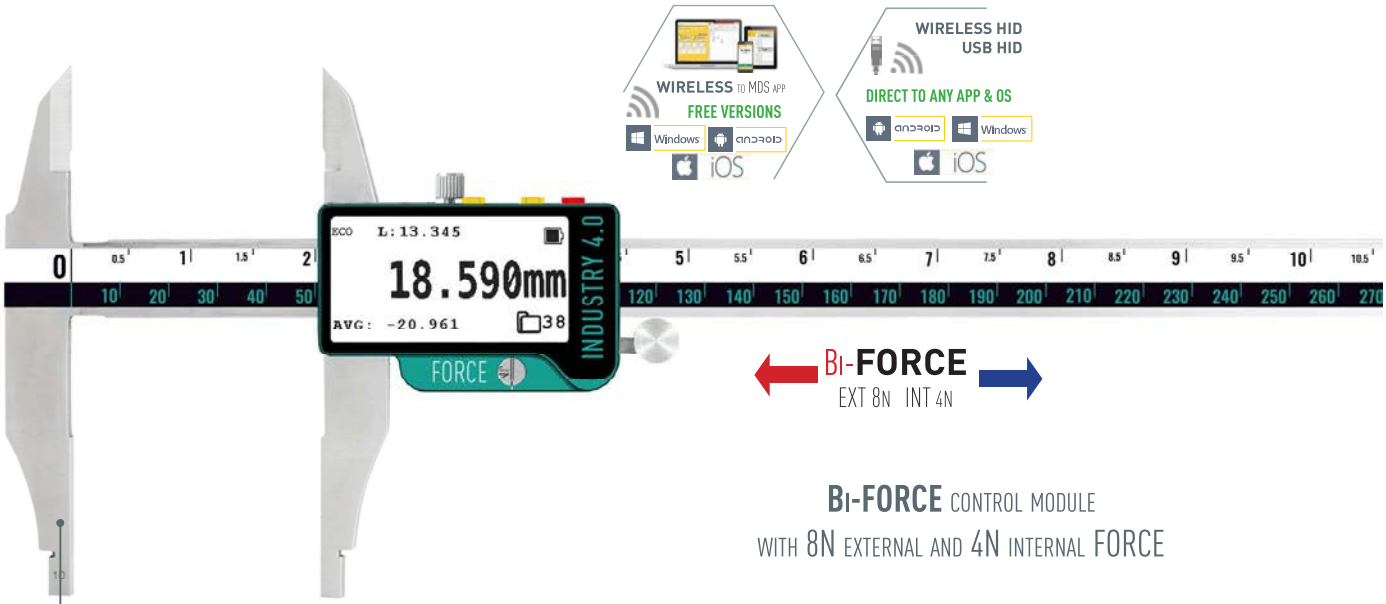
MDS DISPLAY UNIT

MDS SOFTWARE

ENERGY EFFICIENCY **E-INK** DISPLAY 2.13"



HAND FINISHED MEASURING SURFACES



BI-FORCE
EXT 8N INT 4N

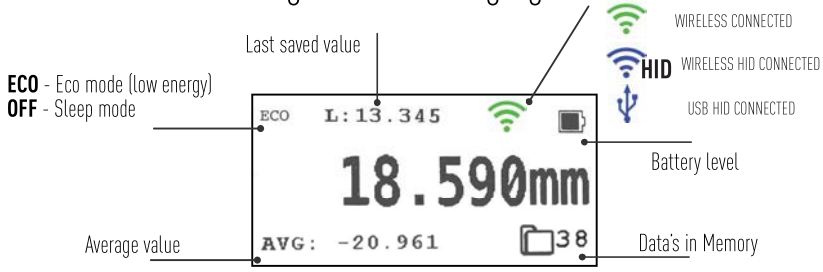
BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

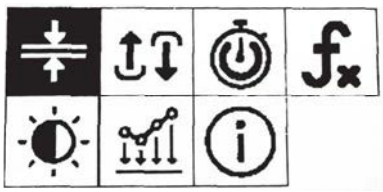
DATAMET E-INK FUNCTIONS

ENERGY ECONOMY 2.13" E-INK DISPLAY

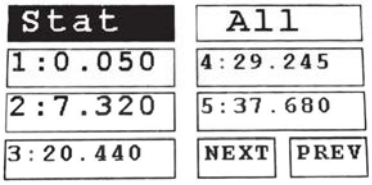
200+ working hours/1 charging



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS



DataMet E-INK CALIPER EXTERNAL KNIFE-EDGE JAWS

- **Industry 4.0** adopted Mid-size E-ink caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ENERGY ECONOMY 2.13" E-ink display (200+ working hours / 1 charging)
- **Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips**
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- Modification with **Double Force** control module with 8N external and 4N internal FORCE
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet E-INK CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS
	mm	inch	mm	µm	N	mm														
141093321B	0-300	0-12"	0,005	±20	-	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet E-INK Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS
	mm	inch	mm	µm	N	mm														
141093321F	0-300	0-12"	0,005	±15	8 /4	60/40	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•

CONNECTION possibilities

E-ink interface

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

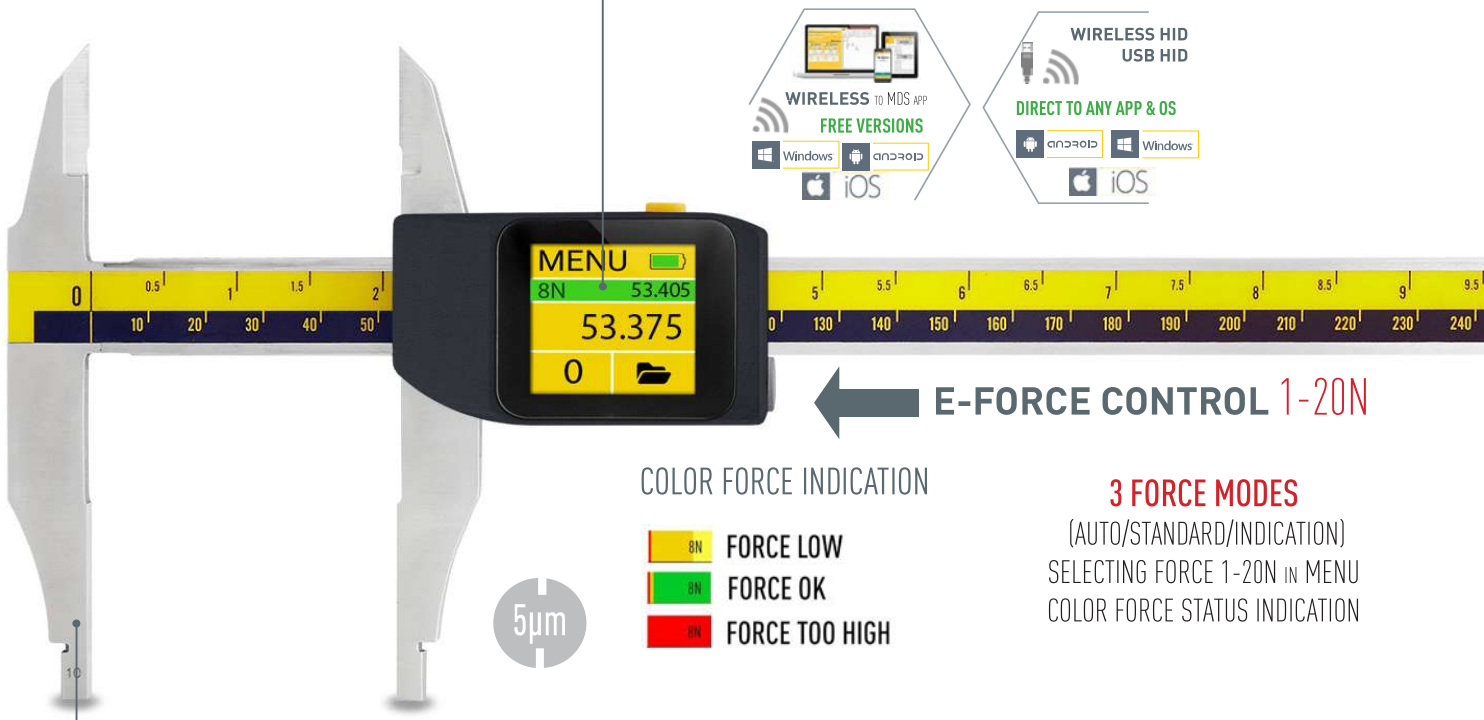
DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

- **Industry 4.0** adopted Mid-size caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips**
- **Min Resolution 0.005mm** (0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY



COLOR FORCE INDICATION

- FORCE LOW
- FORCE OK
- FORCE TOO HIGH

3 FORCE MODES
(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES

Item No	Range		Reso-lution	Accu-racy*	Force	Jaws	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Auto off	Memory	Statistics	WIRELESS	USB HID
	mm	inch	mm	µm	N	mm														
141077321A	0-300	0-12"	0,005	±15	1-20	60/40	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD MDS app WINDOWS (Windows)

DOWNLOAD MDS app iOS, MacOS (macOS, iOS)

DOWNLOAD MDS app ANDROID (android)

DataMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- Mid-size digital caliper **IP54** waterproof with PRESET function
- **Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips**
- Micro USB data output (optional USB HID cable **29900830**)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

HAND FINISHED MEASURING SURFACES

Item No	Range		Reso-lution	Accu-racy*	Jaws	Protection	Thumb roller	Preset	mm/inch	Auto on/off	USB
	mm	inch	mm	µm	mm						
141083321	0-300	0-12"	0,01	±30	60/40	IP-54	•	•	•	•	•

DELIVERY SET

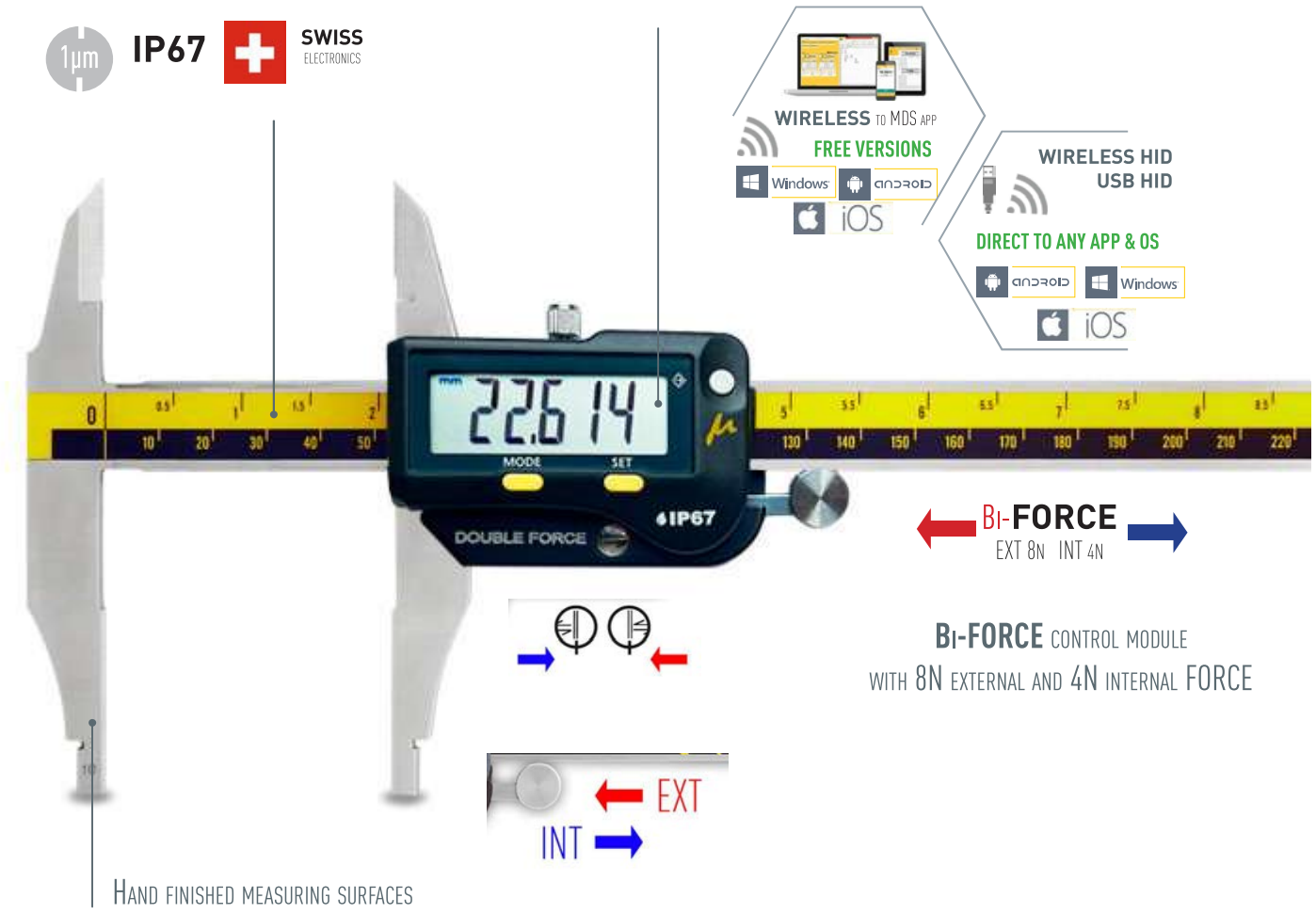
CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

1 Hold
HOLD

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

MICRON SwissMet IP67 Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

- **Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips**
- **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to **±12µm** on external jaws (internal according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **MODIFICATION with S_connect** data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON SwissMet IP67 Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	N	mm	mm					
141079323	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	17x5	IP-67	•	•	•	•
141079523	0-500	0-20"		±16		100/30			•	•	•	•
141079623	0-600	0-24"		±20					•	•	•	•

CONNECTION possibilities

WIRELESS MICRON SwissMet IP67 Bi-FORCE CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Double force	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	N	mm	mm					
141079393	0-300	0-12"	0,001	±12	8 ext 4 int	60/40	17x5	IP-67	•	•	•	•
141079593	0-500	0-20"		±16		100/30			•	•	•	•
141079693	0-600	0-24"		±20					•	•	•	•

SwissMet interface

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



IP67 SWISS ELECTRONICS

WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS



HAND FINISHED MEASURING SURFACES

1µm IP67 SWISS ELECTRONICS

WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS



HAND FINISHED MEASURING SURFACES

SwissMet IP67 FUNCTIONS

PrE PRESET

Unit mm/inch

1 Hold HOLD

SLEEP (SIS) Auto ON/OFF

IP67 IP 67 (IEC60529)

SWISS ELECTRONICS Swiss electronics

MDS APP WIRELESS MDS app

HID WIRELESS HID

SwissMet IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

- **Long jaws up for internal (>10mm) and external measuring, Upper jaws with measuring tips**
- Waterproof IP67 Swiss electronics with 0,001 or 0.01mm resolution
- High accuracy up to **±20µm** on external jaws (internal according ISO13385)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **MODIFICATION with** 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **MODIFICATION with** S_connect data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	mm	mm					
141072323	0-300	0-12"	0,01	±30	60/40	17x5	IP67	•	•	•	•
141072523	0-500	0-20"		±30	100/30			•	•	•	•
141072623	0-600	0-24"		±30				•	•	•	•

WIRELESS SwissMet IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm	mm					
141072393	0-300	0-12"	0,01	±30	60/40	17x5	IP67	•	•	•	•
141072593	0-500	0-20"		±30	100/30			•	•	•	•
141072693	0-600	0-24"		±30				•	•	•	•

MICRON SwissMet IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	mm	mm					
141072324	0-300	0-12"	0,001	±20	60/40	17x5	IP67	•	•	•	•
141072524	0-500	0-20"		±20	100/30			•	•	•	•
141072624	0-600	0-24"		±20				•	•	•	•

MICRON WIRELESS SwissMet IP67 CALIPER EXTERNAL KNIFE-EDGE JAWS

Item No	Range		Reso-lution	Accu-racy*	Jaws	Bar section	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm	mm					
141072394	0-300	0-12"	0,001	±20	60/40	17x5	IP67	•	•	•	•
141072594	0-500	0-20"		±20	100/30			•	•	•	•
141072694	0-600	0-24"		±20				•	•	•	•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



IP67 SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES





1µm IP67 SWISS ELECTRONICS

MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



HAND FINISHED MEASURING SURFACES

SwissMet IP67 FUNCTIONS

PRESET

mm/inch

HOLD

SLEEP **(SIS)**
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

SwissMet IP67 LONG JAW DIGITAL CALIPER

- **Long jaws up for internal (>10mm) and external measuring**
- Waterproof IP67 Swiss electronics with **0,001** or 0,01mm resolution
- High accuracy up to **±20µm** on external jaws (internal according ISO13385)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **MODIFICATION with S_connect** data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	S_connect
	mm	inch	mm	mm	µm	mm	kg					
141072311	0-300	0-12"	0,01	100	±20	17x5	0,69	IP67	•	•	•	•
141072411	0-400	0-16"			±30		0,79		•	•	•	•
141072511	0-500	0-20"			±30		0,88		•	•	•	•
141072611	0-600	0-24"			±30		0,98		•	•	•	•

WIRELESS SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	mm	kg					
141072391	0-300	0-12"	0,01	100	±20	17x5	0,69	IP67	•	•	•	•
141072491	0-400	0-16"			±30		0,79		•	•	•	•
141072591	0-500	0-20"			±30		0,88		•	•	•	•
141072691	0-600	0-24"			±30		0,98		•	•	•	•

SwissMet interface

CONNECTION possibilities

MICRON SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	S_connect
	mm	inch	mm	mm	µm	mm	kg					
141074312	0-300	0-12"	0,001	100	±15	17x5	0,69	IP67	•	•	•	•
141074412	0-400	0-16"			±20		0,79		•	•	•	•
141074512	0-500	0-20"			±20		0,88		•	•	•	•
141074612	0-600	0-24"			±20		0,98		•	•	•	•

DOWNLOAD MDS app WINDOWS

Windows

DOWNLOAD MDS app iOS, MacOS

macOS iOS

DOWNLOAD MDS app ANDROID

android

WIRELESS MICRON SwissMet IP67 LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	mm	kg					
141074392	0-300	0-12"	0,001	100	±15	17x5	0,69	IP67	•	•	•	•
141074492	0-400	0-16"			±20		0,79		•	•	•	•
141074592	0-500	0-20"			±20		0,88		•	•	•	•
141074692	0-600	0-24"			±20		0,98		•	•	•	•

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



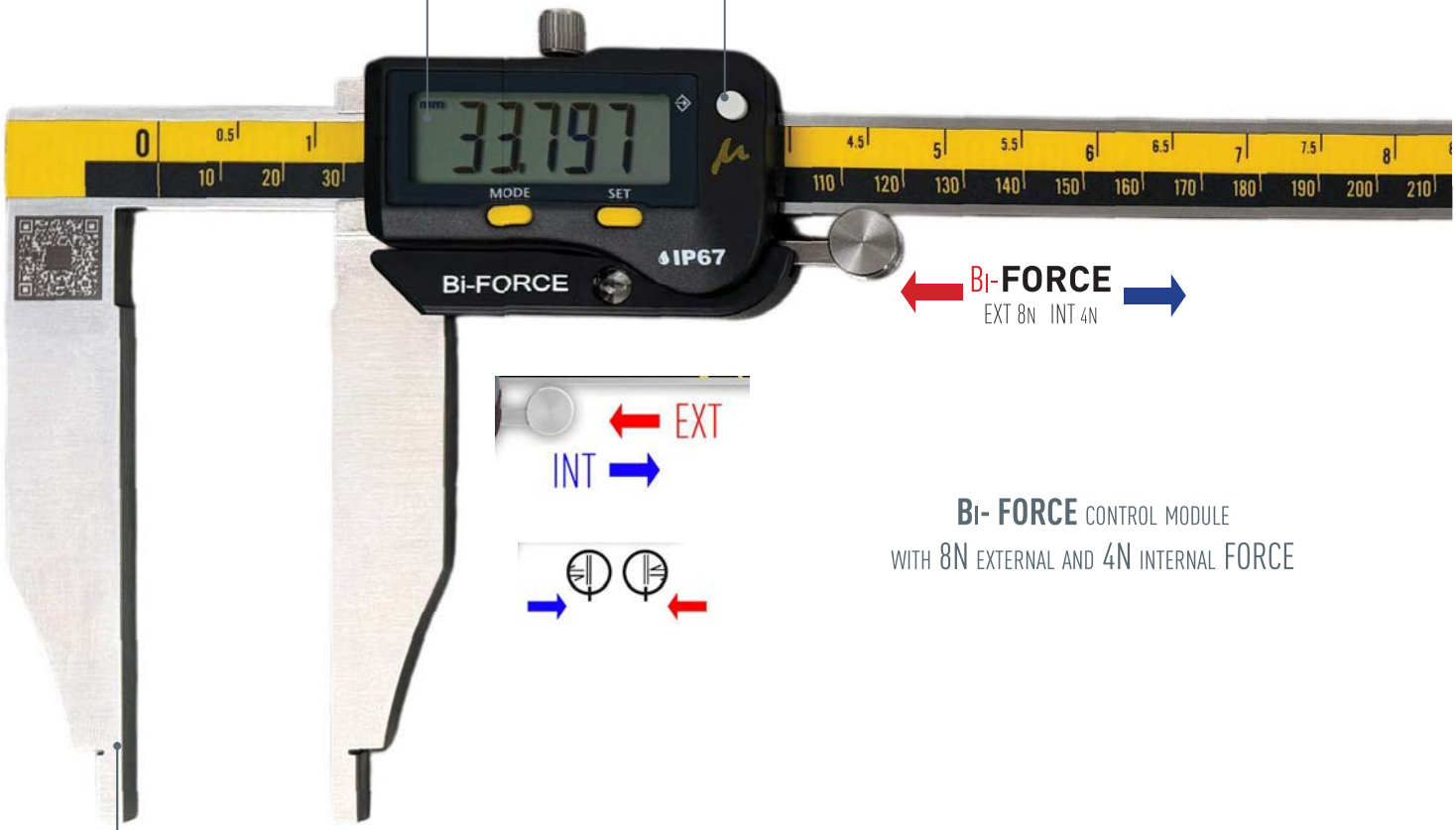
MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS

1µm IP67 SWISS ELECTRONICS

MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



Bi-**FORCE**
EXT 8N INT 4N

Bi- FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

HAND FINISHED MEASURING SURFACES

SwissMet IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

I Hold
HOLD

SLEEP **(SIS)**
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

- **Long jaws up for internal (>10mm) and external measuring**
- **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- High accuracy up to **±10µm** on external jaws (internal according ISO13385)
- High quality **MICRON** Swiss electronics with PRESET function and **IP67** protection (IEC60529)
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 12mm) with refresh rate >10/s
- **MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **MODIFICATION with S_connect** data output (with optional **S_connect** USB cable)
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Double force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	S_connect
	mm	inch	mm	mm	µm	N	mm	kg					
141074316	0-300	0-12"	0,001	100	±10	8 ext 4 int	17x5	0,69	IP67	•	•	•	•
141074416	0-400	0-16"			±12			0,79		•	•	•	•
141074516	0-500	0-20"			±15			0,88		•	•	•	•
141074616	0-600	0-24"			±20			0,98		•	•	•	•

WIRELESS MICRON SwissMet IP67 Bi-FORCE LONG JAW DIGITAL CALIPER

Item No	Range		Resol	Jaw	Accur.	Double force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	N	mm	kg					
141074396	0-300	0-12"	0,001	100	±10	8 ext 4 int	17x5	0,69	IP67	•	•	•	•
141074496	0-400	0-16"			±12			0,79		•	•	•	•
141074596	0-500	0-20"			±15			0,88		•	•	•	•
141074696	0-600	0-24"			±20			0,98		•	•	•	•

SwissMet interface

CONNECTION possibilities

VIDEO

DOWNLOAD MDS app WINDOWS

Windows

DOWNLOAD MDS app iOS, MacOS

macOS iOS

DOWNLOAD MDS app ANDROID

android

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT

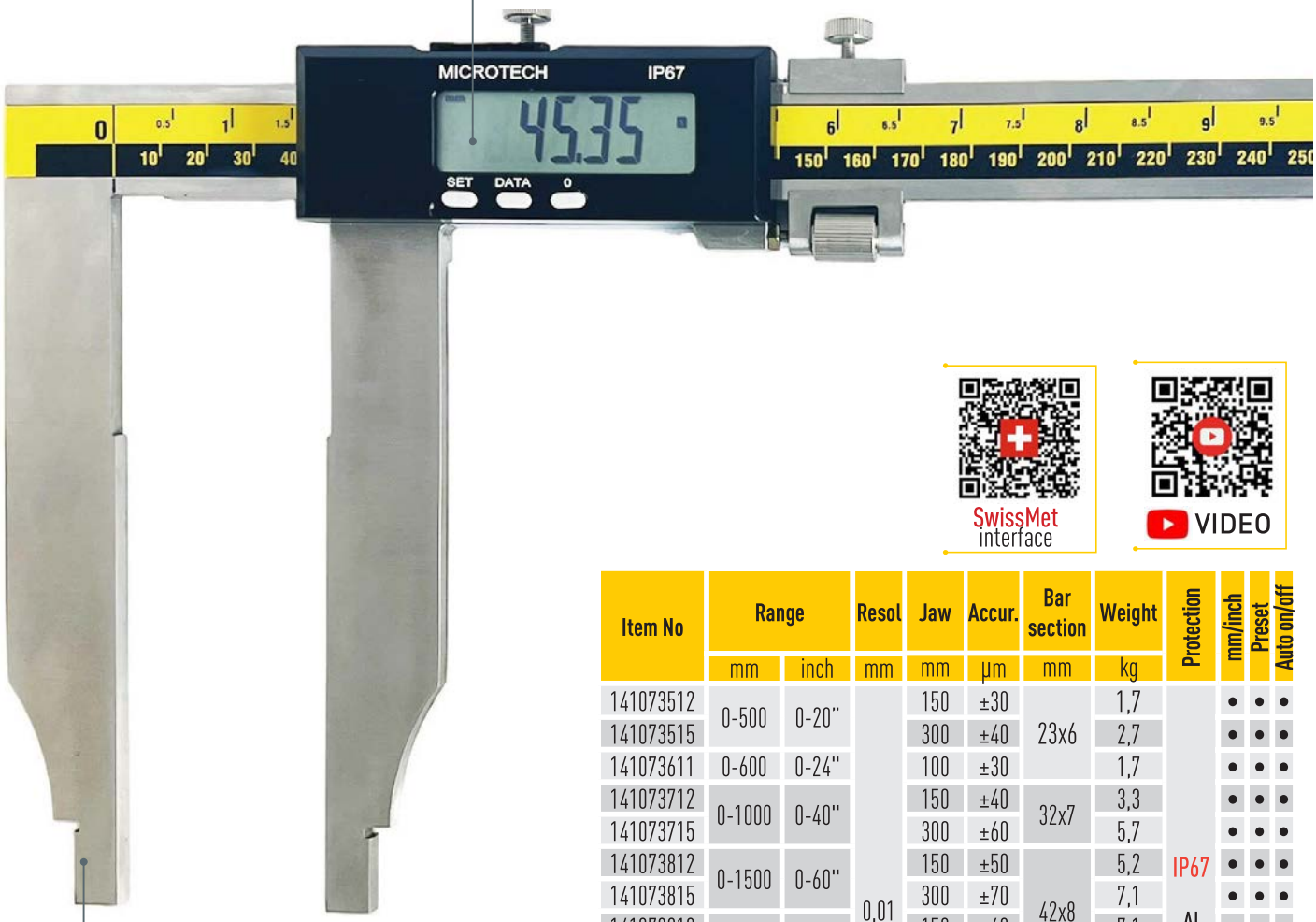


MDS SOFTWARE



- Long jaw digital caliper with waterproof IP67 Swiss electronics with PRESET function
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67 SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES

SwissMet interface

VIDEO

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off
	mm	inch	mm	mm	µm	mm	kg				
141073512	0-500	0-20"	0,01	150	±30	23x6	1,7	IP67 Al case	•	•	•
141073515				300	±40		2,7		•	•	•
141073611	0-600	0-24"		100	±30		1,7		•	•	•
141073712	0-1000	0-40"		150	±40	32x7	3,3		•	•	•
141073715				300	±60		5,7		•	•	•
141073812	0-1500	0-60"		150	±50	42x8	5,2		•	•	•
141073815				300	±70		7,1		•	•	•
141073912	0-2000	0-80"		150	±60		7,1		•	•	•
141073915				300	±80		8,6		•	•	•
141073255	0-2500	0-100'			±90	53x8			•	•	•
141073305	0-3000	0-120'			±100				•	•	•
141073405	0-4000	0-160'			±130				•	•	•
141073505	0-5000	0-200'			±160				•	•	•
141073605	0-6000	0-240'			±200				•	•	•

SwissMet IP67 FUNCTIONS

PrE — PRESET

Unit — mm/inch

1 Hold — HOLD

SLEEP **(SIS)** — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

DELIVERY SET

ilac-MRA CALIBRATION PROTOCOL

WIRELESS SwissMet IP67 LONG JAW DIGITAL CALIPER

- Long jaw **WIRELESS** digital caliper with waterproof IP67 Swiss electronics with PRESET function
- High quality Swiss electronics with PRESET function and IP67 protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67 SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES

WIRELESS TO MDS APP
FREE VERSIONS
Windows
android
iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android
Windows
iOS

DOWNLOAD
MDS app WINDOWS
Windows

DOWNLOAD
MDS app iOS, MacOS
macOS
iOS

DOWNLOAD
MDS app ANDROID
android

Item No	Range		Resol	Jaw	Accur.	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	mm	kg					
141073592	0-500	0-20"	0,01	150	±30	23x6	1,75	IP67 Al case	•	•	•	•
141073595				300	±40		2,65		•	•	•	•
141073691	0-600	0-24"		100	±30		1,66		•	•	•	•
141073792	0-1000	0-40"		150	±40	32x7	3,32		•	•	•	•
141073795				300	±60		5,70		•	•	•	•
141073892	0-1500	0-60"		150	±50	42x8	5,2		•	•	•	•
141073895				300	±70		7,1		•	•	•	•
141073992	0-2000	0-80"		150	±60		7,1		•	•	•	•
141073995				300	±80		8,6		•	•	•	•
141073265	0-2500	0-100'			±90	53x8			•	•	•	•
141073315	0-3000	0-120'			±100				•	•	•	•
141073415	0-4000	0-160'			±130				•	•	•	•
141073525	0-5000	0-200'			±160				•	•	•	•
141073625	0-6000	0-240'			±200				•	•	•	•

SwissMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

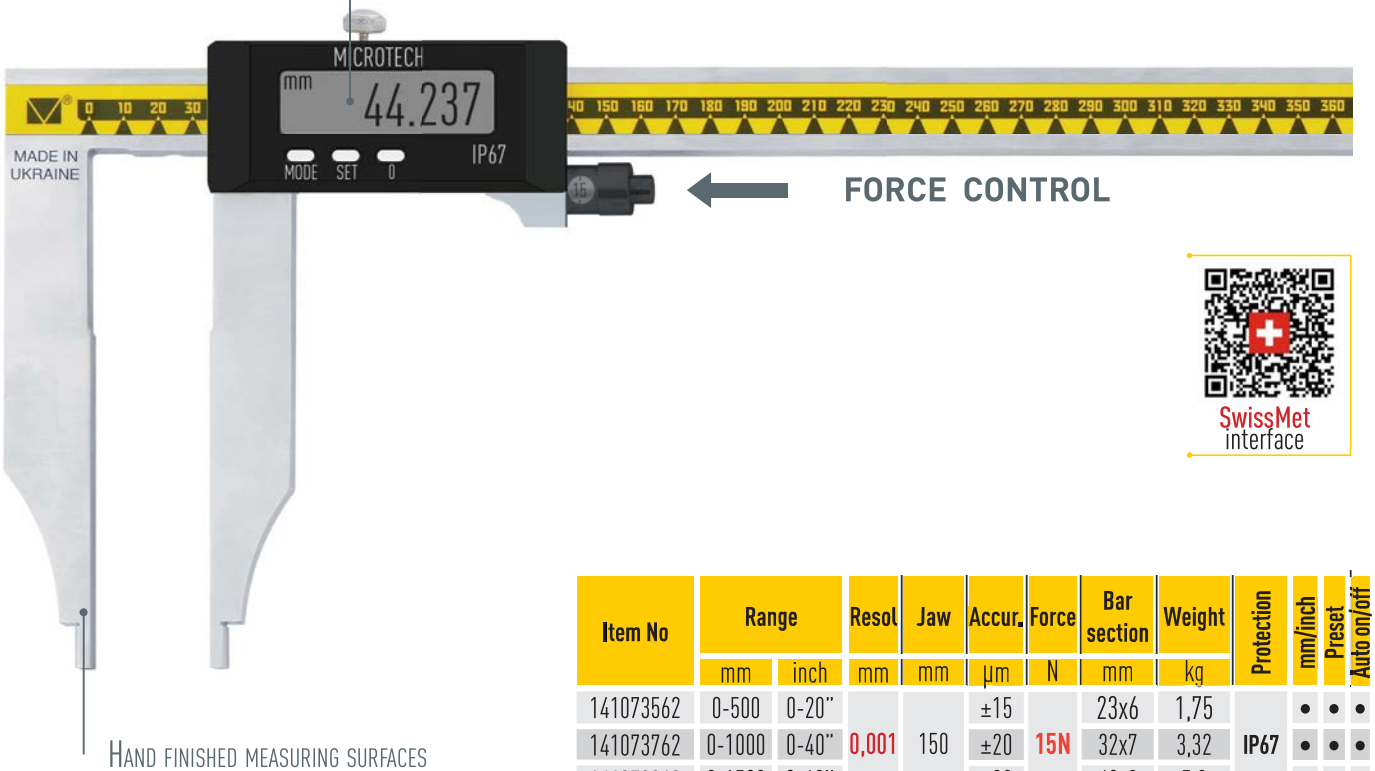


MDS SOFTWARE



- **MICRON FORCE SwissMet** Long jaw digital caliper
- **FORCE** control module with 15N external FORCE (**Patents** US10429165, UA146381)
- High quality **MICRON** Swiss electronics with PRESET function and IP67 protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

1µm **IP67** SWISS ELECTRONICS



SwissMet interface

Item No	Range		Resol	Jaw	Accur.	Force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off
	mm	inch	mm	mm	µm	N	mm	kg				
141073562	0-500	0-20"			±15		23x6	1,75		•	•	•
141073762	0-1000	0-40"	0,001	150	±20	15N	32x7	3,32	IP67	•	•	•
141073862	0-1500	0-60"			±30		42x8	5,2		•	•	•

SwissMet IP67 FUNCTIONS

PrE — PRESET

Unit — mm/inch

1 Hold — HOLD

SLEEP **(SIS)** — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

S_connect data output

23.45 — Big display - 14mm Digit

DELIVERY SET

ilac-MRA CALIBRATION PROTOCOL

WIRELESS MICRON FORCE SwissMet IP67 LONG JAW DIGITAL CALIPER

- MICRON WIRELESS FORCE SwissMet Long jaw digital caliper
- FORCE control module with 15N external FORCE (**Patents** US10429165, UA146381)
- High quality **MICRON** Swiss electronics with PRESET function and IP67 protection (IEC60529) in Aluminium casing
- Max slider speed up to 2.5 m/s
- Big screen display (Digit 14mm) with refresh rate >10/s
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- Stainless steel caliper with hand finished measuring surfaces (Ra<0.32µm)
- 3V battery (CR2032)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

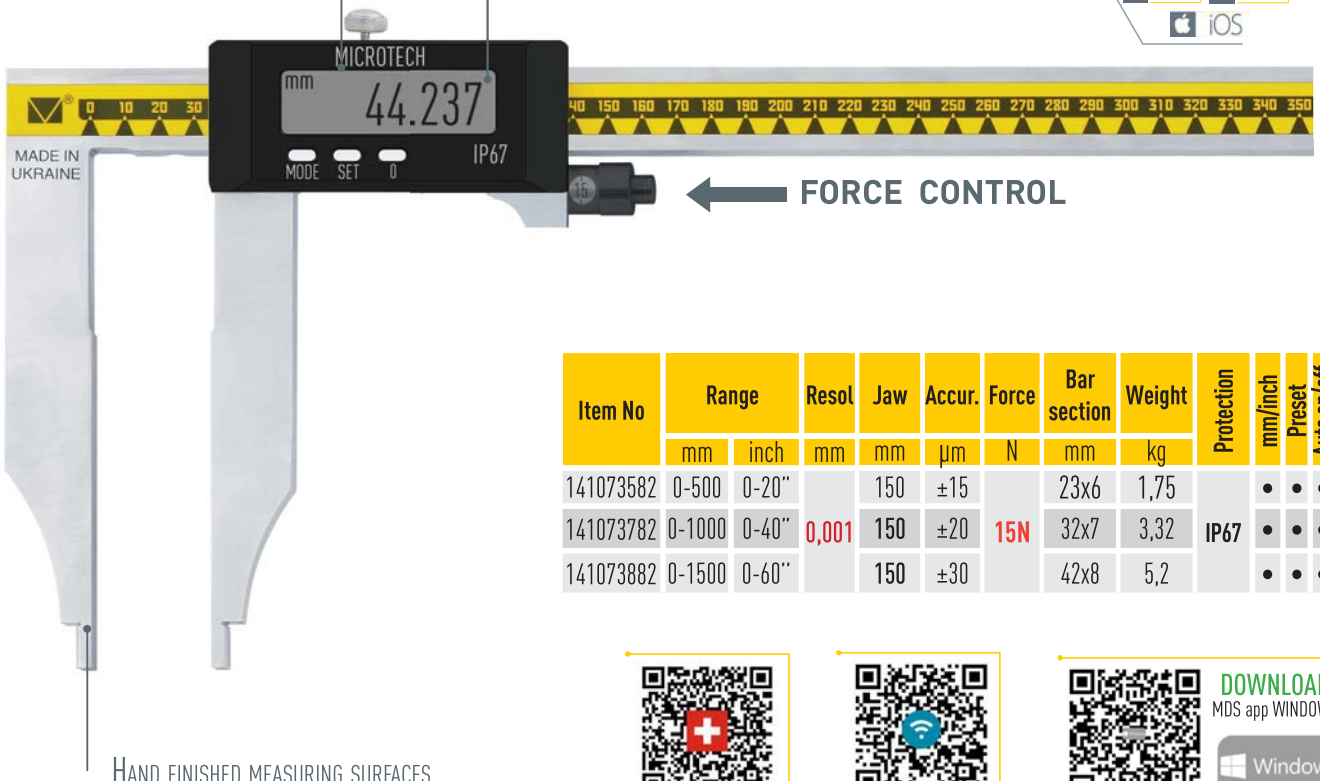
1µm **IP67** SWISS ELECTRONICS

MODIFICATION WITH BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE

WIRELESS to MDS APP FREE VERSIONS Windows android iOS

WIRELESS HID USB HID

DIRECT TO ANY APP & OS android Windows iOS



HAND FINISHED MEASURING SURFACES

Item No	Range		Resol	Jaw	Accur.	Force	Bar section	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	N	mm	kg					
141073582	0-500	0-20"	0,001	150	±15	15N	23x6	1,75	IP67	•	•	•	•
141073782	0-1000	0-40"		150	±20		32x7	3,32		•	•	•	•
141073882	0-1500	0-60"		150	±30		42x8	5,2		•	•	•	•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS Windows

DOWNLOAD MDS app iOS, MacOS macOS iOS

DOWNLOAD MDS app ANDROID android

SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

SLEEP **(SIS)** Auto ON/OFF

IP67 IP 67 (IEC60529)

SWISS ELECTRONICS Swiss electronics

MDS APP WIRELESS MDS app

HID WIRELESS HID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

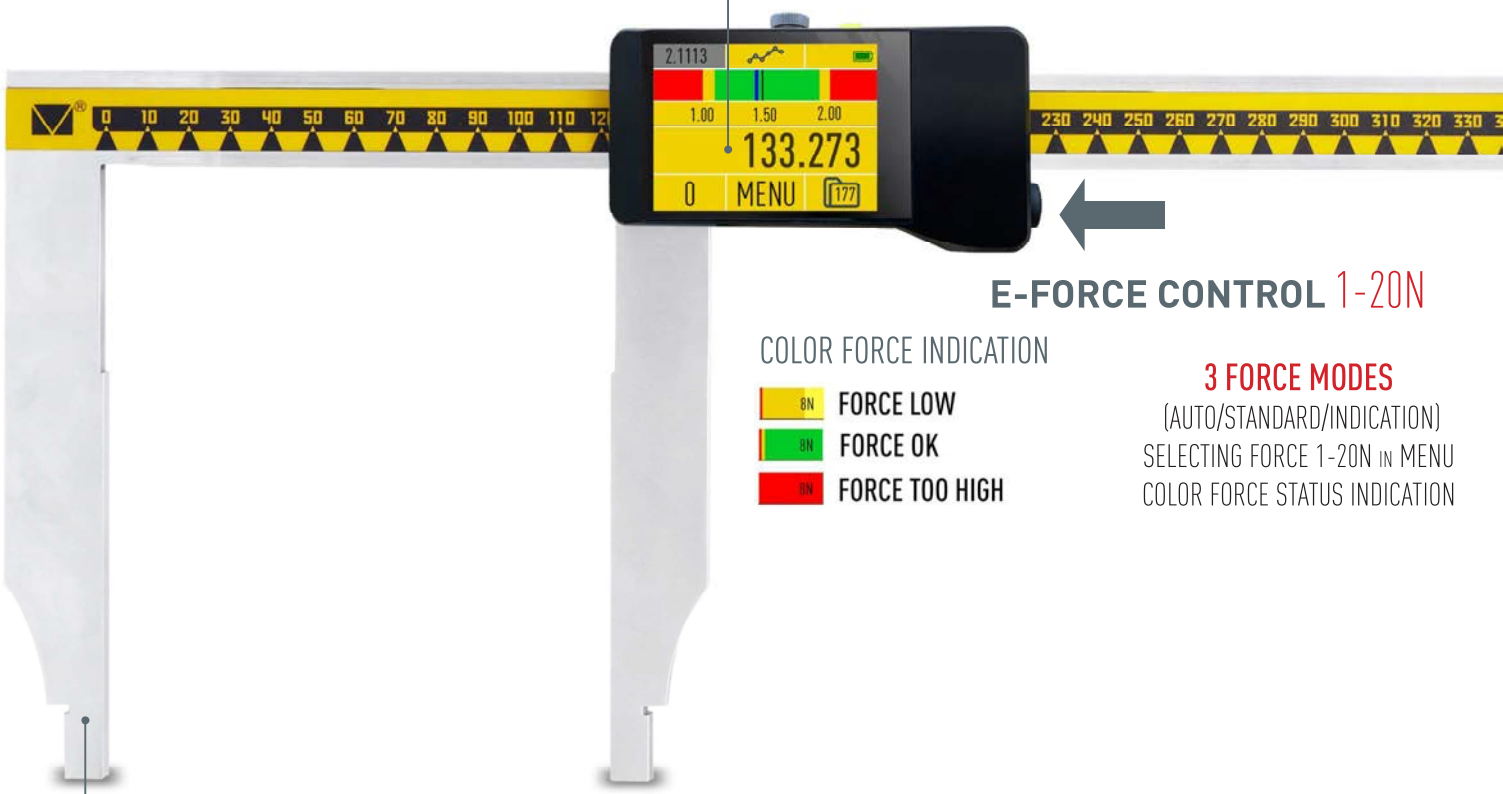
DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE STANDARD MDS app

TABLET MULTIFUNCTIONAL **MICS**
2.4'' TOUCHSCREEN DISPLAY

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS
WIRELESS HUB CONNECTION
INDICATOR FOR 2D / PROBE/ANGLE
WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS



E-FORCE CONTROL 1-20N

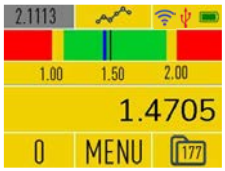
COLOR FORCE INDICATION

- 8N FORCE LOW
- 8N FORCE OK
- 8N FORCE TOO HIGH

3 FORCE MODES
(AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

HAND FINISHED MEASURING SURFACES

DATAMET FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



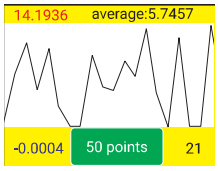
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



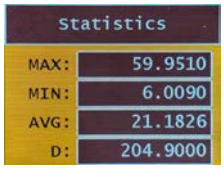
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



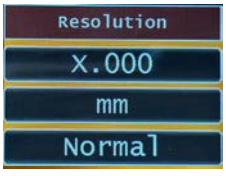
TEMPERATURE COMPENSATION



PASSWORD



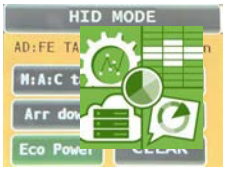
DISPLAY & ENERGY



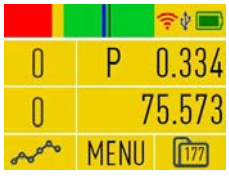
RESOLUTION, mm/inch



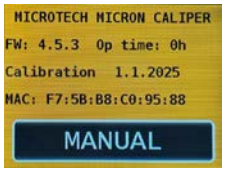
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

DataMet LONG JAW E-FORCE CALIPER

- **Industry 4.0** adopted **DataMet** caliper with computerized MICS system with 2.4" color Touchscreen
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- Modification with **MICRON with** SWISS made reading system resolution 1 micron (0,001/0,01/0,1mm selection)
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Top quality Aluminium housing (CNC machined solid block)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON DataMet LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accuracy	eForce	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	FW update
	mm	inch	mm	mm	µm	N																
141005217	0-500	0-20"	0,001	100	±20	1-20	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	•
141005227				150	±20		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141005257				300	±25		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141006217	0-630	0-25"		100	±20		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141010217	0-1000	0-40"		150	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141010257				300	±40		•	•	•	•	•	•	•	•	•	•	•	•			•	•

DataMet LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accuracy	eForce	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	FW update
	mm	inch	mm	mm	µm	N																
141005216	0-500	0-20"	0,01	100	±30	1-20	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	•
141005226				150	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141005256				300	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141006216	0-630	0-25"		100	±30		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141010216	0-1000	0-40"		150	±40		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141010256				300	±50		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141015216	0-1500	0-60"		150	±50		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141015256				300	±60		•	•	•	•	•	•	•	•	•	•	•	•			•	•
141020216	0-2000	0-80"		150	±50		•	•	•	•	•	•	•	•	•	•	•	•				
141020256				300	±60		•	•	•	•	•	•	•	•	•	•	•	•				
141025256	0-2500	0-100"			±80		•	•	•	•	•	•	•	•	•	•	•	•				
141030256	0-3000	0-120"			±90		•	•	•	•	•	•	•	•	•	•	•	•				
141040256	0-4000	0-160"			±110		•	•	•	•	•	•	•	•	•	•	•	•				
141050256	0-5000	0-200'			±130		•	•	•	•	•	•	•	•	•	•	•	•				

DataMet interface

CONNECTION possibilities

VIDEO

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

1µm MODIFICATION

IP67

SWISS ELECTRONICS

WIRELESS to MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS

BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE



FORCE MODULE

CUSTOM RANGE AND JAWS FOR REQUEST

HAND FINISHED MEASURING SURFACES

SwissMet IP67 FUNCTIONS

PrE — PRESET

Unit — mm/inch

1 Hold — HOLD

SLEEP **(SIS)** — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID



ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding

- Aluminium construction with precision linear guides

WIRELESS FORCE SWISSMET IP67 EXTRA LONG JAW DIGITAL CALIPER

- Extra Long jaw digital caliper with waterproof IP67 Swiss electronics in Al case
- Jaw length up to 1000m
- Aluminium construction with precision linear guides
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON WIRELESS FORCE SWISSMET IP67 EXTRA LONG JAW DIGITAL CALIPER

Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	kg					
142408447	0-800	0-32"	0,001	400	±25	3,9	IP67 Al case	•	•	•	•
142411447	0-1000	0-40"		400	±30	4,3		•	•	•	•
142411467				600	±40	4,7		•	•	•	•
142415447	0-1500	0-60"		400	±30	5,6		•	•	•	•
142415467				600	±40	6,1		•	•	•	•
142418447	0-1800	0-70"		400	±40	6.2		•	•	•	•
142418467				600	±60	6,6		•	•	•	•

SwissMet interface

CONNECTION possibilities

WIRELESS FORCE SWISSMET IP67 EXTRA LONG JAW DIGITAL CALIPER

Item No	Range		Resol.	Jaws	Accuracy	Weight	Protection	mm/inch	Preset	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	kg					
142408446	0-800	0-32"	0,01	400	±30	3,9	IP67 Al case	•	•	•	•
142411446	0-1000	0-40"		400	±40	4,3		•	•	•	•
142411466				600	±50	4,7		•	•	•	•
142415446	0-1500	0-60"		400	±40	5,6		•	•	•	•
142415466				600	±50	6,1		•	•	•	•
142418446	0-1800	0-70"		400	±50	6.2		•	•	•	•
142418466				600	±60	6,6		•	•	•	•
142120146	0-2000	0-80"		400	±60	17,5		•	•	•	•
142120166				600	±85	18,0		•	•	•	•
142120106				1000	±120	19,0		•	•	•	•
142125146	0-2500	0-100"		400	±90	20.0		•	•	•	•
142125166				600	±105	20,5		•	•	•	•
142125106				1000	±140	21.5		•	•	•	•
142130146	0-3000	0-120"		400	±100	24.0		•	•	•	•
142130166				600	±110	24.5		•	•	•	•
142130106				1000	±160	25.5		•	•	•	•
142135146	0-3500	0-140"		400	±120	26.5		•	•	•	•
142135166				600	±160	27.0		•	•	•	•
142135106				1000	±240	28.0		•	•	•	•

VIDEO

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

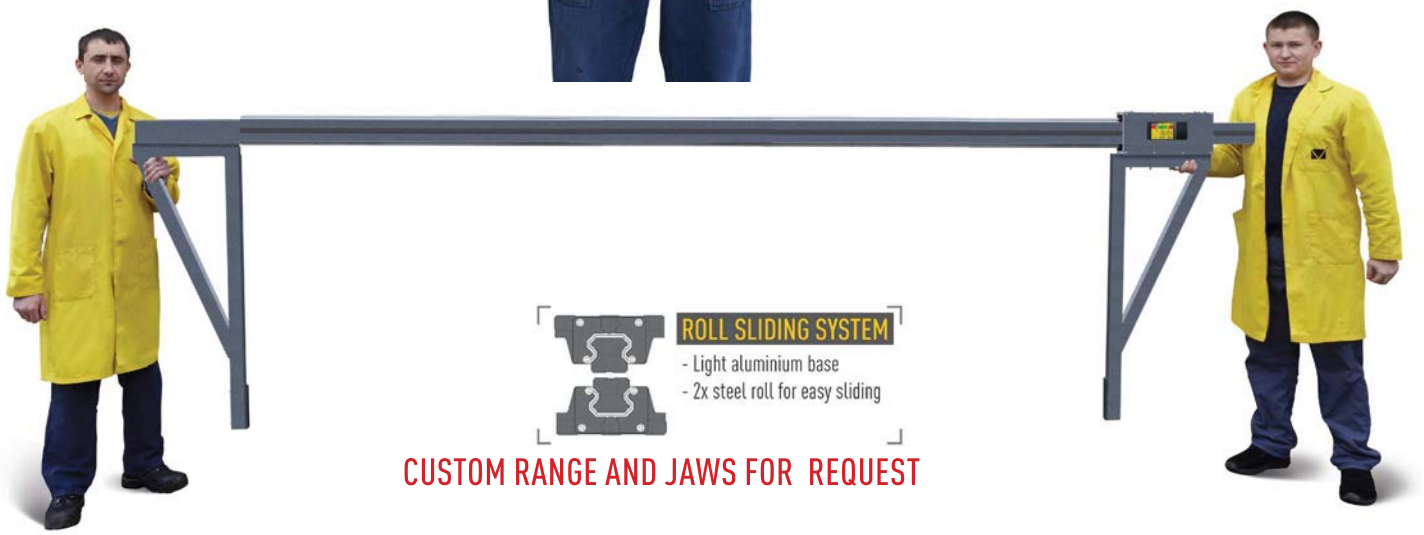
1µm IP67 SWISS ELECTRONICS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS

WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HUB CONNECTION
INDICATOR FOR 2D / PROBE/ANGLE

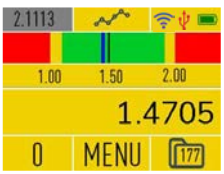




ROLL SLIDING SYSTEM
- Light aluminium base
- 2x steel roll for easy sliding

CUSTOM RANGE AND JAWS FOR REQUEST

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



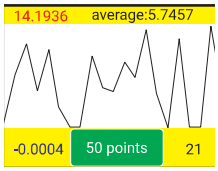
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



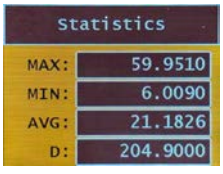
GRAPHIC MODE 1D/2D



MEMORY 2000 values



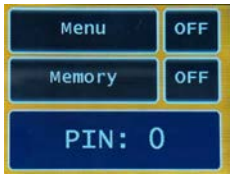
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



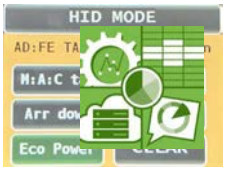
DISPLAY & ENERGY



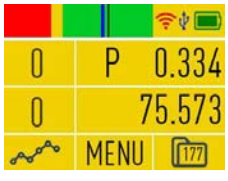
RESOLUTION, mm/inch



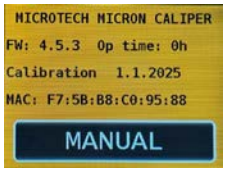
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

DataMet EXTRA LONG JAW E-FORCE CALIPER

- **Industry 4.0** adopted Extra long jaw Tablet caliper with computerized MICS system with 2.4" color Touchscreen
- **Patents** US10184772, UA111194, UA112361, UA121681, UA2022205040
- **Functions: On-line Graphic, Analog scale,** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction
- **Measuring HUB:** Wireless MICROTECH instrument connection, Synchronization, 2D mode, 2D Graph, Probe mode, Compensation
- Modification with **MICRON with** SWISS made reading system resolution 1 micron (0,001/0,01/0,1mm selection)
- Aluminium construction with precision linear guides
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON DataMet EXTRA LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accu-racy	Weight	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	mm	µm	kg															
142408442	0-800	0-32"	0,001	400	±30	3,9	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•
142411442	0-1000	0-40"		400	±40	4,3	•	•	•	•	•	•	•	•	•	•	•	•			•
142411462				600	±60	4,7	•	•	•	•	•	•	•	•	•	•	•	•			•
142415442	0-1500	0-50"		400	±50	5.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142415462				600	±70	5,9	•	•	•	•	•	•	•	•	•	•	•	•			•
142418442	0-1800	0-60"		400	±60	6.2	•	•	•	•	•	•	•	•	•	•	•	•			•
142418462				600	±80	6,6	•	•	•	•	•	•	•	•	•	•	•	•			•

DataMet EXTRA LONG JAW E-FORCE CALIPER

Item No	Range		Resol.	Jaws	Accu-racy	Weight	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	mm	µm	kg															
142120142	0-2000	0-80"	0.01	400	±60	17,5	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•
142120162				600	±85	18,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142120102				1000	±120	19,0	•	•	•	•	•	•	•	•	•	•	•	•			•
142125142	0-2500	0-100"		400	±90	20.0	•	•	•	•	•	•	•	•	•	•	•	•			•
142125162				600	±105	20,5	•	•	•	•	•	•	•	•	•	•	•	•			•
142125102				1000	±140	21.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142130142	0-3000	0-120"		400	±100	24.0	•	•	•	•	•	•	•	•	•	•	•	•			•
142130162				600	±110	24.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142130102				1000	±160	25.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142135142	0-3500	0-140"		400	±120	26.5	•	•	•	•	•	•	•	•	•	•	•	•			•
142135162				600	±160	27.0	•	•	•	•	•	•	•	•	•	•	•	•			•
142135102				1000	±240	28.0	•	•	•	•	•	•	•	•	•	•	•	•			•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DataMet interface

CONNECTION possibilities

VIDEO

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



IP67 SWISS ELECTRONICS



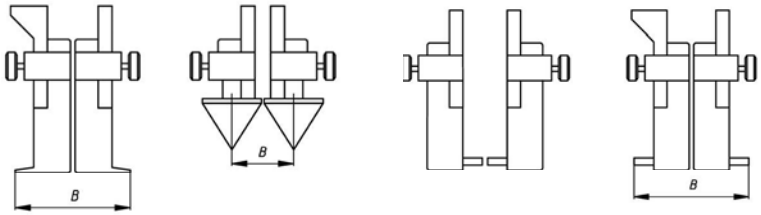
1µm IP67 SWISS ELECTRONICS

WIRELESS TO MDS APP
FREE VERSIONS
Windows
android
iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android
Windows
iOS



BI-FORCE
EXT 8N INT 4N



3 PAIRS ANVILS

SwissMet IP67 FUNCTIONS



PRESET | mm/inch | HOLD

SLEEP (SIS) — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

UNIVERSAL SwissMet IP67 DIGITAL CALIPER

- Universal caliper with 3 pairs of measurings jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

UNIVERSAL SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvils set			Depth	Force	Protection	Preset	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm	inside,& outside groove	inside,& outside point	disk D	mm	N					
141630153	0-150	0-6"	0,01	±30	5	D3x5	30	40	-	IP67	•	•	•	•
141630303	0-300	0-12"		±40	10	D3x10	50	60			•	•	•	•

UNIVERSAL WIRELESS SwissMet IP67 MICRON Bi-FORCE DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvils set			Depth	Force	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	inside,& outside groove	inside,& outside point	disk D	mm	N					
141630155	0-150	0-6"	0,001	±15	5	D3x5	30	40	8/4	IP67	•	•	•	•
141630305	0-300	0-12"		±25	10	D3x10	50	60			•	•	•	•

CONNECTION possibilities

SwissMet interface

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

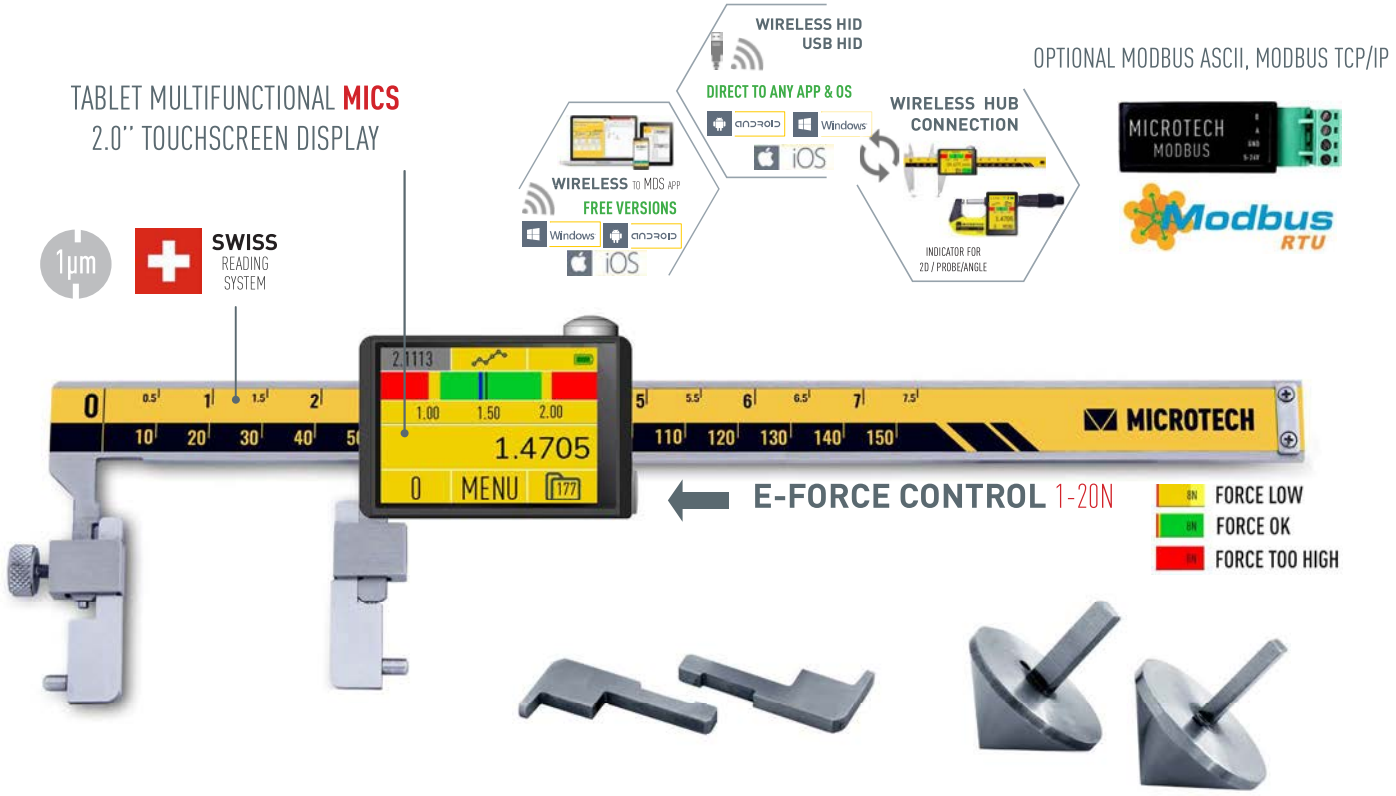
OPTIONAL

DataMet BUTTON

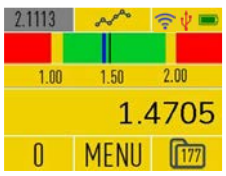
DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE



DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



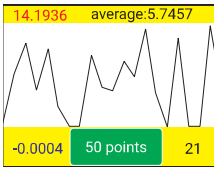
TIMER



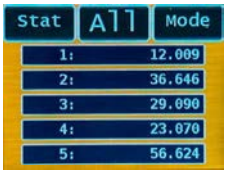
TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



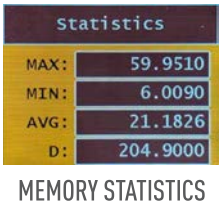
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



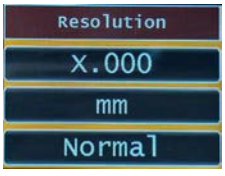
TEMPERATURE COMPENSATION



PASSWORD



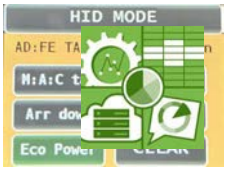
DISPLAY & ENERGY



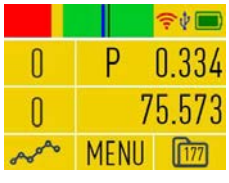
RESOLUTION, mm/inch



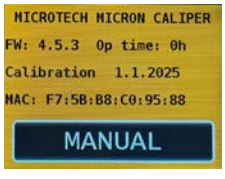
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

UNIVERSAL MICRON DataMet CALIPER

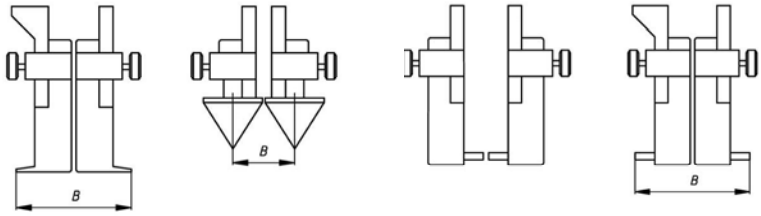
- Universal caliper with 3 pairs of measurings jaws for 5 types of measuring (internal & external point, groove, offset centerline)
- **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

UNIVERSAL MICRON DataMet CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvils set			Depth	Force	Protection	Measuring HUB	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	inside & outside groove	inside & outside point	disk D	mm	N															
141630158	0-150	0-6"	0,001	±15	5	D3x5	30	40	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141630308	0-300	0-12"		±25	10	D3x10	50	60			•	•	•	•	•	•	•	•	•	•	•	•	•	•

UNIVERSAL MODBUS DataMet CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvils set			Depth	Force	Protection	Measuring HUB	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	inside & outside groove	inside & outside point	disk D	mm	N																			
141630158M	0-150	0-6"	0,001	±15	5	D3x5	30	40	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
141630308M	0-300	0-12"		±25	10	D3x10	50	60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		



3 PAIRS ANVILS

DataMet interface

CONNECTION possibilities

MODBUS protocol

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

IP67 SWISS ELECTRONICS



1µm IP67 SWISS ELECTRONICS





BI-FORCE
EXT 8N INT 4N

BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS



PRESET | mm/inch | HOLD

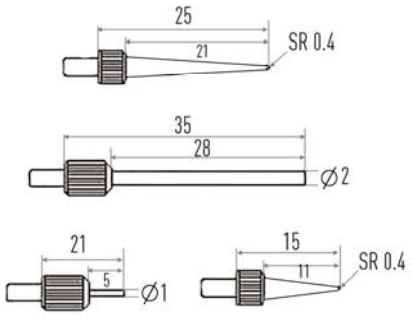
SLEEP (SIS) — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID



4 PAIR ANVILS

INTERCHANGEABLE POINTS SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Interchangeable point caliper with 4 pairs of anvils for internal & external measurings
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

INTERCHANGEABLE POINTS SwissMet IP67 DIGITAL CALIPER

Item No	Range		Depth	Reso-lution	Accu-racy	Anvils	Protection	Preset	mm/inch	HOLD	Auto on/off	S_connect
	mm	inch	mm	mm	µm	SET						
141650303	0-300	0-12"	90	0.01	±40	4 pairs	IP67	•	•	•	•	•
141650503	0-500	0-20"	150		±50			•	•	•	•	•
141651003	0-1000	0-40"	150		±60			•	•	•	•	•

SwissMet interface

INTERCHANGEABLE POINTS WIRELESS SwissMet IP67 MICRON Bi-FORCE DIGITAL CALIPER

Item No	Range		Depth	Reso-lution	Accu-racy	Anvils	Force	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	SET	N					
141650305	0-300	0-12"	90	0,001	±25	4 pairs	8/4	IP67	•	•	•	•

CONNECTION possibilities

INTERCHANGEABLE POINTS WIRELESS SwissMet IP67 MICRON DIGITAL CALIPER

Item No	Range		Depth	Reso-lution	Accu-racy	Anvils	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	mm	µm	SET					
141650506	0-500	0-20"	150	0,001	±30	4 pairs	IP67	•	•	•	•
141651006	0-1000	0-40"	150		±45			•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



INTERCHANGEABLE ANVILS (4 PAIRS)

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



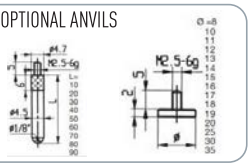
MDS DISPLAY UNIT



MDS SOFTWARE



OPTIONAL ANVILS

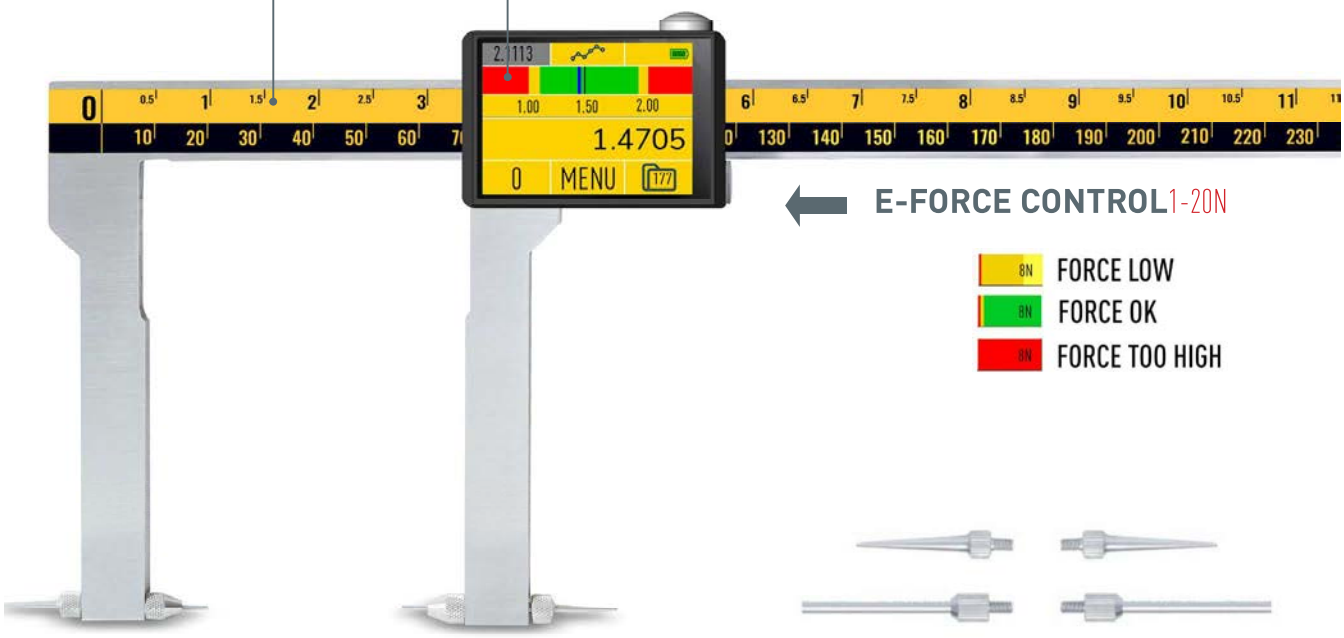


TABLET MULTIFUNCTIONAL **MICS**
2.0'' TOUCHSCREEN DISPLAY

1µm SWISS READING SYSTEM

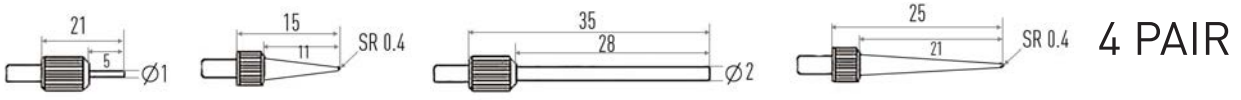
WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
WIRELESS HUB CONNECTION
WIRELESS TO MDS APP
FREE VERSIONS
INDICATOR FOR 2D / PROBE/ANGLE

OPTIONAL MODBUS ASCII, MODBUS TCP/IP



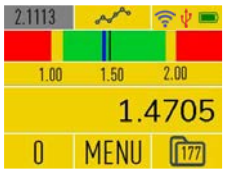
E-FORCE CONTROL 1-20N

- FORCE LOW
- FORCE OK
- FORCE TOO HIGH



4 PAIR ANVILS

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



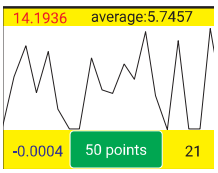
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



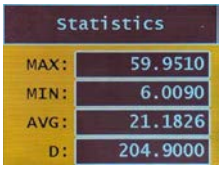
GRAPHIC MODE 1D/2D



MEMORY 2000 values



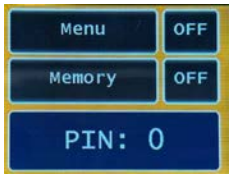
FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



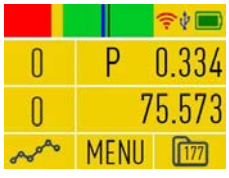
RESOLUTION, mm/inch



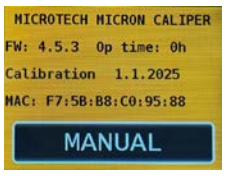
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

INTERCHANGEABLE POINT MICRON DataMet CALIPER

- Interchangeable point caliper with 4 pairs of anvils for internal & external measurings
- **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
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- **Calibration** certificate included (ISO17025 (Ilac MRA))

INTERCHANGEABLE POINT MICRON DataMet CALIPER

Item No	Range		Depth	Reso-lution	Accu-racy	Anvils	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	mm	µm	SET	N													
141650308	0-300	0-12"	90	0,001	±25	4 pairs	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141650508	0-500	0-20"	150		±30				•	•	•	•	•	•	•	•	•	•	•	•
141651008	0-1000	0-40"	150		±40				•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

INTERCHANGEABLE POINT MODBUS DataMet CALIPER

Item No	Range		Depth	Reso-lution	Accu-racy	Anvils	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	mm	µm	SET	N																
141650308M	0-300	0-12"	90	0,001	±25	4 pairs	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
141650508M	0-500	0-20"	150		±30				•	•	•	•	•	•	•	•	•	•	•	•	•		
141651008M	0-1000	0-40"	150		±40				•	•	•	•	•	•	•	•	•	•	•	•	•		

CONNECTION possibilities

MODBUS protocol

DELIVERY SET









DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

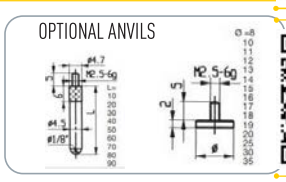
OPTIONAL



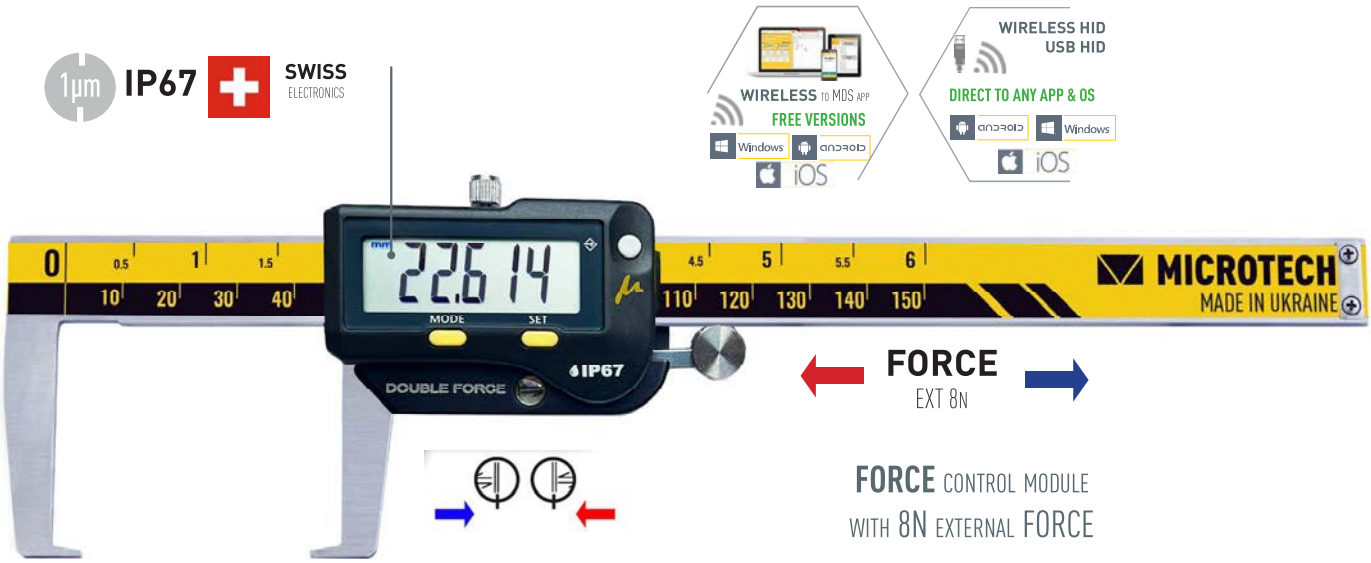












FORCE CONTROL MODULE
WITH 8N EXTERNAL FORCE

SwissMet IP67 FUNCTIONS



PRESET | mm/inch | HOLD

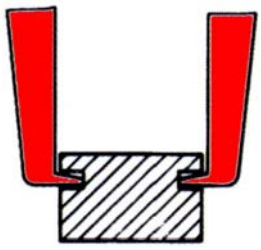
SLEEP (SIS) — Auto ON/OFF

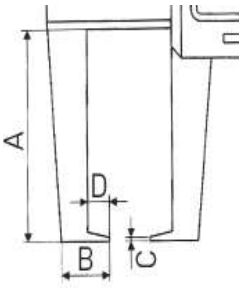
IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID





	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

OUTSIDE GROOVE SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Outside groove caliper with flat points
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Force** control module with 8N external FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OUTSIDE GROOVE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	N						
OUTSIDE GROOVE SWISSMET DIGITAL CALIPER IP67											
141430153	0-150	0-6"	0,01	±30	-	IP67	•	•	•	•	
141430203	0-200	0-8"		±30			•	•	•	•	
141430303	0-300	0-12"		±30			•	•	•	•	
OUTSIDE GROOVE SWISSMET WIRELESS CALIPER IP67											
141430154	0-150	0-6"	0,01	±30	-	IP67	•	•			•
141430204	0-200	0-8"		±30			•	•			•
141430304	0-300	0-12"		±30			•	•			•

OUTSIDE GROOVE SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	N						
OUTSIDE GROOVE SWISSMET MICRON FORCE DIGITAL CALIPER IP67											
141430156	0-150	0-6"	0,001	±10	8	IP67	•	•	•	•	
141430206	0-200	0-8"		±15			•	•	•	•	
141430306	0-300	0-12"		±20			•	•	•	•	
OUTSIDE GROOVE SWISSMET WIRELESS MICRON FORCE DIGITAL CALIPER IP67											
141430155	0-150	0-6"	0,001	±10	8	IP67	•	•			•
141430205	0-200	0-8"		±15			•	•			•
141430305	0-300	0-12"		±20			•	•			•

SwissMet interface

CONNECTION possibilities

VIDEO

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

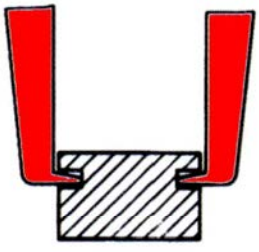
MDS DISPLAY UNIT

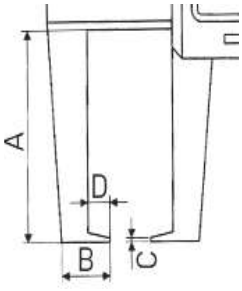
MDS SOFTWARE

- **CertiMet** Outside groove caliper with flat points
- High quality Big screen digital caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Protection	USB HID
	mm	inch	mm	µm		
141430150	0-150	0-6"	0,01	±30	IP67	•
141430200	0-200	0-8"		±30		•
141430300	0-300	0-12"		±30		•





	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID DATA TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A KEYBOARD



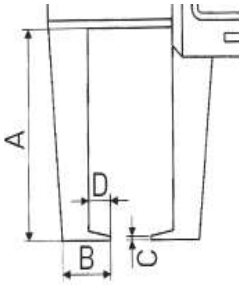
OUTSIDE GROOVE DataMet CALIPER

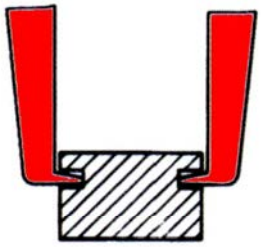
- **DataMet** Outside groove caliper with flat points
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

Item No	Range		Reso-lution	Accu-racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	µm	N													
141430157	0-150	0-6"	0,005	±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141430207	0-200	0-8"		±25			•	•	•	•	•	•	•	•	•	•	•	•
141430307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•





	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

DataMet interface

CONNECTION possibilities

VIDEO

DOWNLOAD MDS app WINDOWS
Windows

DOWNLOAD MDS app iOS, MacOS
macOS
iOS

DOWNLOAD MDS app ANDROID
android

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA
CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



TABLET MULTIFUNCTIONAL **MICS**
2.0" TOUCHSCREEN DISPLAY

1µm

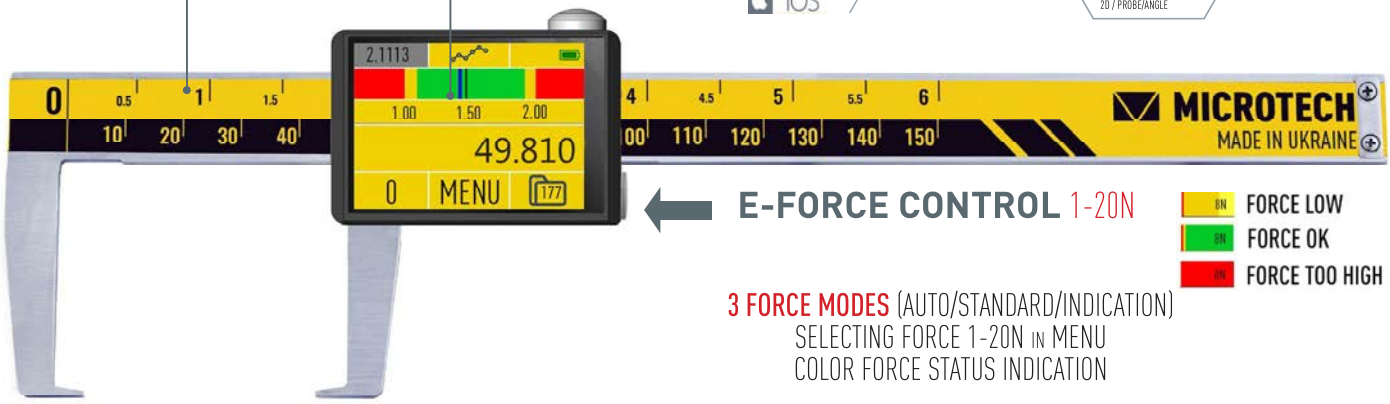
SWISS READING SYSTEM

WIRELESS HID
USB HID

DIRECT TO ANY APP & OS

WIRELESS HUB CONNECTION

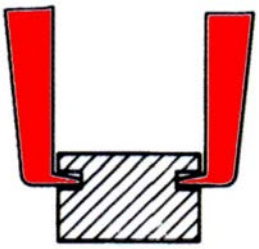
WIRELESS TO MDS APP
FREE VERSIONS

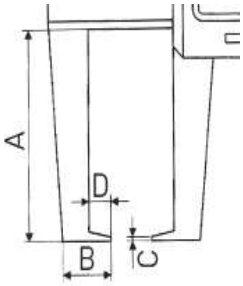


E-FORCE CONTROL 1-20N

FORCE LOW
FORCE OK
FORCE TOO HIGH

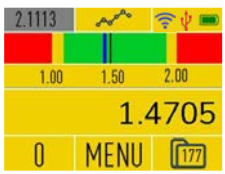
3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION





	A	B	C	D
mm	mm	mm	mm	mm
0-150	25	9	1	5
0-200	25	9	1.5	8
0-300	43	16	1.5	8

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



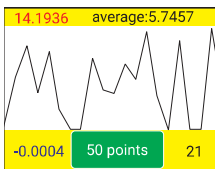
TIMER



TOUCH PROBE SETTINGS



FORMULA Ax^2+Bx+C



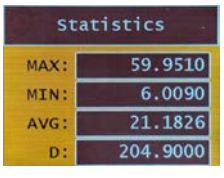
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



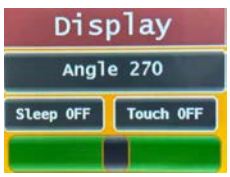
MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



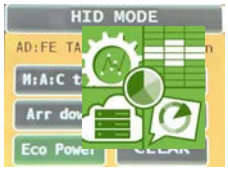
DISPLAY & ENERGY



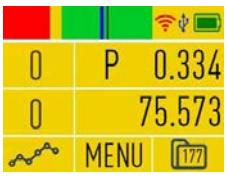
RESOLUTION, mm/inch



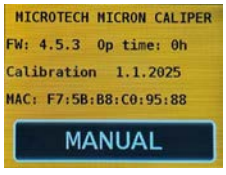
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

OUTSIDE GROOVE MICRON DataMet CALIPER

- **DataMet** Outside groove caliper with flat points
- **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OUTSIDE GROOVE MICRON DataMet CALIPER

Item No	Range		Reso-lution	Accu-racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	µm	N													
141430158	0-150	0-6"	0,001	±10	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•
141430208	0-200	0-8"		±15			•	•	•	•	•	•	•	•	•	•	•	•
141430308	0-300	0-12"		±20			•	•	•	•	•	•	•	•	•	•	•	•

MODBUS OUTSIDE GROOVE MICRON DataMet CALIPER

Item No	Range		Reso-lution	Accu-racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	N																
141430158M	0-150	0-6"	0,001	±10	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
141430208M	0-200	0-8"		±15			•	•	•	•	•	•	•	•	•	•	•	•	•		
141430308M	0-300	0-12"		±20			•	•	•	•	•	•	•	•	•	•	•	•	•		

DataMet interface

CONNECTION possibilities

MODBUS protocol

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

OUTSIDE POINT SwissMet IP67 DIGITAL CALIPER

IP67 SWISS ELECTRONICS



1µm IP67 SWISS ELECTRONICS

WIRELESS to MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS

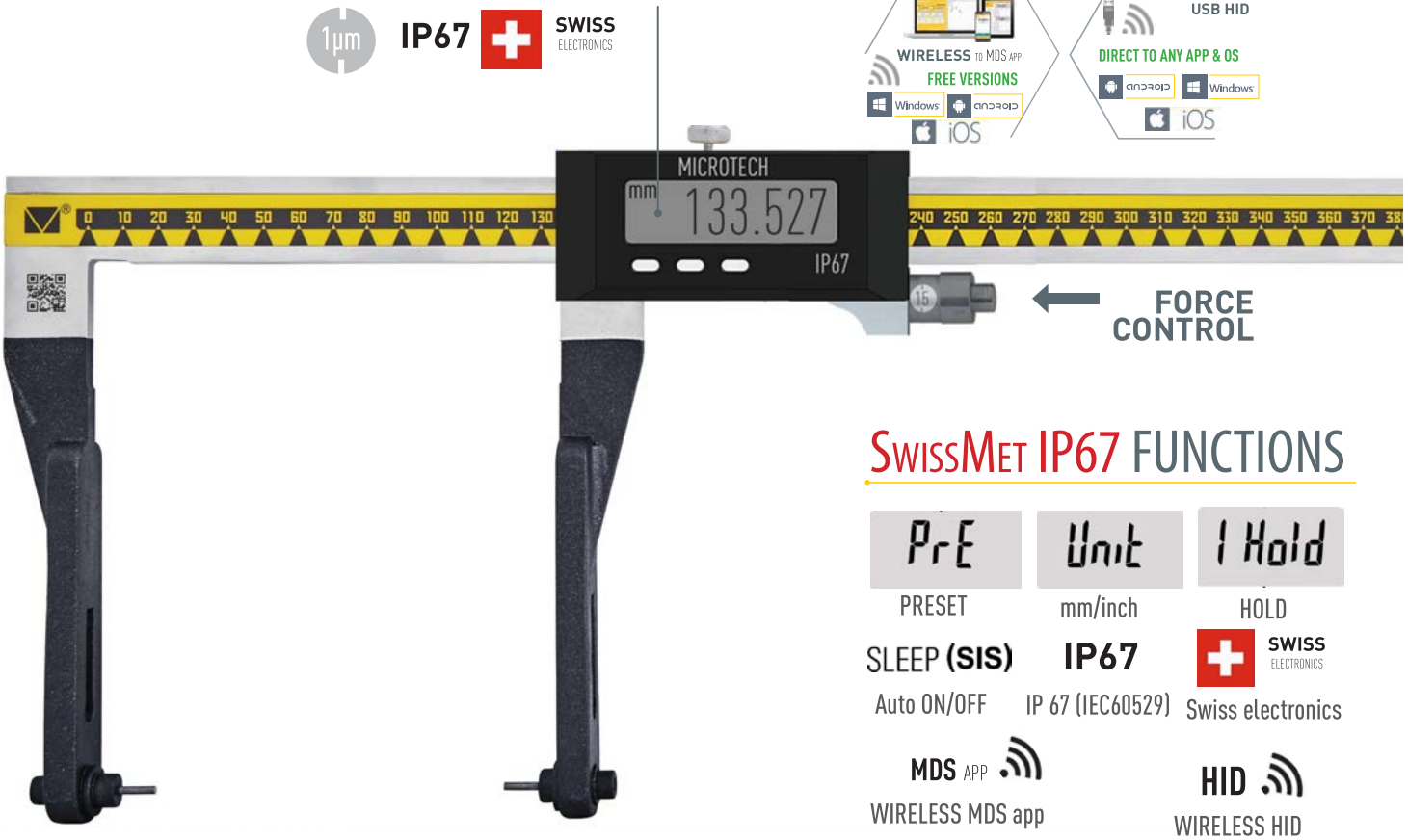


FORCE CONTROL

1µm IP67 SWISS ELECTRONICS

WIRELESS to MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS



FORCE CONTROL

SwissMet IP67 FUNCTIONS

PRESET

mm/inch

HOLD

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

OUTSIDE POINT SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Outside point caliper
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Force** control module with 12N external FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
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OUTSIDE POINT SwissMet IP67 DIGITAL CALIPER

Item No	Range		Resolution	Jaws		Accuracy	Force	Protection	Preset	mm/inch	HOLD	S_connect
				Depth	D point							
	mm	inch	mm	mm	mm	µm	N					
141403143	0-300	0-12"	0,01	90	1	±30		IP67	•	•	•	•
141405143	0-500	0-20"		150		±40			•	•	•	•
141405153				300	3				•	•	•	•
141410153	0-1000	0-40"				±70			•	•	•	•

OUTSIDE POINT WIRELESS SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolution	Jaws		Accuracy	Force	Protection	Preset	mm/inch	WIRELESS
				Depth	D point						
	mm	inch	mm	mm	mm	µm	N				
141403145	0-300	0-12"	0,001	90	1	±15	8	IP67	•	•	•
141405145	0-500	0-20"		150		±25	12		•	•	•
141405155				300	3				•	•	•
141410155	0-1000	0-40"				±40			•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

SwissMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

TABLET MULTIFUNCTIONAL **MICS**
TOUCHSCREEN DISPLAY

1µm SWISS READING SYSTEM

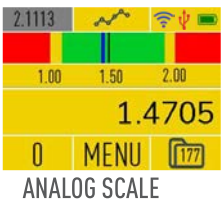
WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS
WIRELESS HUB CONNECTION
INDICATOR FOR 2D / PROBE/ANGLE
WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS



E-FORCE CONTROL 1-20N

3 FORCE MODES (AUTO/STANDARD/INDICATION)
SELECTING FORCE 1-20N IN MENU
COLOR FORCE STATUS INDICATION

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



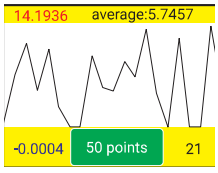
TIMER



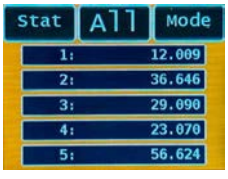
TOUCH PROBE SETTINGS



FORMULA Ax^2+Bx+C



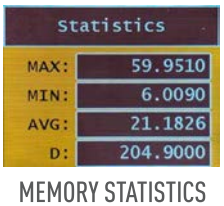
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



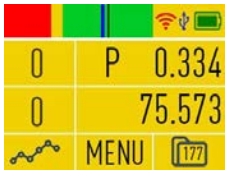
RESOLUTION, mm/inch



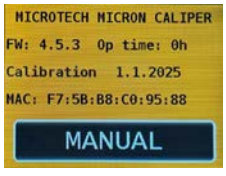
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

OUTSIDE POINT DataMet CALIPER

- **DataMet** Outside point caliper with e-Force control 1-20N
- Computerized MICS indication system with 0.01 or 0,001mm resolution SWISS made reading system
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OUTSIDE POINT DataMet CALIPER

Item No	Range		Resolution	Jaws		Accuracy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	Depth mm	D point mm	µm	N																
141403147	0-300	0-12"	0.005	90	1	±25	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•
141405147	0-500	0-20"	0,01	150		±40			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141405157				300	3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141410157	0-1000	0-40"				±60			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OUTSIDE POINT MICRON DataMet CALIPER

Item No	Range		Resolution	Jaws		Accuracy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID
	mm	inch	mm	Depth mm	D point mm	µm	N																
141403148	0-300	0-12"	0,001	90	1	±15	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•
141405148	0-500	0-20"		150		±25			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141405158				300	3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141410158	0-1000	0-40"				±40			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

MODBUS OUTSIDE POINT MICRON DataMet CALIPER

Item No	Range	Resolution	Jaws		Accuracy	Force	Protection	Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	mm	Depth mm	D point mm	µm	N																			
141403148M	0-300	0,001	90	1	±15	1-20	IP54				•	•	•	•	•	•	•	•	•	•	•	•	•	option	option
141405148M	0-500		150		±25			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
141405158M			300	3				•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
141410158M	0-1000				±40			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		

DataMet interface

CONNECTION possibilities

MODBUS protocol

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

IP67 SWISS ELECTRONICS



SwissMet IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

I Hold
HOLD

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

1µm IP67 SWISS ELECTRONICS



HAND FINISHED MEASURING SURFACES



BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

ROPE SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Digital ROPE caliper with or without FORCE control
- ROPE caliper for accurately measuring the diameter of ropes, wire ropes, cables, or cylindrical objects. It typically has wide jaws or large measuring surfaces to prevent measuring errors caused by uneven or soft surfaces of ropes
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

ROPE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Resolution	Jaws		Accuracy	Force	Protection	Preset	mm/inch	HOLD	S_connect
				Height	Width							
	mm	inch	mm	mm	mm	µm	N					
141490153	0-150	0-6"	0,01	30	60	±30		IP67	•	•	•	•
141490303	0-300	0-12"		30	60	±40			•	•	•	•
141490393	0-300	0-12"		90	20	±40			•	•	•	•

ROPE WIRELESS SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolution	Jaws		Accuracy	Force	Protection	Preset	mm/inch	HOLD	WIRELESS
				Height	Width							
	mm	inch	mm	mm	mm	µm	N					
141490156	0-150	0-6"	0,001	30	60	±15	8N	IP67	•	•	•	•
141490306	0-300	0-12"		30	60	±20			•	•	•	•
141490396	0-300	0-12"		90	20	±30			•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

SwissMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



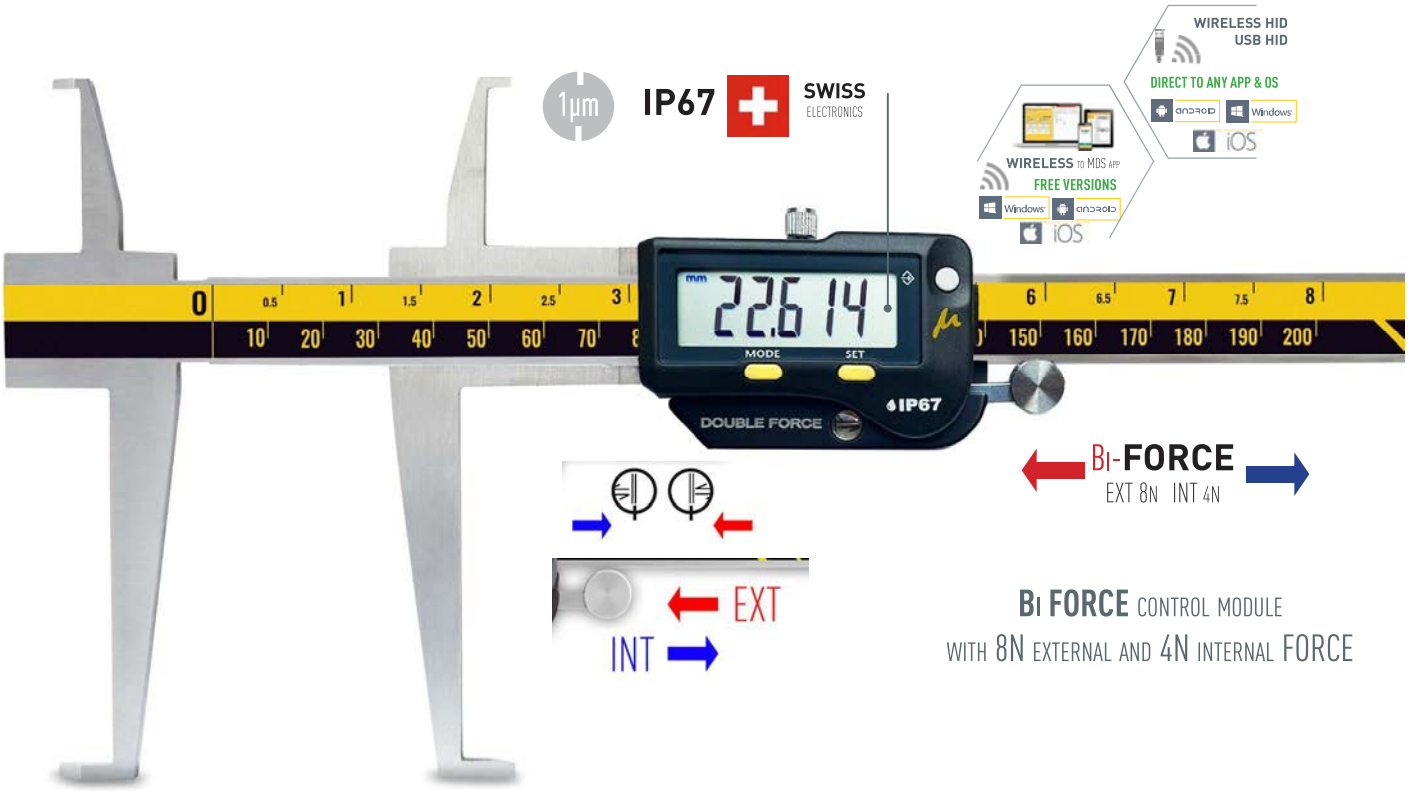
MDS DISPLAY UNIT



MDS SOFTWARE







Bi FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

SLEEP **(SIS)**
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

INSIDE GROOVE SwissMet IP67 DIGITAL CALIPER

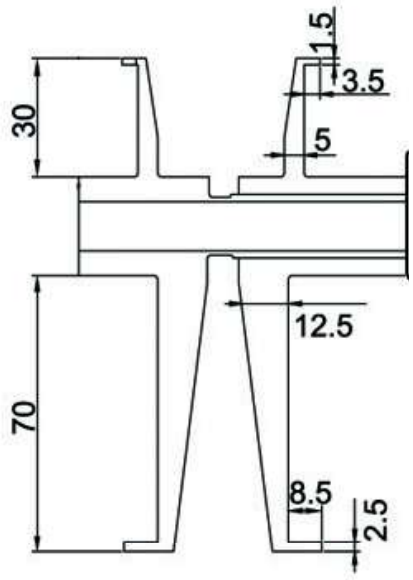
- **SwissMet** Inside groove caliper with Double internal jaws (30+70mm)
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

INSIDE GROOVE SwissMet IP67 DIGITAL CALIPER

Item No	Range upper mm	Range upper inch	Range lower mm	Range lower inch	Jaws upper mm	Jaws lower mm	Pins upper mm	Pins lower mm	Reso-lution mm	Accu-racy µm	FORCE	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
INSIDE GROOVE DIGITAL CALIPER IP67																	
141220203	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30		IP67	•	•	•	•	
141220303	9-300	0.4-12"	17-300	0,7-12"						±40			•	•	•	•	
INSIDE GROOVE WIRELESS CALIPER IP67																	
141220204	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30		IP67	•	•			•
141220304	9-300	0.4-12"	17-300	0,7-12"						±40			•	•			•

INSIDE GROOVE WIRELESS SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range upper mm	Range upper inch	Range lower mm	Range lower inch	Jaws upper mm	Jaws lower mm	Pins upper mm	Pins lower mm	Reso-lution mm	Accu-racy µm	FORCE	Protection	Preset	mm/inch	HOLD	WIRELESS
141220205	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,001	±20	8/4	IP67	•	•	•	•
141220305	9-300	0.4-12"	17-300	0,7-12"						±25			•	•	•	•



SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON

DataMet FOOTSWITCH

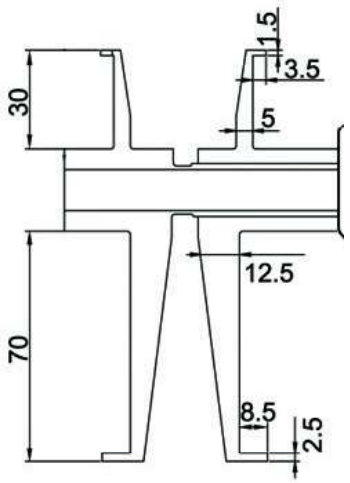
MDS DISPLAY UNIT

MDS SOFTWARE

- **CertiMet** Inside groove caliper with Double internal jaws (30+70mm)
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range				Jaws		Pins		Reso-lution	Accu-racy	Protection	USB HID
	upper		lower		upper	lower	upper	lower				
	mm	inch	mm	inch	mm	mm	mm	mm	mm	µm		
141220200	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,01	±30	IP54	•
141220300	9-300	0.4-12"	17-300	0,7-12"						±40		•



DELIVERY SET

CALIBRATION PROTOCOL

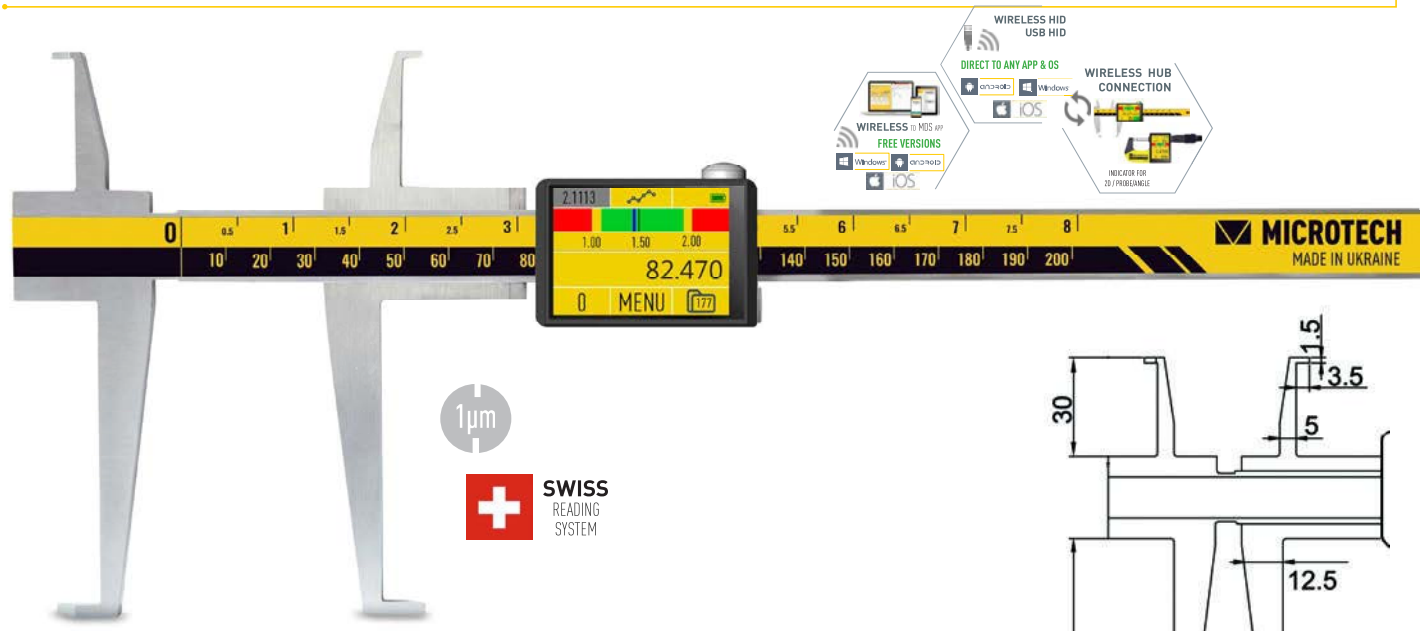
OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



INSIDE GROOVE DataMet CALIPER

- **DataMet** Inside groove caliper with Double internal jaws (30+70mm)
- Computerized MICS indication system with 0.01 or 0,001mm resolution SWISS made reading system
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range				Jaws		Pins		Reso-lution	Accu-racy	FORCE	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Calibr date	Memory	WIRELESS	USB HID	MODBUS RTU
	upper		lower		upper	lower	upper	lower															
	mm	inch	mm	inch	mm	mm	mm	mm	mm	µm													
141220208	9-200	0.4-8"	17-200	0,7-8"	30	70	3,5x1,5	8,5x2,5	0,001	±20	-	IP54	•	•	•	•	•	•	•	•	•	•	
141220308	9-300	0.4-12"	17-300	0,7-12"						±25			•	•	•	•	•	•	•	•	•	•	

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

- **SwissMet** Inside point digital caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01mm resolution
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



SwissMet IP67 FUNCTIONS

CUSTOM RANGE AND JAWS FOR REQUEST

Item No	Range		Resolution	Jaws		Accuracy	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	Depth mm	D point mm	µm				
INSIDE POINT DIGITAL CALIPER IP67										
141305143	42-542	1.7-22"	0,01	150	1	±50	•	•	•	
141305153	75-575	3-23"		300	3		•	•	•	
141310153	85-1000	4-44"				±80	•	•	•	
INSIDE POINT WIRELESS CALIPER IP67										
141305144	42-542	1.7-22"	0,01	150	1	±50	•	•	•	•
141305154	75-575	3-23"		300	3		•	•	•	•
141310154	85-1000	4-44"				±80	•	•	•	•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON

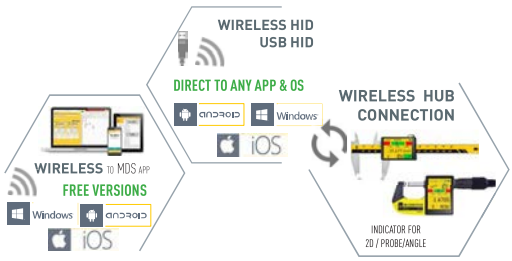
DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

INSIDE POINT DataMet CALIPER

- **DataMet** Inside point caliper
- Computerized MICS indication system with 0.01 resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))





DataMet interface

CONNECTION possibilities

Item No	Range		Resolution	Jaws		Accuracy	Measuring HUB	Analog scale	line Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB HID	MODBUS RTU
	mm	inch	mm	Depth mm	D point mm	µm																
141305147	42-52	1.7-22"	0,01	150	1	±40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	option
141305157	75-575	3-23"		300	3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
141310157	85-1085	4-44"				±60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

- **SwissMet** digital small grooves caliper
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

1µm IP67 SWISS ELECTRONICS

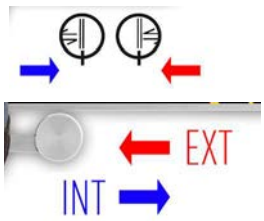
WIRELESS TO MDS APP FREE VERSIONS Windows android iOS

WIRELESS HID USB HID

DIRECT TO ANY APP & OS android Windows iOS

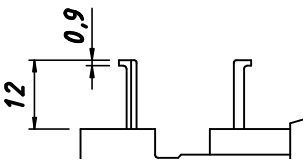


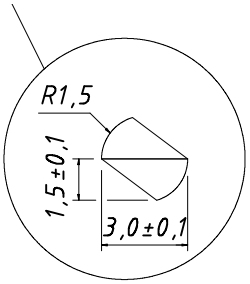
BI-FORCE EXT 8N INT 4N



BI-FORCE CONTROL MODULE WITH 8N EXTERNAL AND 4N INTERNAL FORCE

Item No	Range External mm	Range External inch	Range Internal mm	Range Internal inch	Reso-lution mm	Bi-force N	Accuracy µm	Protection	mm/inch	Preset	Auto on/off	HOLD	S_connect	WIRELESS
141830156	0-150	0-6"	3-150	0,12-6"	0,001	8 ext 4 int	±15	IP67	•	•	•	•	•	
141830153					0,01		±20		•	•	•	•	•	
141830154							±20		•	•	•			•







DOWNLOAD MDS app WINDOWS Windows

DOWNLOAD MDS app iOS, MacOS macOS iOS

DOWNLOAD MDS app ANDROID android

SwissMet interface

CONNECTION possibilities

VIDEO

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

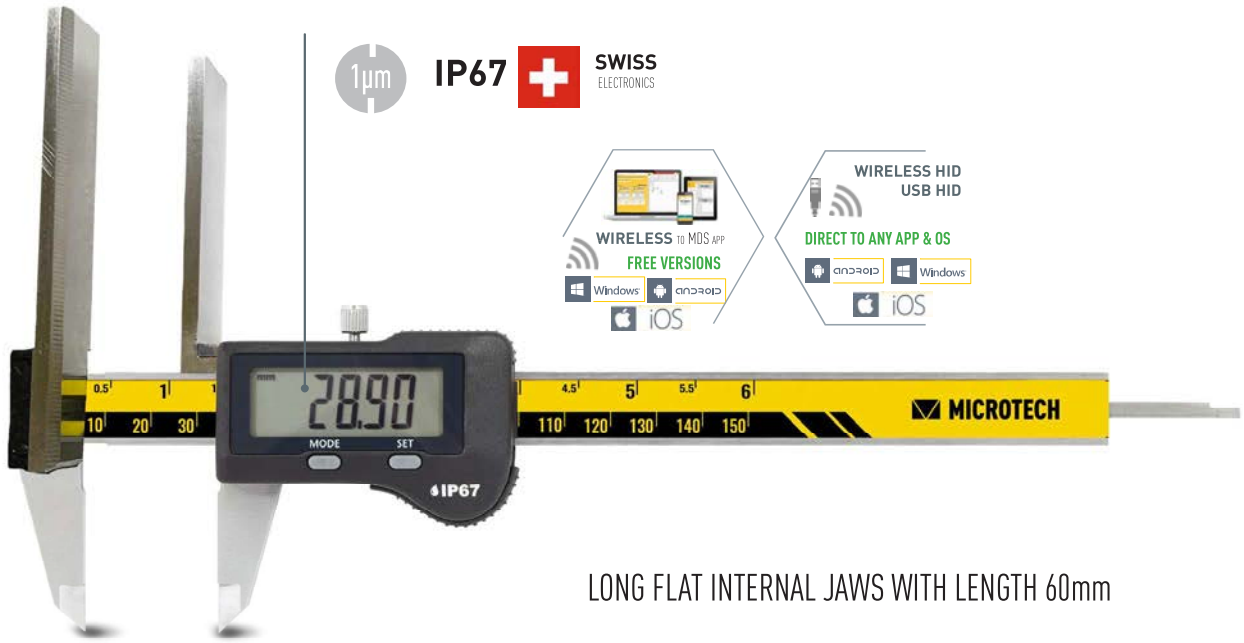


MDS SOFTWARE



FLAT INTERNAL JAWS SwissMet IP67 DIGITAL CALIPER

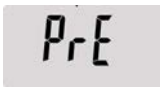
- **SwissMet** digital Flat internal jaws caliper
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Double Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



LONG FLAT INTERNAL JAWS WITH LENGTH 60mm

Item No	Range		Resolution	Bi-force	Accuracy	Jaws		Protection	mm/inch	Preset	Auto on/off	HOLD	S_connect	WIRELESS
	mm	inch	mm	N	µm	External mm	Internal mm							
141840156	0-150	0-6"	0,001	8/4	±20	40	60	IP67	•	•	•	•	•	
141840153			0,01	-	±30				•	•	•	•	•	
141840154					±30				•	•	•			•

SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

SLEEP **(SIS)**
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

CONNECTION possibilities

SwissMet interface

DOWNLOAD MDS app WINDOWS
Windows

DOWNLOAD MDS app iOS, MacOS
macOS
iOS

DOWNLOAD MDS app ANDROID
android

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA
CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH

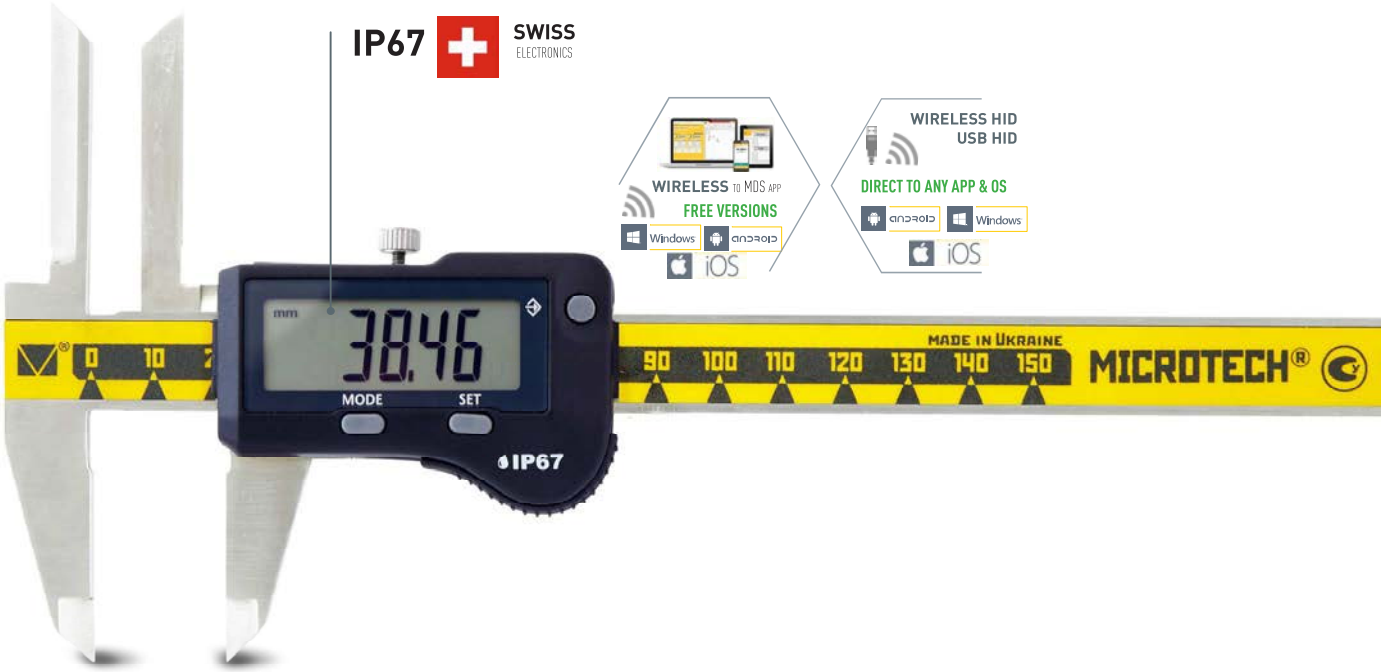


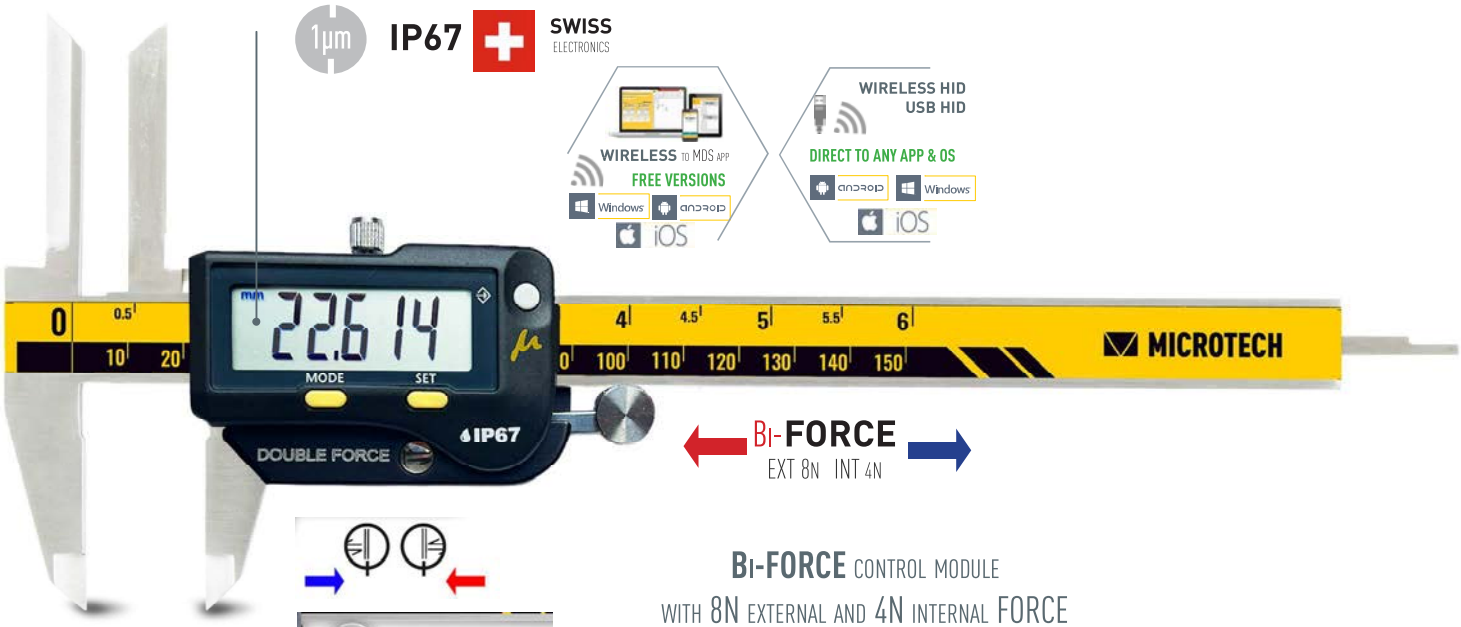
MDS DISPLAY UNIT



MDS SOFTWARE







Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS

PrE	Unit	I Hold
PRESET	mm/inch	HOLD
SLEEP (SIS)	IP67	SWISS ELECTRONICS
Auto ON/OFF	IP 67 (IEC60529)	Swiss electronics
MDS APP		HID
WIRELESS MDS app		WIRELESS HID

LONG INTERNAL JAWS SwissMet IP67 DIGITAL CALIPER

- **SwissMet** digital Long internal Jaw calipers (Internal jaw 41.5mm)
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

LONG INTERNAL JAWS SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accuracy	Jaws		Protection	mm/inch	Preset	HOLD	S_connect	WIRELESS
					External	Internal						
	mm	inch	mm	µm	mm	mm						
LONG INTERNAL JAW DIGITAL CALIPER IP67												
141130153	0-150	0-6"	0,01	±30	40	41.5	IP67	•	•	•	•	
141130303	0-300	0-12"		±40				•	•	•	•	
LONG INTERNAL JAW WIRELESS CALIPER IP67												
141130154	0-150	0-6"	0,01	±30	40	41.5	IP67	•	•			•
141130304	0-300	0-12"		±40				•	•			•

LONG INTERNAL JAWS SwissMet IP67 WIRELESS MICRON FORCE DIGITAL CALIPER

Item No	Range		Reso-lution	Accuracy	Jaws		Force	Protection	mm/inch	Preset	WIRELESS
					External	Internal					
	mm	inch	mm	µm	mm	mm	N				
141130155	0-150	0-6"	0,001	±15	40	41.5	EXT 8	IP67	•	•	•
141130305	0-300	0-12"		±20			INT 4		•	•	•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

- **CertiMet** Long jaw Internal caliper with PRESET function
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

Item No	Range		Reso-lution	Accuracy	Jaws		Protection	mm/inch	Preset	USB
					External	Internal				
	mm	inch	mm	µm	mm	mm				
141130151	0-150	0-6"	0,01	±30	40	41.5	IP54	•	•	•
141130301	0-300	0-12"		±40				•	•	•

DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID DATA TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A KEYBOARD



LONG INTERNAL JAW DataMet CALIPER

- **DataMet** Long internal jaw (41.5mm) caliper
- Computerized MICS indication system with 0.005 resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accuracy	Jaws		Protection	mm/inch	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	USB	WIRELESS
					External	Internal														
	mm	inch	mm	µm	mm	mm														
141130157	0-150	0-6"	0,005	±20	40	41.5	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141130307	0-300	0-12"		±30				•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

KNIFE EDGE INSIDE SwissMet IP67 DIGITAL CALIPER

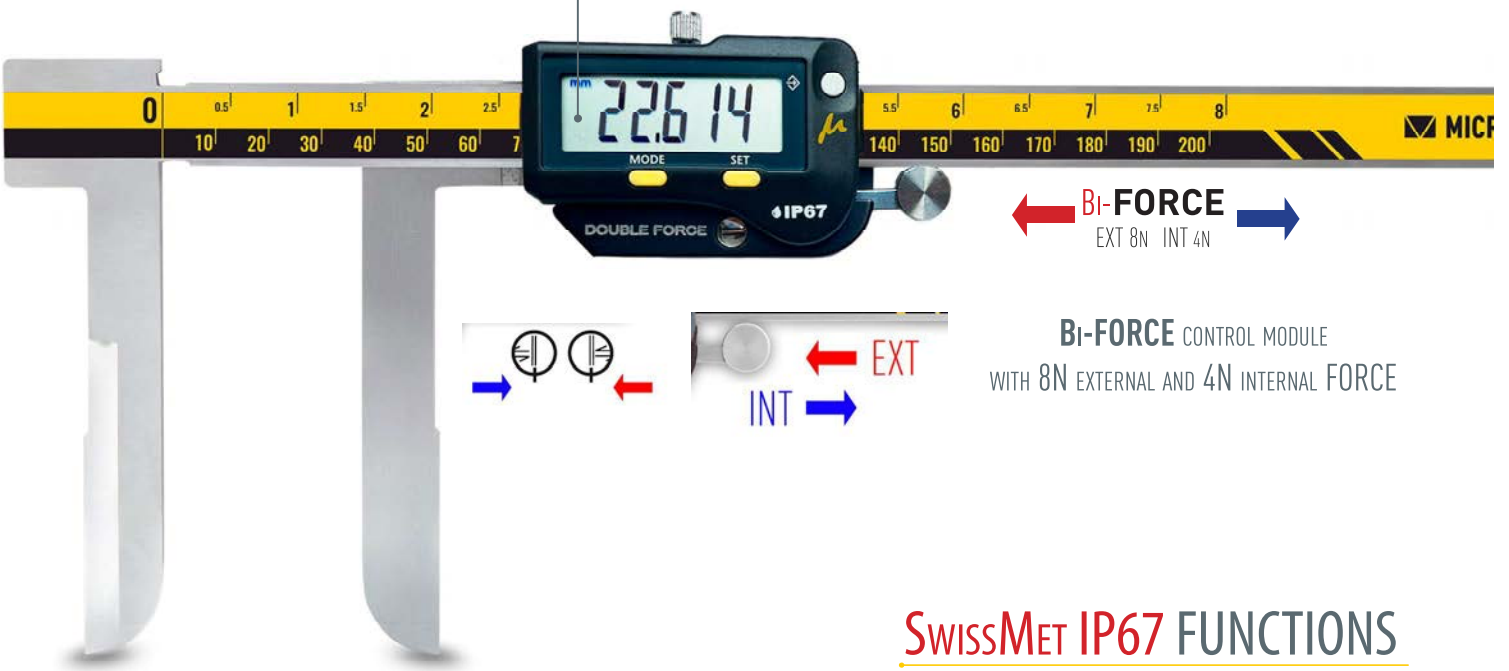
IP67 SWISS ELECTRONICS



1µm IP67 SWISS ELECTRONICS

WIRELESS to MDS APP
FREE VERSIONS
Windows android iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS



BI-FORCE
EXT 8N INT 4N

BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

KNIFE EDGE INSIDE SwissMet IP67 DIGITAL CALIPER

- **SwissMet** digital Knife edge inside caliper with jaw length 100 or 150 mm
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

KNIFE EDGE INSIDE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Depth	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	mm						
KNIFE EDGE INSIDE DIGITAL CALIPER IP67											
141210203	22-200	0.8-8"	0,01	±30	100	IP67	•	•	•	•	
141210303	22-300	0.8-12"		±40	150		•	•	•	•	
KNIFE EDGE INSIDE WIRELESS CALIPER IP67											
141210204	22-200	0.8-8"	0,01	±30	100	IP67	•	•			•
141210304	22-300	0.8-12"		±40	150		•	•			•

KNIFE EDGE INSIDE WIRELESS SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range		Resolution	Accuracy	Depth	Force	Protection	Preset	mm/inch	WIRELESS
	mm	inch	mm	µm	mm	N				
141210205	22-200	0.8-8"	0,001	±30	100	EXT 8	IP67	•	•	•
141210305	22-300	0.8-12"		±30	150	INT 4		•	•	•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

- **CertiMet** Knife edge digital inside caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Resolution	Accuracy	Depth	Protection	USB
	mm	inch	mm	µm	mm		
141210200	22-200	0.8-8"	0,01	±30	100	IP54	•
141210300	22-300	0.8-12"		±50	150		•

DELIVERY SET

CALIBRATION PROTOCOL

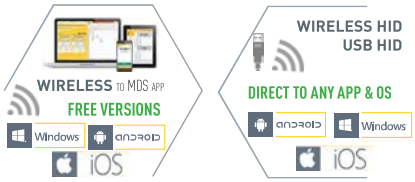
OPTIONAL

141083000 USB HID DATA TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A KEYBOARD



KNIFE EDGE INSIDE DataMet CALIPER

- **DataMet** Knife edge inside caliper
- Computerized MICS indication system with 0.005 mm resolution
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))





Item No	Range		Resolution	Accuracy	Depth	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm														
141210207	22-200	0.8-8"	0,005	±20	100	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141210307	22-300	0.8-12"		±40	150		•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

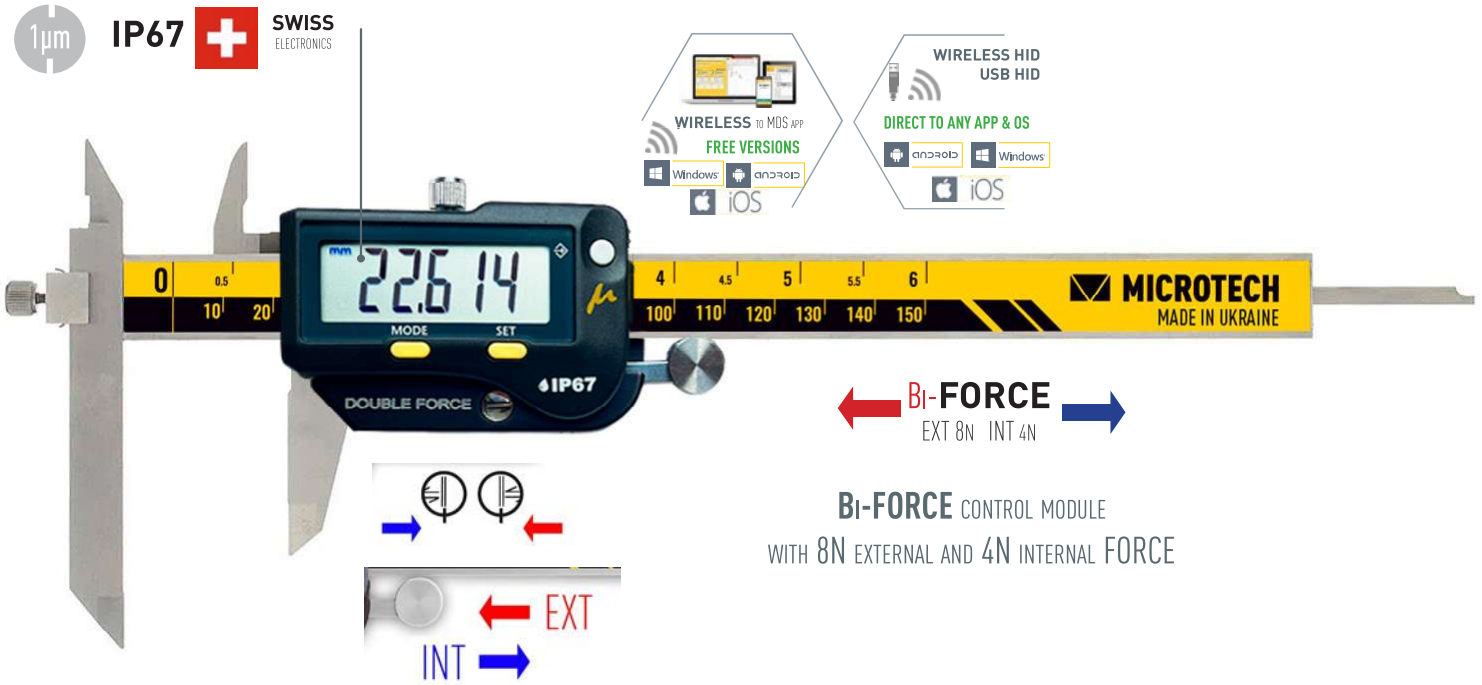
MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

Pied à coulisse avec 1 bec amovible





Bi-FORCE
EXT 8N INT 4N

Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

SwissMet IP67 FUNCTIONS



PRESET | mm/inch | HOLD

SLEEP **(SIS)** — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

OFFSET SwissMet IP67 DIGITAL CALIPER

- **SwissMet** digital OFFSET caliper for measure hard to get dimensions
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OFFSET SwissMet IP67 DIGITAL CALIPER

Item No	Range	Jaws		Reso-lution	Accu-racy	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	slide mm	fix mm	mm	µm	N						
OFFSET DIGITAL CALIPER IP67												
141740153	0-150	110	40	0,01	±30		IP67	•	•	•	•	
141740303	0-300	130	60		±40			•	•	•	•	
OFFSET WIRELESS CALIPER IP67												
141740154	0-150	110	40	0,01	±30		IP67	•	•			•
141740304	0-300	130	60		±40			•	•			•

OFFSET WIRELESS SwissMet IP67 MICRON FORCE DIGITAL CALIPER

Item No	Range	Jaws		Reso-lution	Accu-racy	Force	Protection	Preset	mm/inch	WIRELESS
	mm	slide mm	fix mm	mm	µm	N				
141740155	0-150	110	40	0,001	±15	EXT 8	IP67	•	•	•
141740305	0-300	130	60		±20	INT 4		•	•	•

SwissMet interface

CONNECTION possibilities

VIDEO

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

- **CertiMet** Offset digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Jaws		Reso-lution	Accu-racy	Protection	USB
		slide	fix				
	mm	mm	mm	mm	µm		
141740150	0-150	110	40	0,01	±30	IP54	•
141740300	0-300	130	60		±40		•

DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



OFFSET DataMet CALIPER

Pied à coulisse avec 1 bec amovible

- **DataMet** Offset caliper
- Computerized **MICS** indication system with 0.005 resolution
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range	Jaws		Reso-lution	Accu-racy	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB
		slide	fix																	
	mm	mm	mm	mm	µm	N														
141740157	0-150	110	40	0,005	±20	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	•
141740307	0-300	130	60		±30			•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

IP67 SWISS ELECTRONICS



1µm IP67 SWISS ELECTRONICS

WIRELESS TO MDS APP
FREE VERSIONS
Windows
android
iOS

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android
Windows
iOS



BI-FORCE
EXT 8N INT 4N

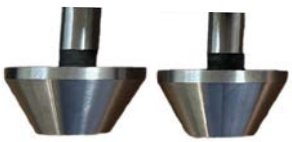
BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE



ANVIL D=10MM

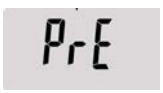


ANVIL D=20MM



ANVIL D=35MM

SwissMet IP67 FUNCTIONS



PRESET



mm/inch



HOLD

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

CUSTOM RANGE AND ANVILS FOR REQUEST

OFFSET CENTERLINE SwissMet IP67 DIGITAL CALIPER

- **SwissMet** digital OFFSET CENTERLINE caliper for hole center distance measurings
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

OFFSET CENTERLINE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvil D		Protection	Preset	mm/inch	Auto on/off	HOLD	S_connect	WIRELESS
					standard	option							
	mm	inch	mm	µm	mm	mm							
OFFSET CENTERLINE DIGITAL CALIPER IP67													
141730153	10-160	0.4-6.4"	0,01	±30	10	20, 35	IP67	•	•	•	•	•	
141730203	10-210	0.4-8.4"						•	•	•	•	•	
141730303	10-310	0.4-12.4"						•	•	•	•	•	
141730513	20-520	0.8-20.4"			20	35, 50		•	•	•	•	•	
141731013	20-1020	0,8-40,4"		±40				•	•	•	•	•	
141731513	20-1520	0,8-40,4"		±50				•	•	•	•	•	
141732013	20-2020	0,8-60,4"		±60				•	•	•	•	•	
141733013	20-3020	0,8-80,4"		±70				•	•	•	•	•	
OFFSET CENTERLINE WIRELESS CALIPER IP67													
141730154	10-160	0.4-6.4"	0,01	±30	10	20, 35	IP67	•	•	•			•
141730204	10-210	0.4-8.4"						•	•	•			•
141730304	10-310	0.4-12.4"						•	•	•			•
141730514	20-520	0.8-20.4"			20	35, 50		•	•	•			•
141731014	20-1020	0,8-40,4"		±40				•	•	•			•
141731514	20-1520	0,8-40,4"		±50				•	•	•			•
141732014	20-2020	0,8-60,4"		±60				•	•	•			•
141733014	20-3020	0,8-80,4"		±70				•	•	•			•

SwissMet interface

CONNECTION possibilities

OFFSET CENTERLINE WIRELESS MICRON FORCE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvil D		Force	Protection	Preset	mm/inch	Auto on/off	WIRELESS
					standard	option						
	mm	inch	mm	µm	mm	mm	N					
141730155	10-160	0.4-6.4"	0,001	±20	10	20, 35	EXT 8 INT 4	IP67	•	•	•	•
141730205	10-210	0.4-8.4"							•	•	•	•
141730305	10-310	0.4-12.4"							•	•	•	•
141730515	20-520	0.8-20.4"			20	35, 50	EXT 12		•	•	•	•
141731015	20-1020	0,8-40,4"		±30					•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH

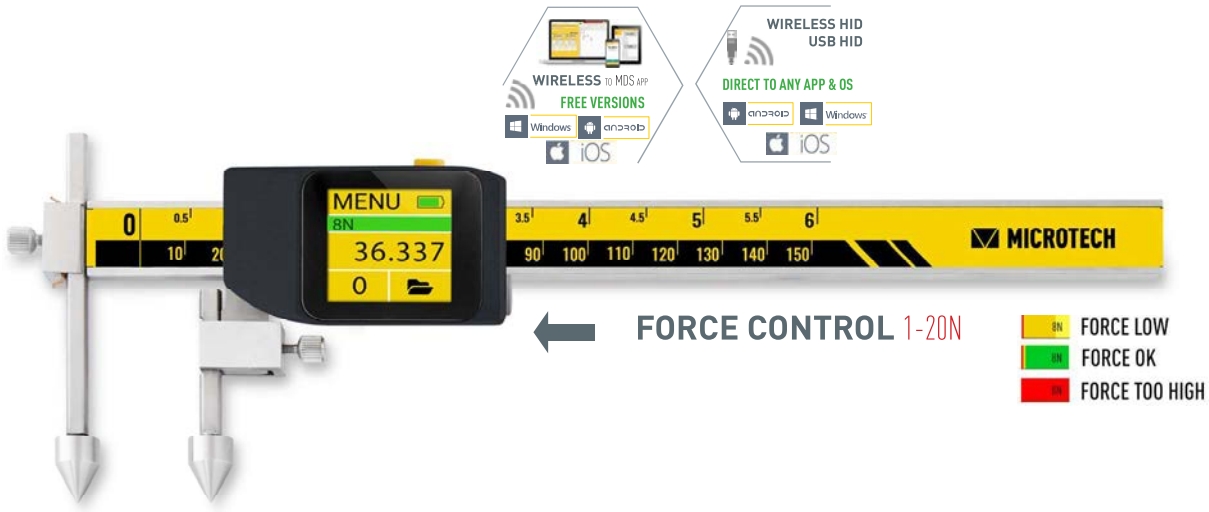


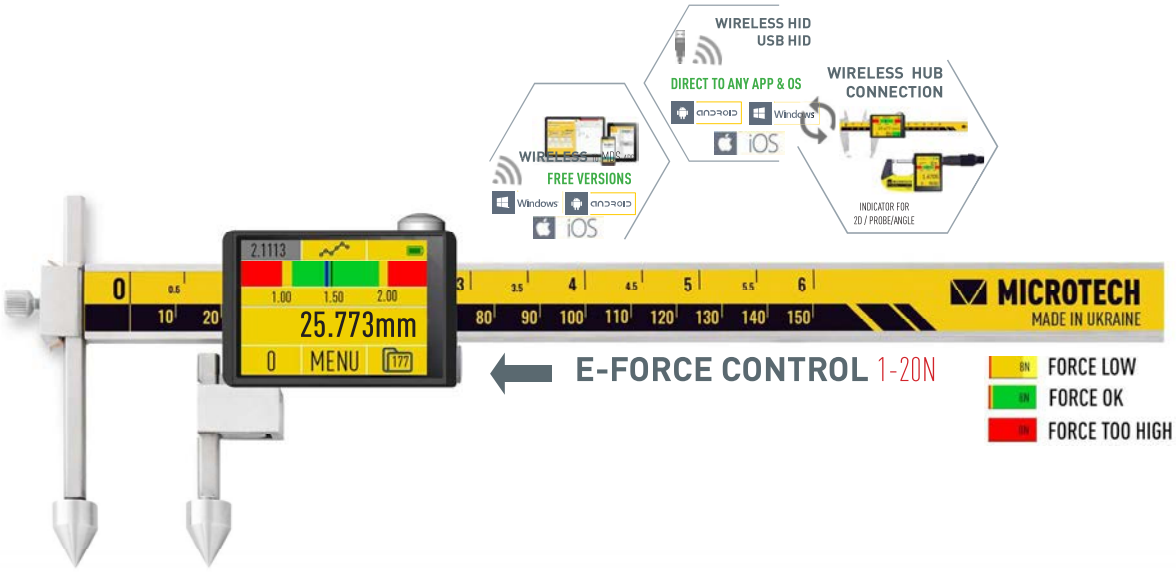
MDS DISPLAY UNIT



MDS SOFTWARE

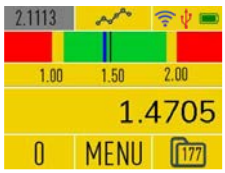






CUSTOM RANGE AND ANVILS FOR REQUEST

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



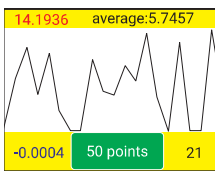
TIMER



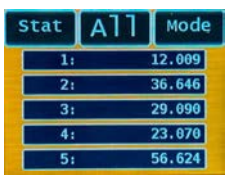
TOUCH PROBE SETTINGS



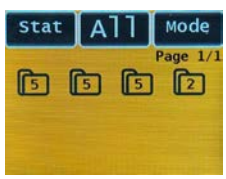
FORMULA Ax²+Bx+C



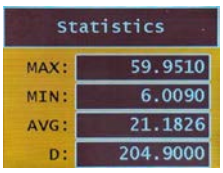
GRAPHIC MODE 1D/2D



MEMORY 2000 values



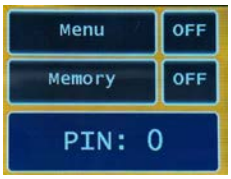
FOLDERS mode



MEMORY STATISTICS



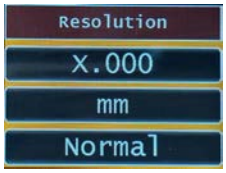
TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



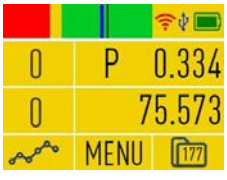
RESOLUTION, mm/inch



WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

OFFSET CENTERLINE DataMet CALIPER

- **DataMet** Offset centerline caliper for hole center distance measurings
- Computerized MICS indication system with 0,005, 0.01 or 0,001mm resolution SWISS made reading system
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

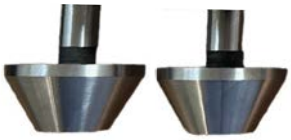
Item No	Range		Reso-lution	Accu-racy	Anvil D		Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	FW update	Recharge	Memory	WIRELESS	USB	MODBUS RTU
					standard	option																
	mm	inch	mm	µm	mm	mm	N															
141730157	10-160	0.4-6.4"	0,005	±20	10	20, 35	1-20	IP54	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	
141730207	10-210	0.4-8.4"							•	•	•	•	•	•	•	•	•	•			•	
141270307	10-310	0.4-12.4"		±25					•	•	•	•	•	•	•	•	•	•			•	
141730517	20-520	0.8-20.4"	0,01	±30	20	35, 50			•	•	•	•	•	•	•	•	•	•			•	
141731017	20-1020	0,8-40,4"		±40					•	•	•	•	•	•	•	•	•	•			•	
141731517	20-1520	0,8-40,4"		±50					•	•	•	•	•	•	•	•	•	•			•	
141732017	20-2020	0,8-60,4"		±60					•	•	•	•	•	•	•	•	•	•			•	
141733017	20-3020	0,8-80,4"		±70					•	•	•	•	•	•	•	•	•	•			•	
MICRON OFFSET CENTERLINE CALIPER																						
141730158	10-160	0.4-6.4"	0,001	±15	10	20, 35	1-20	IP54	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	•	optional
141730208	10-210	0.4-8.4"							•	•	•	•	•	•	•	•	•	•			•	
141270308	10-310	0.4-12.4"		±20					•	•	•	•	•	•	•	•	•	•			•	
141730518	20-520	0.8-20.4"		±20	20	35, 50			•	•	•	•	•	•	•	•	•	•			•	
141731018	20-1020	0,8-40,4"		±30					•	•	•	•	•	•	•	•	•	•			•	



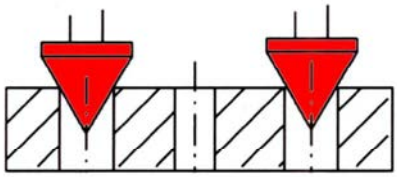
ANVIL D=10MM



ANVIL D=20MM



ANVIL D=35MM



DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



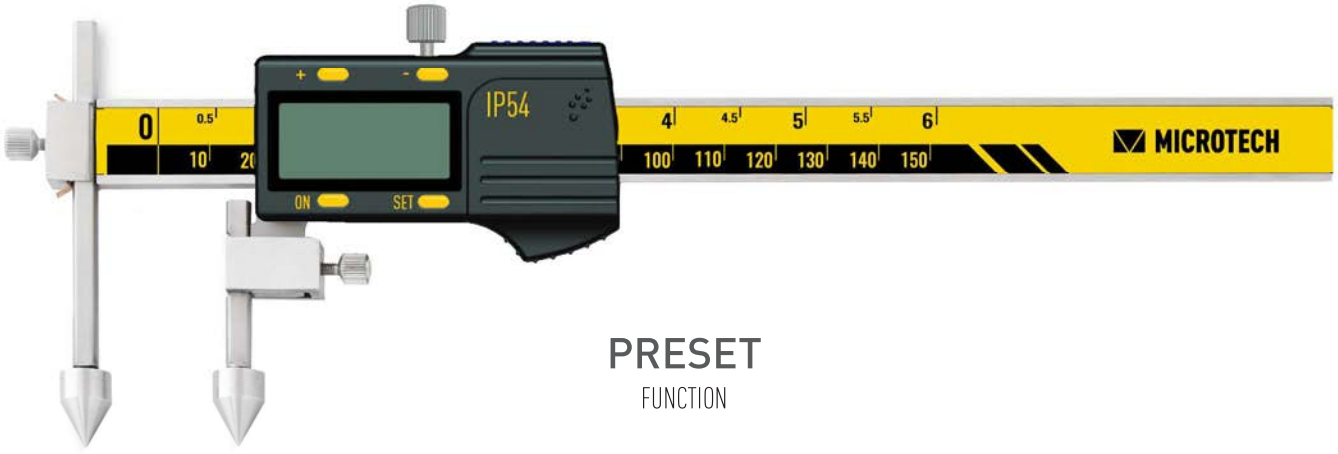
MDS DISPLAY UNIT



MDS SOFTWARE



- **CertiMet** Offset centerline digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



PRESET
FUNCTION

Item No	Range		Reso-lution	Accu-racy	Anvil D		Protection	Preset	USB
					standard	option			
	mm	inch	mm	µm	mm	mm			
141730151	10-160	0.4-6.4"	0,01	±30	10	20, 35	IP54	•	•
141730201	10-210	0.4-8.4"						•	•
141730301	10-310	0.4-12.4"						•	•

DELIVERY SET

CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



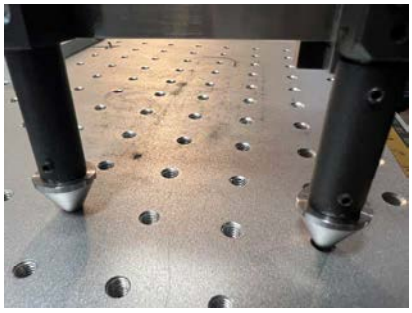
OFFSET CORNER WIRELESS SwissMet IP67 DIGITAL CALIPER

- OFFSET corner caliper
- IP67 SWISS electronics with PRESET function
- MODIFICATION with **WIRELESS** data transfer 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

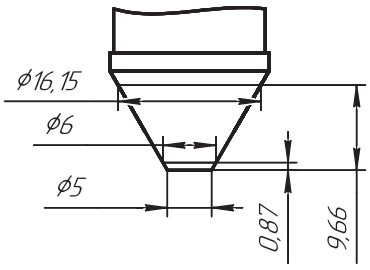


SwissMet interface

CONNECTION possibilities







Item No	Range	Jaws		Reso-lution	Accu-racy	Protection	Preset	WIRELESS
		slide	fix					
	mm	mm	mm	mm	µm			
141743554	0-500	110	40	0,01	±30	IP67	•	•
141743954	0-1000				±40		•	•

DOWNLOAD MDS app WINDOWS — Windows

DOWNLOAD MDS app iOS, MacOS — macOS, iOS

DOWNLOAD MDS app ANDROID — android

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



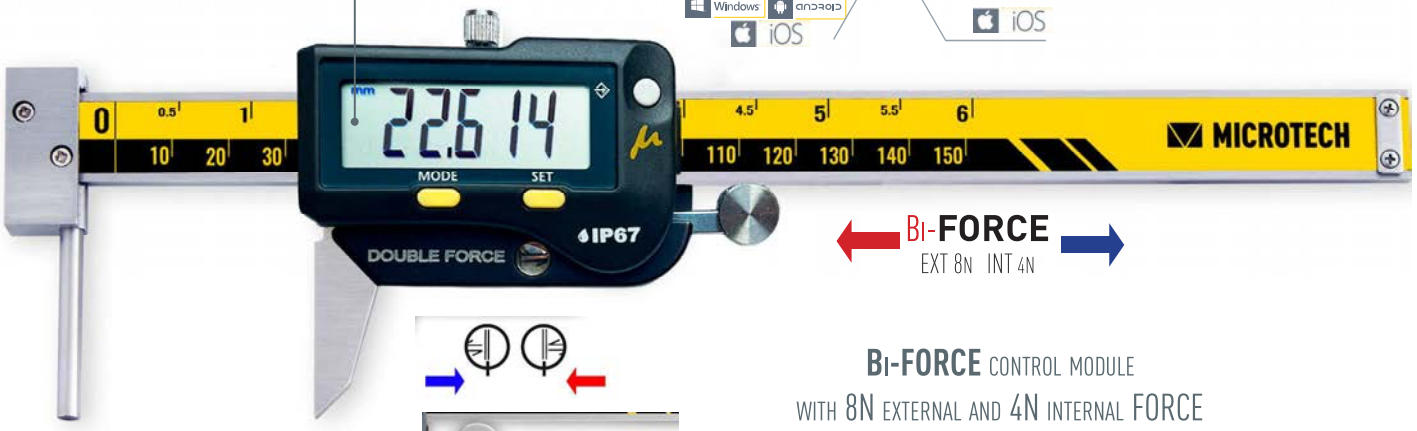
IP67 SWISS ELECTRONICS



1µm IP67 SWISS ELECTRONICS

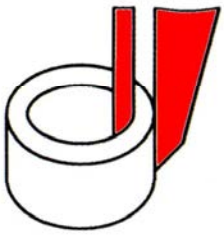
WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

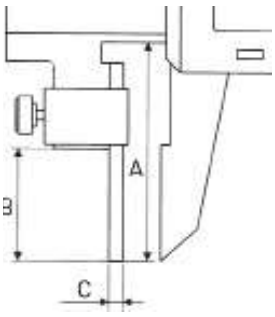
WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS



BI-FORCE
EXT 8N INT 4N

BI-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE





SwissMet IP67 FUNCTIONS

PrE	Unit	1 Hold
PRESET	mm/inch	HOLD

SLEEP (SIS) — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

Range	A	B	C
mm	mm	mm	mm
0-150	46	30	4
0-200	50	40	4
0-300	50	40	4

TUBE SwissMet IP67 DIGITAL CALIPER

- **SwissMet** digital TUBE caliper for wall depth measurings
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **Bi-Force** control module with 8N external and 4N internal FORCE (**Patents** US10429165, UA146381)
- Modification with 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

TUBE SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvil D	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	mm	N						
TUBE DIGITAL CALIPER IP67												
141230153	0-150	0-6"	0,01	±30	4	8/4	IP67	•	•	•	•	
141230203	0-200	0-8"		±30				•	•	•	•	
141230303	0-300	0-12"		±30				•	•	•	•	
TUBE WIRELESS CALIPER IP67												
141230154	0-150	0-6"	0,01	±30	4	-	IP67	•	•			•
141230204	0-200	0-8"		±30				•	•			•
141230304	0-300	0-12"		±30				•	•			•

TUBE SwissMet MICRON FORCE IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Anvil D	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm	mm	N						
TUBE FORCE DIGITAL CALIPER IP67												
141230156	0-150	0-6"	0,001	±15	4	8/4	IP67	•	•	•	•	
141230206	0-200	0-8"		±15				•	•	•	•	
141230306	0-300	0-12"		±20				•	•	•	•	
TUBE FORCE WIRELESS MICRON CALIPER IP67												
141230155	0-150	0-6"	0,001	±15	4	8/4	IP67	•	•			•
141230205	0-200	0-8"		±15				•	•			•
141230305	0-300	0-12"		±20				•	•			•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- **CertiMet** Tube digital caliper
- Digital indication system with 0.01 mm resolution
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Anvil D	Force	Protection	USB
	mm	inch	mm	µm	mm	N		
141230150	0-150	0-6"	0,01	±30	4	-	IP54	•
141230200	0-200	0-8"		±30				•
141230300	0-300	0-12"		±30				•

DELIVERY SET

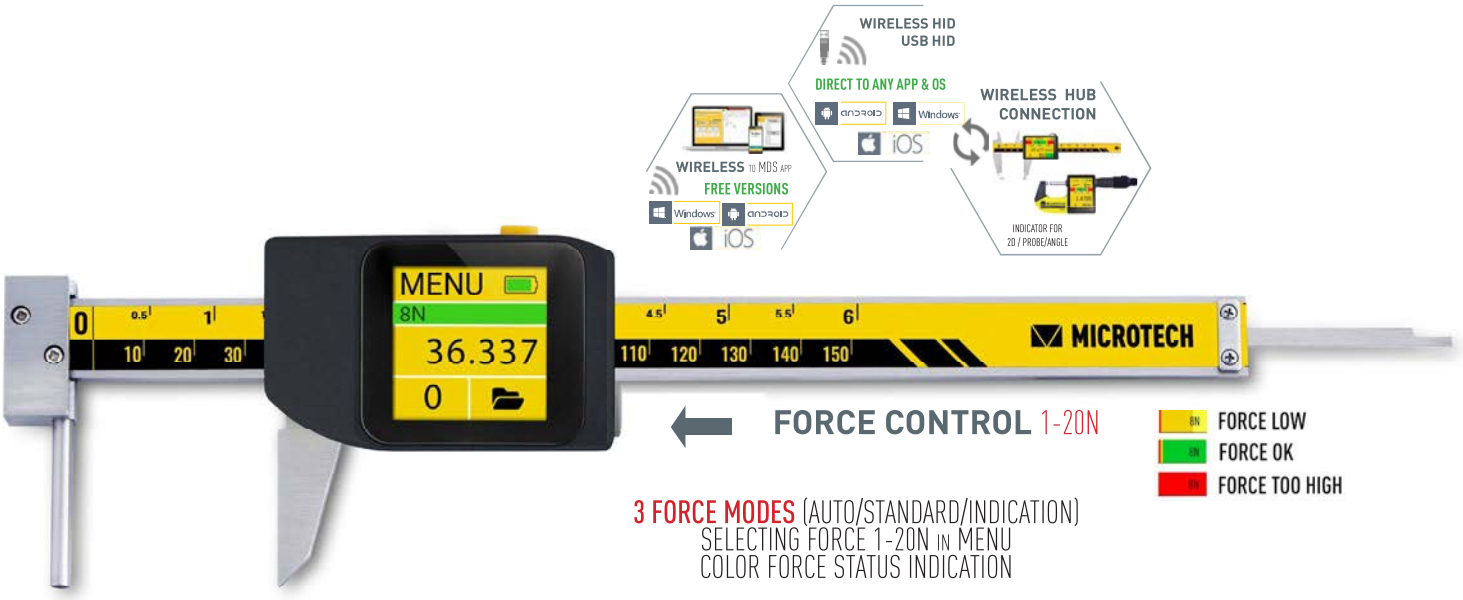
CALIBRATION PROTOCOL

OPTIONAL

141083000 USB HID DATA TRANSFER CABLE 2.5M
DIRECT DATA TRANSFER, LIKE A KEYBOARD



- **DataMet** Tube caliper
- Computerized MICS indication system with 0,005 or 0,001mm resolution SWISS made reading system
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Anvil D	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm	mm	N														
141230157	0-150	0-6"		±20				•	•	•	•	•	•	•	•	•			•	
141230207	0-200	0-8"	0,005	±25	4	1-20	IP54	•	•	•	•	•	•	•	•	•			•	
141230307	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•			•	
MICRON TUBE COMPUTERIZED CALIPER IP54																	Folders / 2000 val	Long range / HID		option
141230158	0-150	0-6"		±20				•	•	•	•	•	•	•	•	•			•	
141230208	0-200	0-8"	0,001	±25	4	1-20	IP54	•	•	•	•	•	•	•	•	•			•	
141230308	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•			•	

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

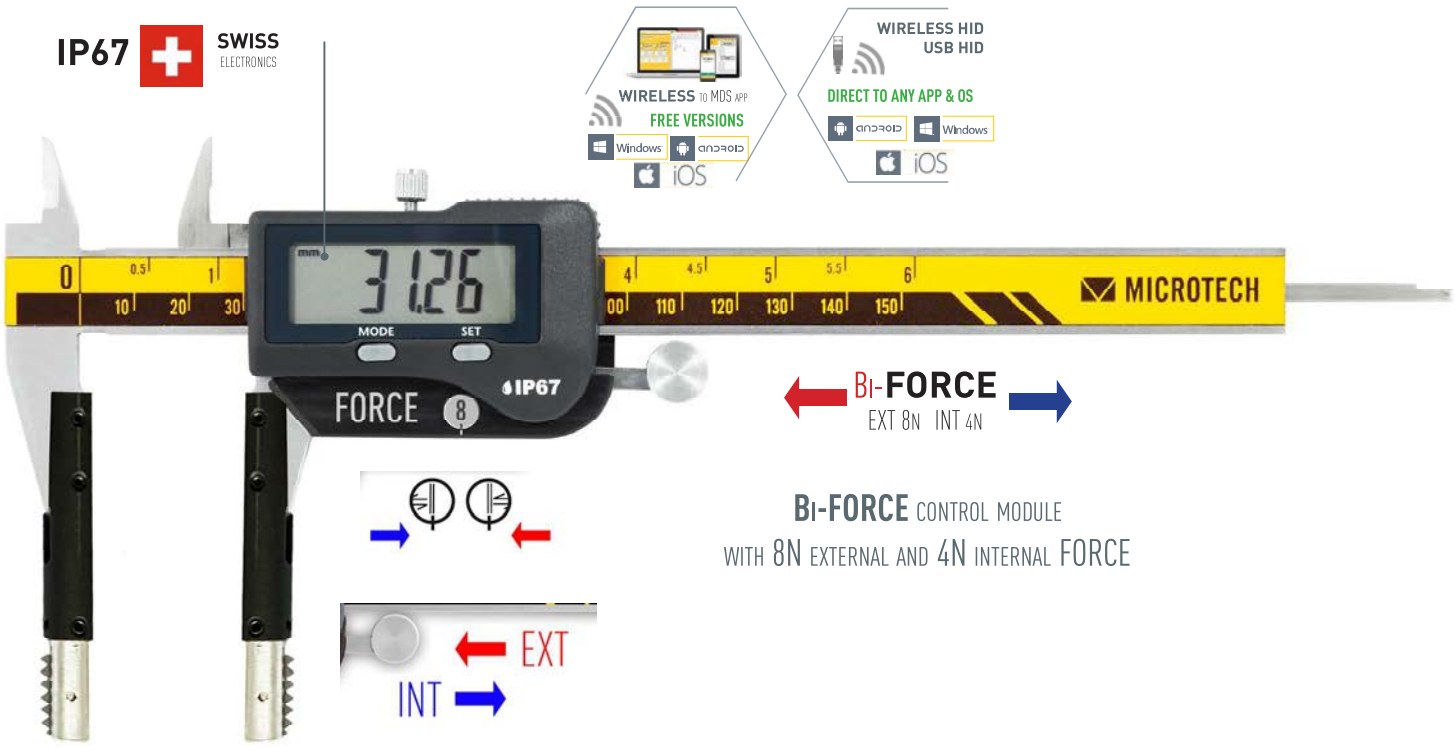
OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE



Bi-FORCE CONTROL MODULE
WITH 8N EXTERNAL AND 4N INTERNAL FORCE

INTERNAL & EXTERNAL

ANVILS ARE OPTIONAL

SwissMet interface

CONNECTION possibilities

SwissMet IP67 FUNCTIONS



PRESET | mm/inch | HOLD

SLEEP **(SIS)** — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

THREAD SwissMet IP67 Bi-FORCE DIGITAL CALIPER

- **SwissMet** Metric and BSW, BSF, Tr **THREAD** measurings (internal & external)
- Interchangeable anvils pairs or anvils set
- **Bi-Force** control module with 8N external and 4N internal FORCE
- **Patents** US10429165, UA146381, UA202300560
- Waterproof IP67 Swiss electronics with **PRESET** function
- MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Bi-force	Protection	Fixator	Preset	mm/inch	Auto on/off	S_connect	WIRELESS
	mm	inch	mm	N							
141078195T	0-150	0-6"	0,001	8 ext	IP-67	•	•	•	•		•
141078122T			0,01			•	•	•	•	•	
141078395T	0-300	0-12"	0,001	4 int		•	•	•	•		•
141078322T			0,01			•	•	•	•	•	

DOWNLOAD MDS app WINDOWS — Windows

DOWNLOAD MDS app iOS, MacOS — macOS, iOS

DOWNLOAD MDS app ANDROID — android

THREAD ANVILS (Pair)

Item No	Pitch	Angle
	mm	grad
141377110T	1,0	60°
141377112T	1,25	
141377115T	1,5	
141377120T	2,0	
141377125T	2,5	
141377130T	3,0	
141377135T	3,5	
141377140T	4,0	
141377145T	4,5	
141377150T	5,0	
141377155T	5,5	
141377160T	6,0	
141377165T	6,5	
141377170T	7,0	
141377106T	SET Metric 60° 1,5-6mm (10pcs)	
141377107T	SET Metric 60° 1,5-7mm (12pcs)	

CUSTOM RANGE AND ANVILS FOR REQUEST

Item No	Pitch	Angle
	mm	grad
141377302T	2	Tr 30°
141377303T	3	
141377304T	4	
141377305T	5	
141377306T	6	
141377307T	7	
141377308T	8	
141377309T	9	
141377310T	10	
141377312T	12	
141377316T	16	
141377320T	20	
141377300T	SET Thread 30° 2-20mm (12pcs)	



Item No	Type	TPI
141377211T	BSF 55°	11
141377212T		10
141377213T		9
141377214T		8
141377215T		7
141377216T		6
141377217T		5
141377218T		4 1/2
141377219T		4
141377291T	SET BSF 55° 4-11 TPI (9pcs)	



Item No	Type	TPI
141377201T	BSW 55°	9
141377202T		8
141377203T		7
141377204T		6
141377205T		5
141377206T		4 1/2
141377207T		4
141377200T	SET BSW 55° 4-9 TPI (7pcs)	

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



ANVILS PAIR



- **SwissMet CABLE** digital caliper with Flat and Pointed (d 0.3mm) jaws
- **Bi-Force** control module with 8N external and 4N internal FORCE
- **Patents** US10429165, UA146381, UA202300560
- Waterproof IP67 Swiss electronics with **PRESET** function
- MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Anvil	Force	Protection	Preset	mm/inch	HOLD	S_connect	WIRELESS
	mm	inch	mm	µm		N						
TUBE FORCE DIGITAL CALIPER IP67												
141270156	0-150	0-6"	0,001	±5	Point D0.3mm	8/4	IP67	•	•	•	•	
TUBE FORCE WIRELESS MICRON CALIPER IP67												
141270155	0-150	0-6"	0,001	±5	Point D0.3mm	8/4	IP67	•	•			•

DOWNLOAD MDS app WINDOWS — Windows

DOWNLOAD MDS app iOS, MacOS — macOS, iOS

DOWNLOAD MDS app ANDROID — android

SwissMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP

ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON

DataMet FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app

CABLE DataMet CALIPER

- **DataMet CABLE** caliper with Flat and Pointed (d 0.3mm) jaws
- Computerized MICS indication system with 0,001mm resolution SWISS made reading system
- **E-Force** control module with Force selection 1-20N, color indication, AUTO-Force mode, Force indication
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- OPTIONAL MODBUS RTU data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Reso-lution	Accu-racy	Anvil D	Force	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU
	mm	inch	mm	µm	mm	N														
141270158	0-150	0-6"	0,0005	±4	Point D0.3mm	1-20	IP54	•	•	•	•	•	•	•	•	•	•	•	•	
141270158M								•	•	•	•	•	•	•	•	•	•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DataMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

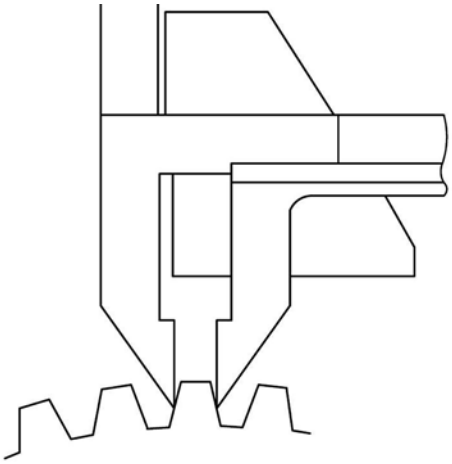
DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE





SwissMet IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

HOLD
HOLD

SLEEP (SIS)
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

GEAR TOOTH SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Gear tooth digital caliper IP67
- Digital Waterproof IP67 Swiss electronics with 0.01 or 0.001mm resolution
- **MODIFICATION with 3 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

GEAR TOOTH SwissMet IP67 DIGITAL CALIPER

Item No	Range	Resolution	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	mm						
142022603	M1-25	0,01	IP67	•	•	•	•	•
142025003	M5-50			•	•	•	•	•

MICRON GEAR TOOTH SwissMet IP67 DIGITAL CALIPER

Item No	Range	Resolution	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	mm						
142022606	M1-25	0,001	IP67	•	•	•	•	•
142025006	M5-50			•	•	•	•	•

MICRON WIRELESS GEAR TOOTH SwissMet IP67 DIGITAL CALIPER

Item No	Range	Resolution	Protection	Preset	ABS	mm/inch	Auto on/off	WIRELESS
	mm	mm						
142022605	M1-25	0,001	IP67	•	•	•	•	•
142025005	M5-50			•	•	•	•	•

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

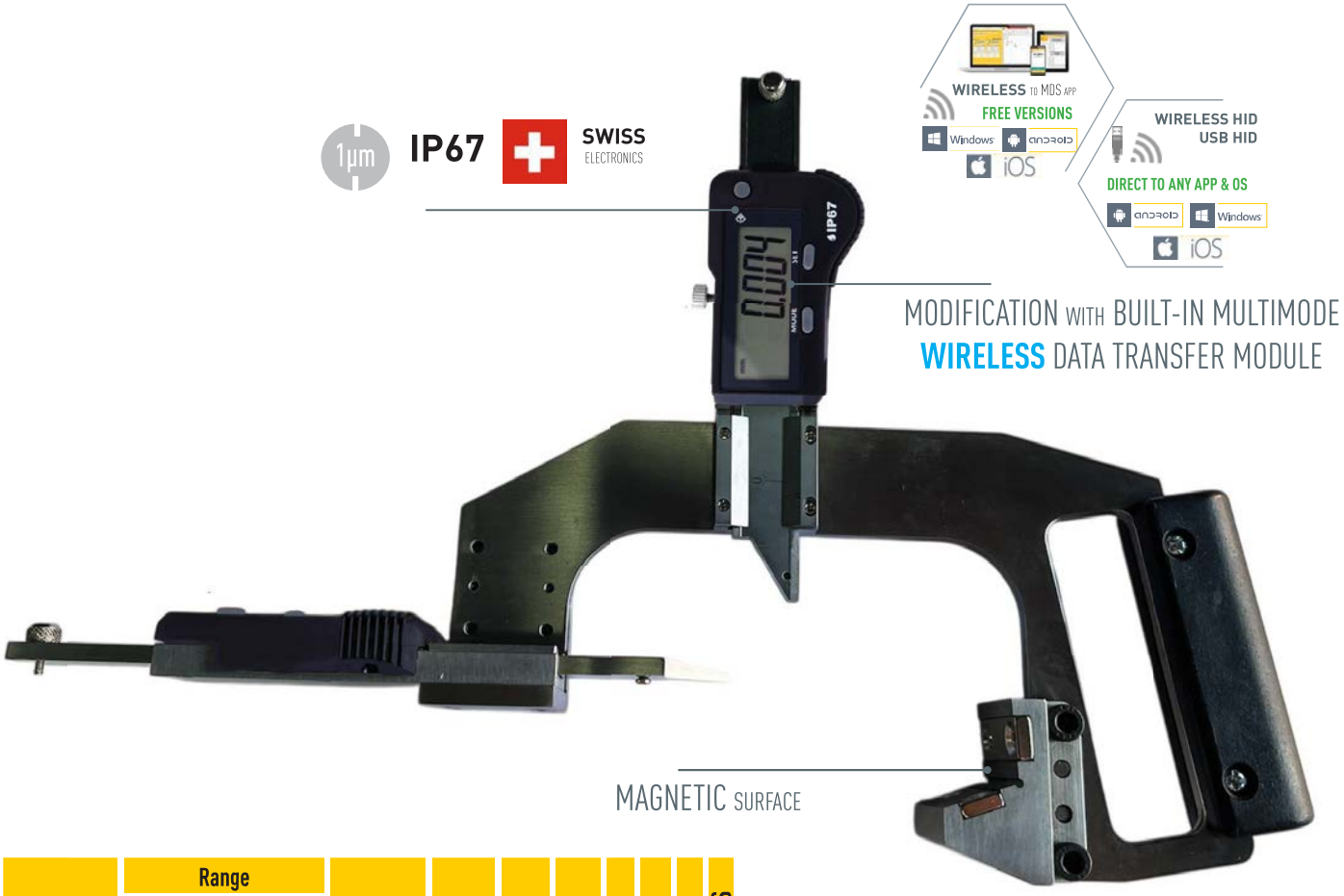


MDS SOFTWARE



RAILWAY RAIL PROFILE SwissMet IP67 DIGITAL CALIPER

- Railway rail profile caliper to measuring vertical wear and lateral wear of the rail
- Equipped with magnetic positioning surface
- **Optional calibraition block**
- Waterproof IP67 Swiss electronics 0.01 or 0.001mm resolution with **PRESET** function
- Modification with DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range		Magnetic surface	Reso-lution	Accu-racy	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	Center vertical wear	Lateral wear								
	mm	mm		mm	µm					
142041603	0-15	0-25	•	0,01	±30	IP-67	•	•	•	
142041604			•				•	•	•	•
142041606			•	0,001	±15		•	•	•	
142041605			•				•	•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

SwissMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

RAILWAY WHEEL PROFILE SwissMet IP67 DIGITAL CALIPER

- Railway wheel profile caliper (flange caliper) to measuring Sd Flange thickness? Sh Flange height, QR Flange steepness parameters of subway wheel
- Equipped with magnetic positioning surface
- **Optional calibration block**
- Waterproof IP67 Swiss electronics 0.01 or 0.001mm resolution with **PRESET** function
- Modification with DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



Item No	Range			P Thread inclination	Magnetic surface	Calibration block	Reso-lution	Accu-racy	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	Sd Flange thicknesss	Sh Flange height	QR Flange steepness										
	mm	mm	mm				mm	µm					
142040603	20-40	20-40	0-10	•	•	option	0,01	±30	IP-67	•	•	•	
142040604				•	•					•	•	•	•
142040606				•	•		0,001	±15		•	•	•	
142040605				•	•					•	•	•	•
142040600	Setting gauge for Wheel profile digital caliper												

SwissMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

CALIBRATION BLOCK

DEPTH SwissMet IP67 DIGITAL CALIPER

Pied à coulisse de profondeur avec pont/base en acier





UP TO 3000MM





SwissMet IP67 FUNCTIONS

PRESET — mm/inch — HOLD

SLEEP (SIS) — IP67 — SWISS ELECTRONICS

Auto ON/OFF — IP 67 (IEC60529) — Swiss electronics

MDS APP — HID

WIRELESS MDS app — WIRELESS HID

DEPTH SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Waterproof IP67 Swiss electronics with PRESET function
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DEPTH SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	mm/inch	HOLD	Auto on/off	S_connect
	mm	inch	mm	µm	mm						
1432010153	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•	•
1432010203	0-200	0-8"		±30			•	•	•	•	•
1432010303	0-300	0-12"					•	•	•	•	•
1432010503	0-500	0-20"		±40			•	•	•	•	•
1432011003	0-1000	0-40"		±50	150		•	•	•	•	
1432012003	0-2000	0-80"		±80			•	•	•	•	
1432013003	0-3000	0-120"		±100			•	•	•	•	

DEPTH SwissMet IP67 DIGITAL CALIPER DOUBLE HOOK

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	mm/inch	HOLD	Auto on/off	S_connect
	mm	inch	mm	µm	mm						
1432020153	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•	•
1432020303	0-300	0-12"		±30			•	•	•	•	•

DEPTH SwissMet IP67 DIGITAL CALIPER PIN TIP

Item No	Range		Reso-lution	Accu-racy	Base	Pin	Protection	Preset	mm/inch	HOLD	Auto on/off	S_connect
	mm	inch	mm	µm	mm	mm						
1432030153	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•	•	•	•	•
1432030303	0-300	0-12"		±30				•	•	•	•	•
1432030503	0-500	0-20"		±40				•	•	•	•	•

DELIVERY SET

ilac-MRA
CALIBRATION PROTOCOL

SwissMet interface

CONNECTION possibilities

VIDEO

IP67 SWISS ELECTRONICS

BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE

WIRELESS TO MDS APP FREE VERSIONS Windows android iOS

WIRELESS HID USB HID DIRECT TO ANY APP & OS android Windows iOS







SWISSMET IP67 FUNCTIONS

PrE
PRESET

Unit
mm/inch

1 Hold
HOLD

SLEEP **(SIS)**
Auto ON/OFF

IP67
IP 67 (IEC60529)

SWISS ELECTRONICS
Swiss electronics

MDS APP
WIRELESS MDS app

HID
WIRELESS HID

WIRELESS DEPTH SwissMet IP67 DIGITAL CALIPER

- **SwissMet** Waterproof IP67 Swiss electronics with PRESET function
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

WIRELESS DEPTH SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm					
1432010154	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•
1432010204	0-200	0-8"		±30			•	•	•	•
1432010304	0-300	0-12"					•	•	•	•
1432010504	0-500	0-20"		±40			•	•	•	•
1432011004	0-1000	0-40"		±50	150		•	•	•	•
1432012004	0-2000	0-80"		±80			•	•	•	•
1432013004	0-3000	0-120"		±100			•	•	•	•

CONNECTION possibilities

SwissMet interface

WIRELESS DEPTH SwissMet IP67 DIGITAL CALIPER DOUBLE HOOK

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm					
1432020154	0-150	0-6"	0,01	±20	102	IP67	•	•	•	•
1432020304	0-300	0-12"		±30			•	•	•	•

WIRELESS DEPTH SwissMet IP67 DIGITAL CALIPER PIN TIP

Item No	Range		Reso-lution	Accu-racy	Base	Pin	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm	mm					
1432030154	0-150	0-6"	0,01	±20	102	D 1,5	IP67	•	•	•	•
1432030304	0-300	0-12"		±30				•	•	•	•
1432030504	0-500	0-20"		±40				•	•	•	•

DELIVERY SET

FREE VERSIONS OF MDS APP



CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- MICRON SwissMet Waterproof IP67 Swiss electronics with PRESET function
- High accuracy up to ±15µm
- 3 MODES DATA TRANSFER: WIRELESS to MDS app (Windows, Android, iOS, MacOS); WIRELESS HID, WIRELESS HID+MAC
- Calibration certificate included (ISO17025 (Ilac MRA))



MICRON DEPTH SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	mm/inch	Auto on/off	HOLD	Auto on/off	S_connect
	mm	inch	mm	µm	mm							
1432010156	0-150	0-6"	0,001	±15	102	IP67	•	•	•	•	•	•
1432010206	0-200	0-8"		±20			•	•	•	•	•	•
1432010306	0-300	0-12"					•	•	•	•	•	•
1432010506	0-500	0-20"		±30			•	•	•	•	•	•

SwissMet interface

CONNECTION possibilities

WIRELESS MICRON DEPTH SwissMet IP67 DIGITAL CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm	mm					
1432010155	0-150	0-6"	0,001	±15	102	IP67	•	•	•	•
1432010205	0-200	0-8"		±20			•	•	•	•
1432010305	0-300	0-12"					•	•	•	•
1432010505	0-500	0-20"		±30			•	•	•	•

DOWNLOAD MDS app WINDOWS
Windows

DOWNLOAD MDS app iOS, MacOS
macOS iOS

DOWNLOAD MDS app ANDROID
android

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

DataMet BUTTON



DataMet FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



CertiMet DEPTH DIGITAL CALIPER IP54

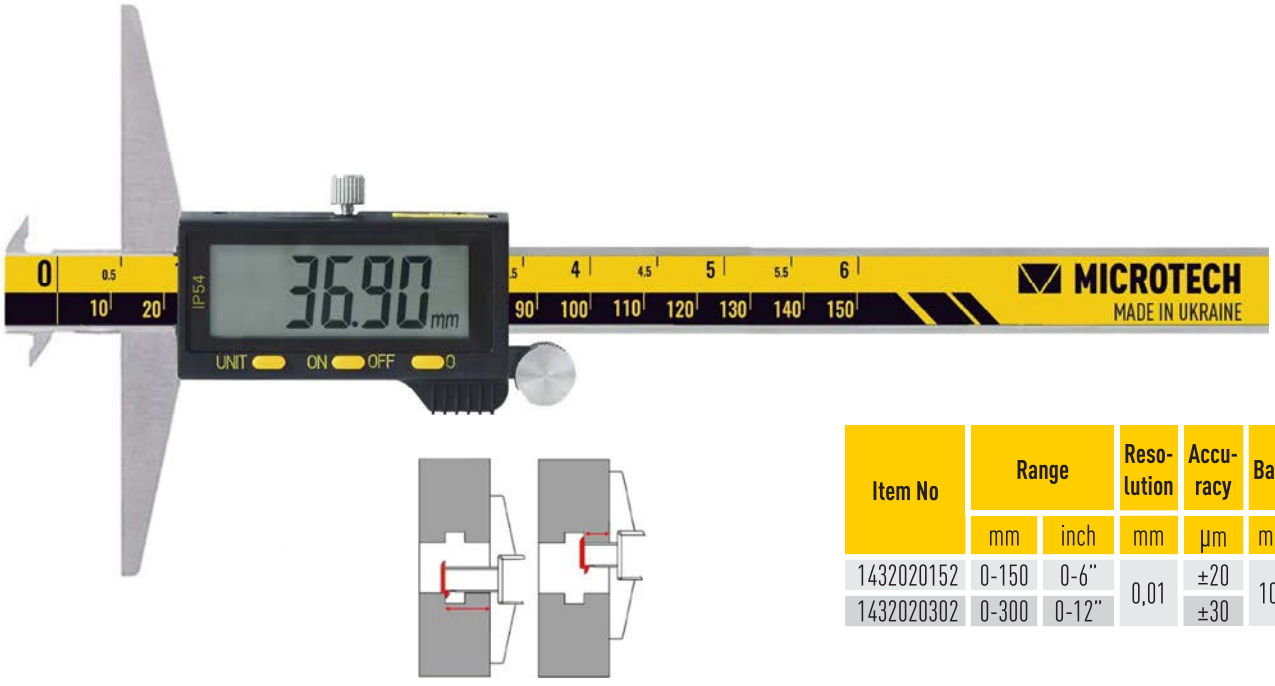
- **CertiMet** digital depth caliper **IP54** waterproof with optimal price level
- Micro USB data output (optional USB HID cable **29900830**)
- **Calibration** certificate included (ISO17025 (Ilac MRA))

CertiMet DEPTH DIGITAL CALIPER IP54



Item No	Range		Reso-lution	Accu-racy	Base	Protection	USB
	mm	inch	mm	µm	mm		
1432010152	0-150	0-6"	0,01	±20	102	IP54	•
1432010202	0-200	0-8"		±30			•
1432010302	0-300	0-12"		±30			•
1432010502	0-500	0-20"		±50			•

CertiMet DEPTH DIGITAL CALIPER IP54 DOUBLE HOOK



Item No	Range		Reso-lution	Accu-racy	Base	Protection	USB
	mm	inch	mm	µm	mm		
1432020152	0-150	0-6"	0,01	±20	102	IP54	•
1432020302	0-300	0-12"		±30			•

DELIVERY SET

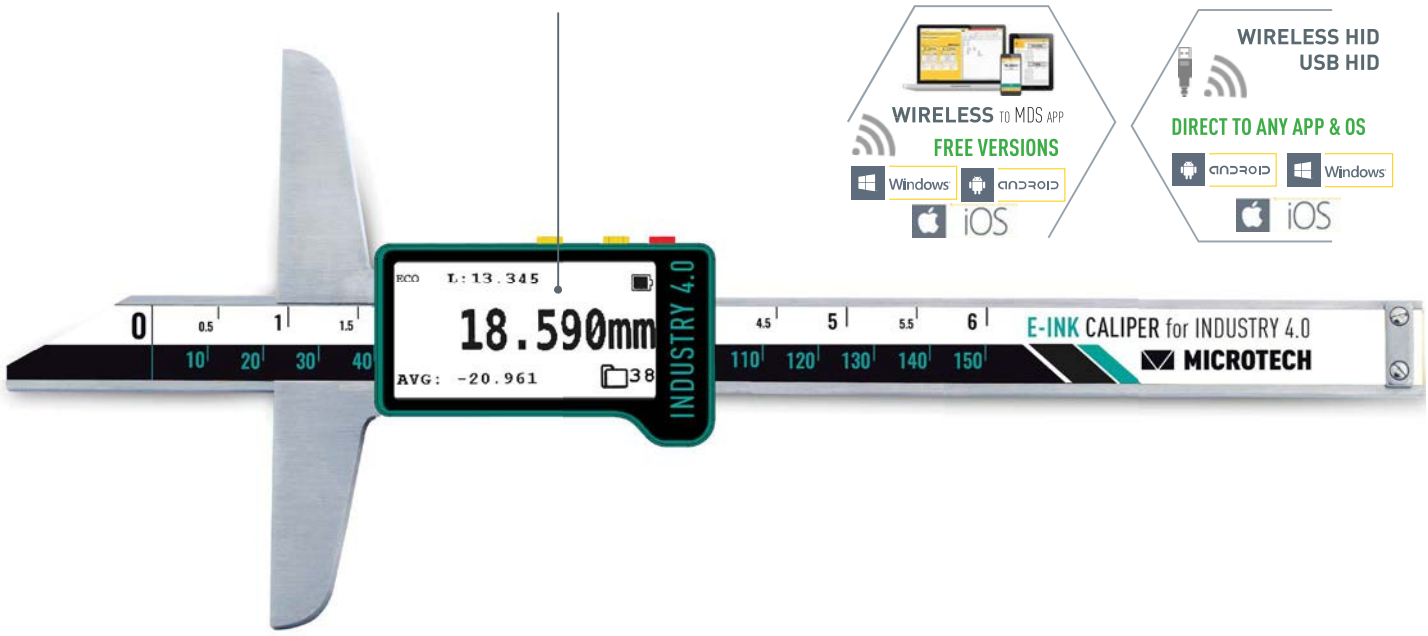
CALIBRATION PROTOCOL

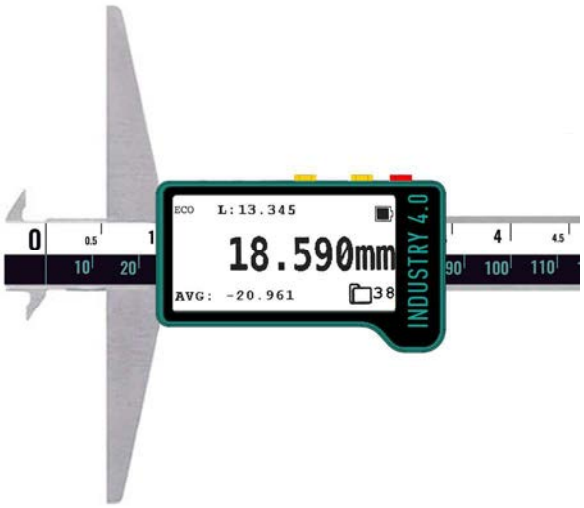
OPTIONAL

141083000 USB HID data transfer cable 2.5m
Direct data transfer, like a keyboard



ENERGY EFFICIENCY **E-INK** DISPLAY 2.13"



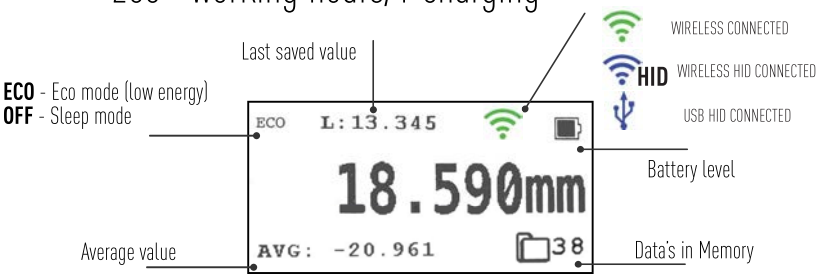




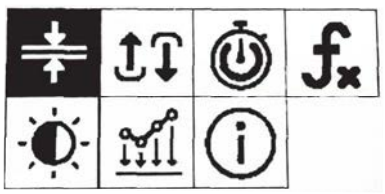
DataMet E-INK FUNCTIONS

ENERGY ECONOMY 2.13" E-INK DISPLAY

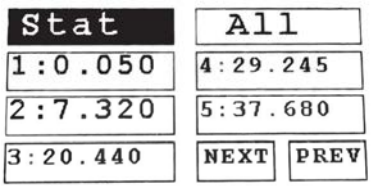
200+ working hours/1 charging



MULTIFUNCTIONAL MENU



INTERNAL MEMORY 1000 val with STATISTICS



DataMet E-INK DEPTH CALIPER

- **Industry 4.0** adopted Intelligent depth caliper with computerized MICS system (Patents US10184772, UA174949, UA126928)
- ENERGY ECONOMY 2.13'' E-ink display (200+ working hours / 1 charging)
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Resolution selecting, Connection indication
- **Memory manager:** 1000 values, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet E-INK DEPTH CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm												
1432010159	0-150	0-6"	0,005	±15	102	•	•	•	•	•	•	•	•	•	1000 val	•	•
1432010209	0-200	0-8"		±20		•	•	•	•	•	•	•	•	•		•	•
1432010309	0-300	0-12"		±25		•	•	•	•	•	•	•	•	•		•	•

DataMet E-INK DEPTH CALIPER DOUBLE HOOK

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm													
1432020159	0-150	0-6"	0,005	±15	102	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432020309	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•

DataMet E-INK DEPTH CALIPER PIN TIP

Item No	Range		Reso-lution	Accu-racy	Base	Pin	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	mm													
1432030159	0-150	0-6"	0,005	±15	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432030309	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•	•	•

E-ink interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



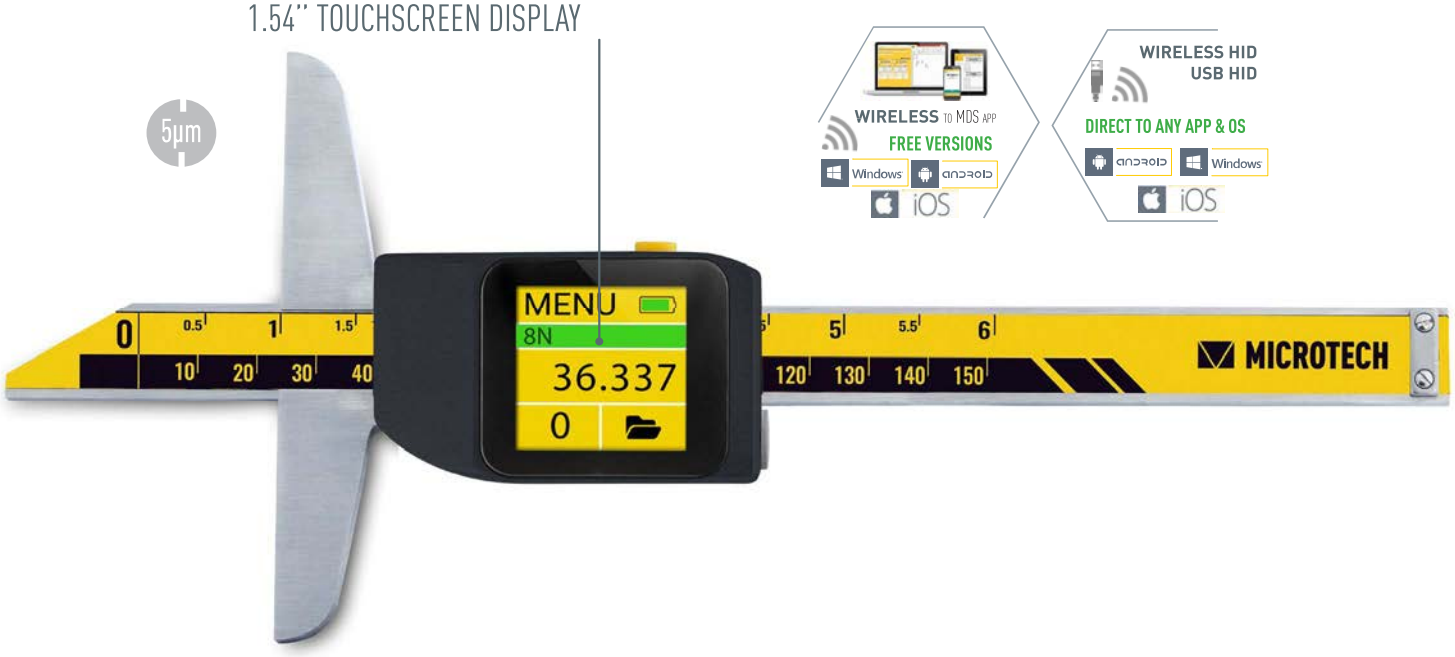
MDS DISPLAY UNIT



MDS SOFTWARE



TABLET MULTIFUNCTIONAL **MICS**
1.54" TOUCHSCREEN DISPLAY







DataMet FUNCTIONS



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



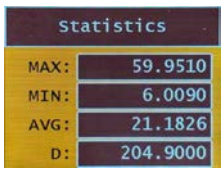
TIMER



FORMULA Ax^2+Bx+C



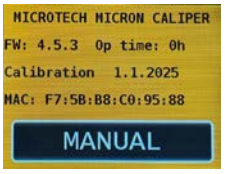
MEMORY 1000 values



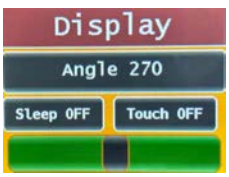
MEMORY STATISTICS



TEMPERATURE COMPENSATION



DEVICE INFO, UPDATE



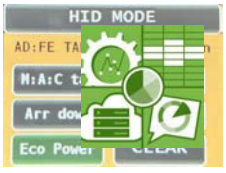
DISPLAY & ENERGY



RESOLUTION, mm/inch



WIRELESS to MDS app



WIRELESS & USB HID

DataMet DEPTH CALIPER

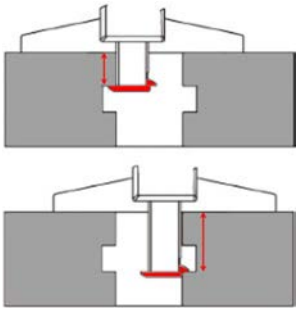
- **Industry 4.0** adopted depth caliper with computerized MICS system
- STANDARD type depth caliper or with PIN TIP or DOUBLE HOOK
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

DataMet DEPTH CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm												
1432010157	0-150	0-6"	0,005	±15	102	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432010207	0-200	0-8"		±20		•	•	•	•	•	•	•	•	•			
1432010307	0-300	0-12"		±25		•	•	•	•	•	•	•	•	•			
1432010507	0-500	0-20"	0,01	±40		•	•	•	•	•	•	•	•	•			
1432011007	0-1000	0-40"		±50	150	•	•	•	•	•	•	•	•	•			
1432012007	0-2000	0-80"		±70		•	•	•	•	•	•	•	•	•			
1432013007	0-3000	0-1200"		±90		•	•	•	•	•	•	•	•	•			

DataMet DEPTH CALIPER DOUBLE HOOK

Item No	Range		Reso-lution	Accu-racy	Base	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm													
1432020157	0-150	0-6"	0,005	±15	102	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432020307	0-300	0-12"		±25			•	•	•	•	•	•	•	•	•	•	•	•



DataMet DEPTH CALIPER PIN TIP

Item No	Range		Reso-lution	Accu-racy	Base	Pin	Protection	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm	mm													
1432030157	0-150	0-6"	0,005	±15	102	D 1,5	IP54	•	•	•	•	•	•	•	•	•	•	•	•
1432030307	0-300	0-12"		±25				•	•	•	•	•	•	•	•	•	•	•	•
1432030507	0-500	0-20"		±30				•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH

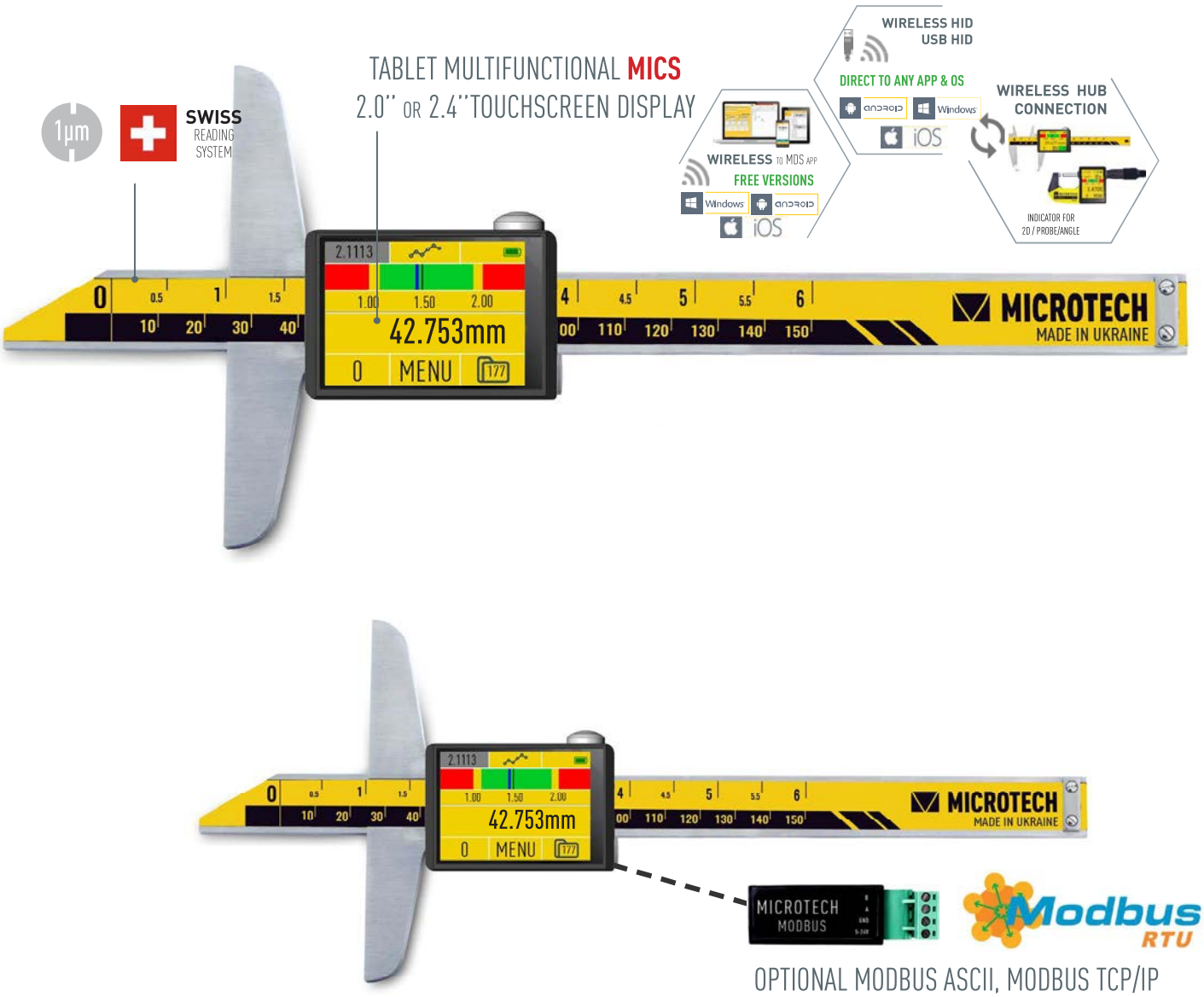


MDS DISPLAY UNIT



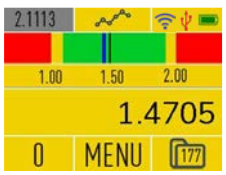
MDS SOFTWARE





OPTIONAL MODBUS ASCII, MODBUS TCP/IP

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



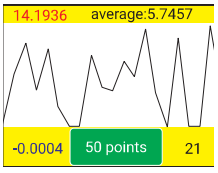
TIMER



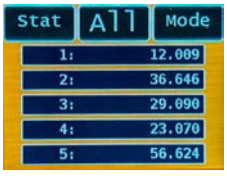
TOUCH PROBE SETTINGS



FORMULA Ax^2+Bx+C



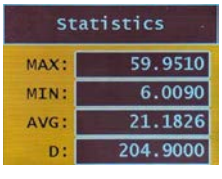
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



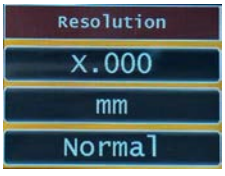
TEMPERATURE COMPENSATION



PASSWORD



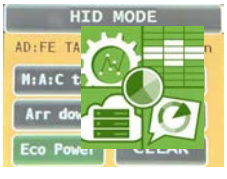
DISPLAY & ENERGY



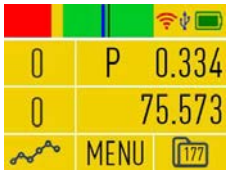
RESOLUTION, mm/inch



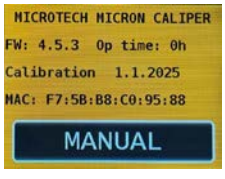
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

MICRON DataMet DEPTH CALIPER

- **Industry 4.0** adopted depth caliper with computerized MICS system
- MODIFICATION **MICRON with** SWISS made reading system resolution 1 micron (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- MODIFICATION **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))

MICRON DataMet DEPTH CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm	mm												
1432010158	0-150	0-6"	0,001	±12	102	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
1432010208	0-200	0-8"		±15		•	•	•	•	•	•	•	•	•			
1432010308	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•			
1432010508	0-500	0-20"		±25		•	•	•	•	•	•	•	•	•			
1432011008	0-1000	0-40"		±30	150	•	•	•	•	•	•	•	•	•			

MODBUS MICRON DataMet DEPTH CALIPER

Item No	Range		Reso-lution	Accu-racy	Base	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS RTU	MODBUS ASCII	MODBUS TCP/IP
	mm	inch	mm	µm	mm															
1432010158M	0-150	0-6"	0,001	±12	102	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	•	OPTION	OPTION
1432010208M	0-200	0-8"		±15		•	•	•	•	•	•	•	•	•				•		
1432010308M	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•				•		
1432010508M	0-500	0-20"		±25		•	•	•	•	•	•	•	•	•				•		
1432011008M	0-1000	0-40"		±30	150	•	•	•	•	•	•	•	•	•				•		

DataMet interface

CONNECTION possibilities

MODBUS protocol

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CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



MODIFICATION WITH BUILT-IN MULTIMODE WIRELESS DATA TRANSFER MODULE

1µm IP67 SWISS ELECTRONICS

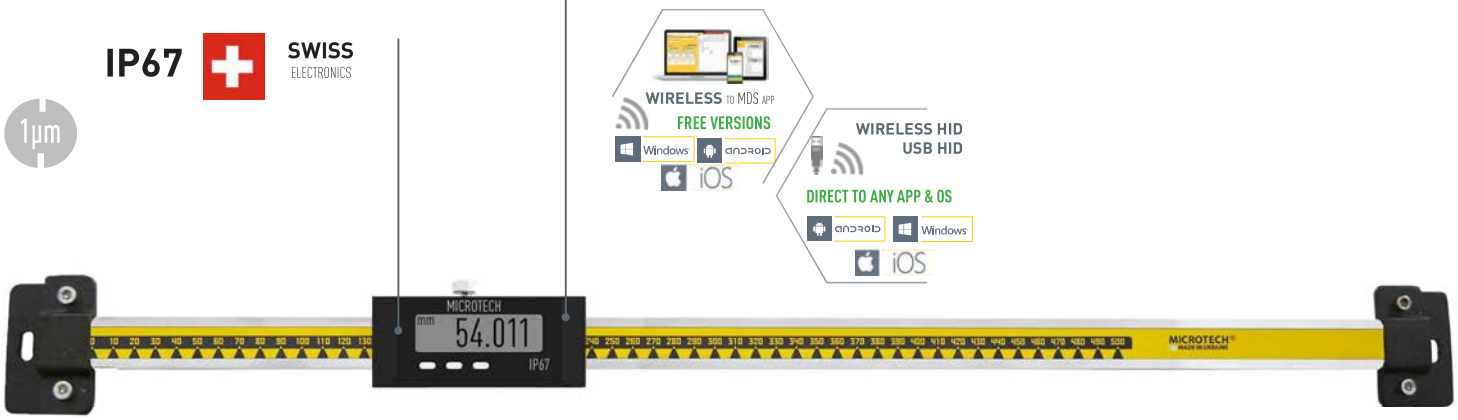
Règle linéaire digitale à fixer
- avec envoi des valeurs à distance



MODIFICATION WITH BUILT-IN MULTIMODE WIRELESS DATA TRANSFER MODULE

IP67 SWISS ELECTRONICS

1µm



CUSTOM RANGE AND CONFIGURATION FOR REQUEST

SwissMet IP67 FUNCTIONS

PrE — PRESET

Unit — mm/inch

1 Hold — HOLD

SLEEP (SIS) — Auto ON/OFF

IP67 — IP 67 (IEC60529)

SWISS ELECTRONICS — Swiss electronics

MDS APP — WIRELESS MDS app

HID — WIRELESS HID

SwissMet IP67 READOUT LINEAR SCALE

- **SwissMet** Waterproof IP67 Swiss electronics with PRESET function with 0,01mm or 0,001mm resolution
- High accuracy up to **±10µm**
- MODIFICATION 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **CUSTOM RANGE AND CONFIGURATION FOR REQUEST**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 READOUT LINEAR SCALE

Item No	Range		Reso-lution	Accu-racy	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm						
142501147	0-150	0-6"	0,01	±20	IP67	•	•	•	•	•
142502147	0-200	0-8"		±20		•	•	•	•	•
142503147	0-300	0-12"		±30		•	•	•	•	•
142505147	0-500	0-20"		±40		•	•	•	•	•
142506147	0-600	0-24"				•	•	•	•	•
142510147	0-1000	0-40"		±50		•	•	•	•	•
142515147	0-1500	0-60"		±70		•	•	•	•	•
142520147	0-2000	0-80"		±80		•	•	•	•	•
142525147	0-2500	0-100"		±90		•	•	•	•	•
142530147	0-3000	0-120"		±100		•	•	•	•	•
142540147	0-4000	0-160"		±110		•	•	•	•	•
142550147	0-5000	0-200"		±120		•	•	•	•	•

SwissMet interface

CONNECTION possibilities

MICRON SwissMet IP67 READOUT LINEAR SCALE

Item No	Range		Reso-lution	Accu-racy	Protection	Preset	ABS	mm/inch	Auto on/off	S_connect
	mm	inch	mm	µm						
142501146	0-150	0-6"	0,001	±10	IP67	•	•	•	•	•
142502146	0-200	0-8"		±12		•	•	•	•	•
142503146	0-300	0-12"		±15		•	•	•	•	•
142505146	0-500	0-20"		±20		•	•	•	•	•
142506146	0-600	0-24"		±20		•	•	•	•	•
142510146	0-1000	0-40"		±30		•	•	•	•	•
142515146	0-1500	0-60"		±40		•	•	•	•	•
142520146	0-2000	0-80"		±50		•	•	•	•	•

MICRON WIRELESS SwissMet IP67 READOUT LINEAR SCALE

Item No	Range		Reso-lution	Accu-racy	Protection	Preset	ABS	mm/inch	Auto on/off	WIRELESS
	mm	inch	mm	µm						
142501148	0-150	0-6"	0,001	±10	IP67	•	•	•	•	•
142502148	0-200	0-8"		±12		•	•	•	•	•
142503148	0-300	0-12"		±15		•	•	•	•	•
142505148	0-500	0-20"		±20		•	•	•	•	•
142506148	0-600	0-24"		±20		•	•	•	•	•
142510148	0-1000	0-40"		±30		•	•	•	•	•
142515148	0-1500	0-60"		±40		•	•	•	•	•
142520148	0-2000	0-80"		±50		•	•	•	•	•

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DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



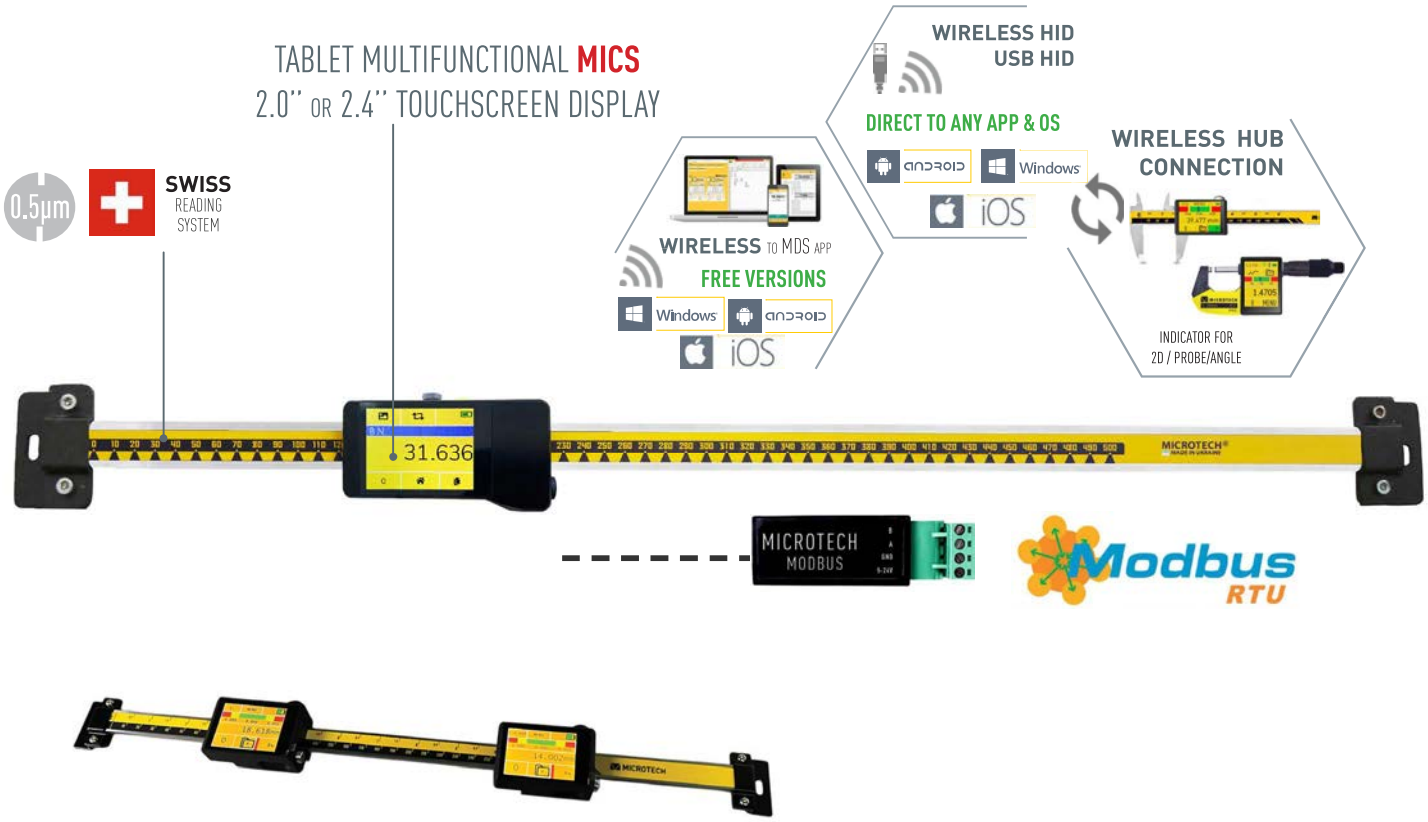
MDS DISPLAY UNIT



MDS SOFTWARE

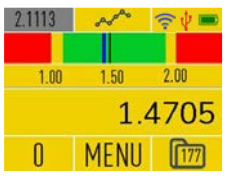


- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- Modification with **MICRON with SWISS made reading system** resolution **1 micron** (0,0005/0,001/0,01/0,1mm selection)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **RANGE up to 5000 mmm**
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- Modification with **MODBUS RTU** data output (RS-485, 4-wire, 5-24V, GND, A, B) for industrial connections
- **Calibration** certificate included (ISO17025 (Ilac MRA))



CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



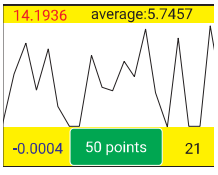
TIMER



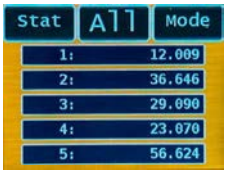
TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



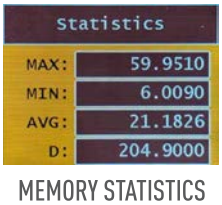
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



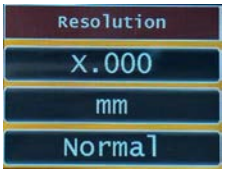
TEMPERATURE COMPENSATION



PASSWORD



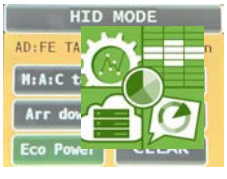
DISPLAY & ENERGY



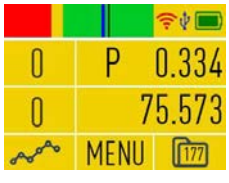
RESOLUTION, mm/inch



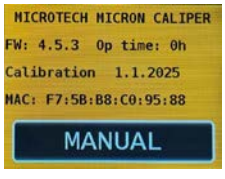
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

DataMet READOUT LINEAR SCALE

Item No	Range		Reso-lution	Accu-racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
142501140	0-150	0-6"	0,005	±10	IP54				•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
142502140	0-200	0-8"		±15					•	•	•	•	•	•	•	•	•			
142503140	0-300	0-12"		±20					•	•	•	•	•	•	•	•	•			
142505140	0-500	0-20"	0,01	±30		•	•	•	•	•	•	•	•	•	•	•	•			
142506140	0-600	0-24"		±30																
142510140	0-1000	0-40"		±40		•	•	•	•	•	•	•	•	•	•	•	•			
142515140	0-1500	0-60"		±50		•	•	•	•	•	•	•	•	•	•	•	•			
142520140	0-2000	0-80"		±60		•	•	•	•	•	•	•	•	•	•	•	•			
142525140	0-2500	0-100"		±70		•	•	•	•	•	•	•	•	•	•	•	•			
142530140	0-3000	0-120"		±80		•	•	•	•	•	•	•	•	•	•	•	•			
142540140	0-4000	0-160"		±100		•	•	•	•	•	•	•	•	•	•	•	•			
142550140	0-5000	0-200"		±110		•	•	•	•	•	•	•	•	•	•	•	•			

MICRON DataMet READOUT LINEAR SCALE

Item No	Range		Reso-lution	Accu-racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	mm	inch	mm	µm																
142501141	0-150	0-6"	0,0005	±8	IP54	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update
142502141	0-200	0-8"		±12		•	•	•	•	•	•	•	•	•	•	•	•			
142503141	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•	•	•	•			
142505141	0-500	0-20"		±20		•	•	•	•	•	•	•	•	•	•	•	•			
142506141	0-600	0-24"		±20																
142510141	0-1000	0-40"		±30		•	•	•	•	•	•	•	•	•	•	•	•			
142515141	0-1500	0-60"		±35		•	•	•	•	•	•	•	•	•	•	•	•			
142520141	0-2000	0-80"		±40		•	•	•	•	•	•	•	•	•	•	•	•			

DataMet interface

CONNECTION possibilities

MODBUS protocol

MODBUS MICRON DataMet READOUT LINEAR SCALE

Item No	Range		Reso-lution	Accu-racy	Protection	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB	MODBUS
	mm	inch	mm	µm																	
142501141M	0-150	0-6"	0,0005	±8	IP54	•	•	•	•	•	•	•	•	•	•	•	•	Folders / 2000 val	Long range / HID	USB HID / Update	•
142502141M	0-200	0-8"		±12		•	•	•	•	•	•	•	•	•	•	•	•				•
142503141M	0-300	0-12"		±15		•	•	•	•	•	•	•	•	•	•	•	•				•
142505141M	0-500	0-20"		±20		•	•	•	•	•	•	•	•	•	•	•	•				•
142506141M	0-600	0-24"		±20																	
142510141M	0-1000	0-40"		±30		•	•	•	•	•	•	•	•	•	•	•	•				•
142515141M	0-1500	0-60"		±35		•	•	•	•	•	•	•	•	•	•	•	•				•
14252014M1	0-2000	0-80"		±40		•	•	•	•	•	•	•	•	•	•	•	•				•

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CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE

OPTIONAL

DATAMET BUTTON

DATAMET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

BUILT-IN MULTIMODE **WIRELESS** DATA TRANSFER MODULE

WIRELESS HID
USB HID
DIRECT TO ANY APP & OS
android Windows iOS

WIRELESS TO MDS APP
FREE VERSIONS
Windows android iOS

1µm IP67 SWISS ELECTRONICS



10x

7'' MICROSCOPE WITH LED LIGHTING



CUSTOM RANGE AND CONFIGURATION FOR REQUEST

1µm IP67 SWISS ELECTRONICS

SwissMet IP67 FUNCTIONS

PrE PRESET

Unit mm/inch

I Hold HOLD

SLEEP (SIS) Auto ON/OFF

IP67 IP 67 (IEC60529)

SWISS ELECTRONICS Swiss electronics

MDS APP WIRELESS MDS app

HID WIRELESS HID

SwissMet IP67 READOUT LINEAR SCALE MAGNIFIER

- **SwissMet** Linear scale with IP67 Swiss electronics
- Waterproof IP67 Swiss electronics with 0,01 or 0.001mm resolution
- **Magnifier** 10x loupe with scale or **MICROSCOPE** with display (HD 7" display,12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- **RANGE up to 5000 mm**
- 3 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

SwissMet IP67 READOUT LINEAR SCALE MAGNIFIER

Item No	Range		Reso-lution	Accu-racy	Vision	Protection	Preset	Max/Min
	mm	inch	mm	µm				
142503150	0-300	0-12"	0,01	±20	10x magnifier	IP67	•	•
142505150	0-500	0-20"		±30			•	•
142506150	0-600	0-24"		±30			•	•
142510150	0-1000	0-40"		±40			•	•
142515150	0-1500	0-60"		±50			•	•
142520150	0-2000	0-80"		±70			•	•
142525150	0-2500	0-100"		±70			•	•
142530150	0-3000	0-120"		±80			•	•
142540150	0-4000	0-160"		±100			•	•
142550150	0-5000	0-200"		±110			•	•

SwissMet interface

CONNECTION possibilities

MICRON WIRELESS SwissMet IP67 READOUT LINEAR SCALE MAGNIFIER

Item No	Range		Reso-lution	Accu-racy	Vision	Protection	Preset	Max/Min	WIRELESS
	mm	inch	mm	µm					
142503151	0-300	0-12"	0,001	±15	10x magnifier	IP67	•	•	•
142505151	0-500	0-20"		±20			•	•	•
142506151	0-600	0-24"		±20			•	•	•
142510151	0-1000	0-40"		±30			•	•	•
142515151	0-1500	0-60"		±40			•	•	•
142520151	0-2000	0-80"		±50			•	•	•

VIDEO

MICRON WIRELESS SwissMet IP67 READOUT LINEAR SCALE MICROSCOPE

Item No	Range		Reso-lution	Accu-racy	Vision	Protection	Preset	Max/Min	WIRELESS
	mm	inch	mm	µm					
142503172	0-300	0-12"	0,001	±15	microscope 7"display 12Mp 50-1200x.	IP67	•	•	•
142505172	0-500	0-20"		±20			•	•	•
142505172	0-600	0-24"		±20			•	•	•
142510172	0-1000	0-40"		±30			•	•	•
142515172	0-1500	0-60"		±40			•	•	•
142520172	0-2000	0-80"		±50			•	•	•

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CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

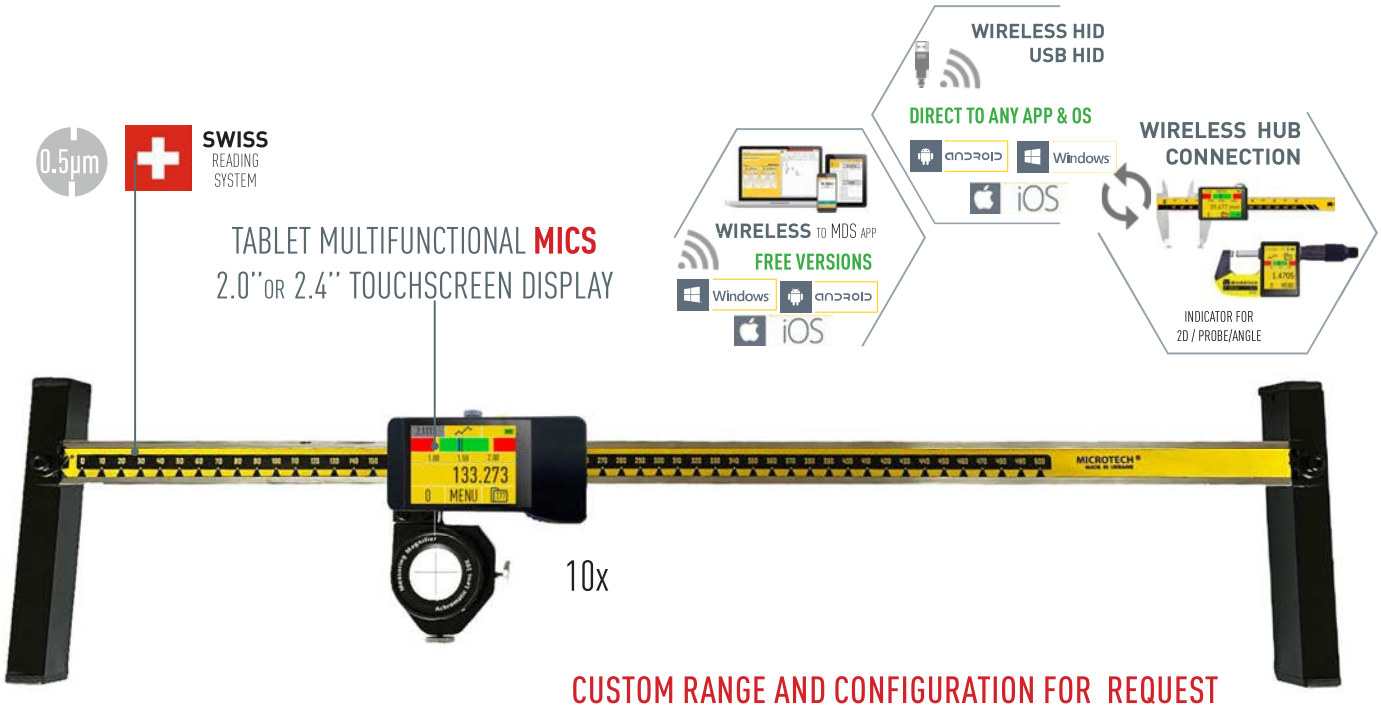


MDS SOFTWARE



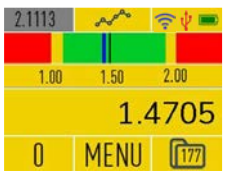
20x, 25x MAGNIFIER





CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



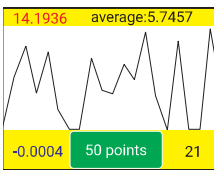
TIMER



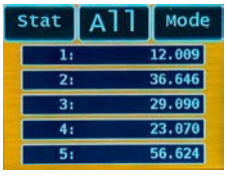
TOUCH PROBE SETTINGS



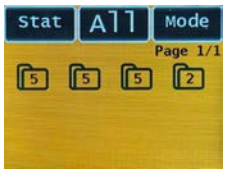
FORMULA Ax²+Bx+C



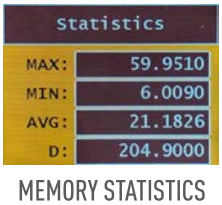
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



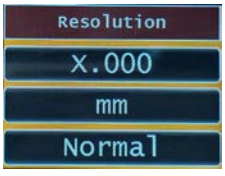
TEMPERATURE COMPENSATION



PASSWORD



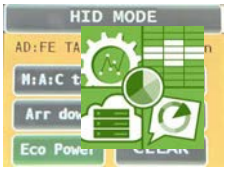
DISPLAY & ENERGY



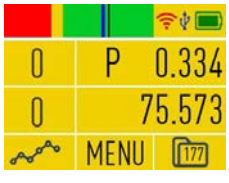
RESOLUTION, mm/inch



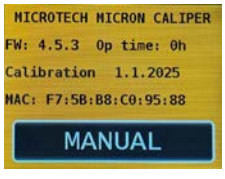
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

DataMet READOUT LINEAR SCALE MAGNIFIER

- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- SWISS made reading system resolution 0.5 micron (0,0005/0,001/0,01/0,1mm selection)
- **STANDARD** 0.01mm resoltuoin reading system for big ranges
- **Magnifier** 10x loupe with scale
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Accu-racy	Vision	Protection	2D connection	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID	MODBUS
	mm	inch	mm	µm																			
142503157	0-300	0-12"	0,0005	±12	10x magnifier	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	OPTION
142505157	0-500	0-20"		±15			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142506157	0-600	0-24"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142508157	0-800	0-32"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142510157	0-1000	0-40"		±25			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142515157	0-1500	0-60"		±30			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142520157	0-2000	0-80"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142525155	0-2500	0-100"	0,01	±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142530155	0-3000	0-120"		±60			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142540155	0-4000	0-160"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142550155	0-5000	0-200"		±100			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH

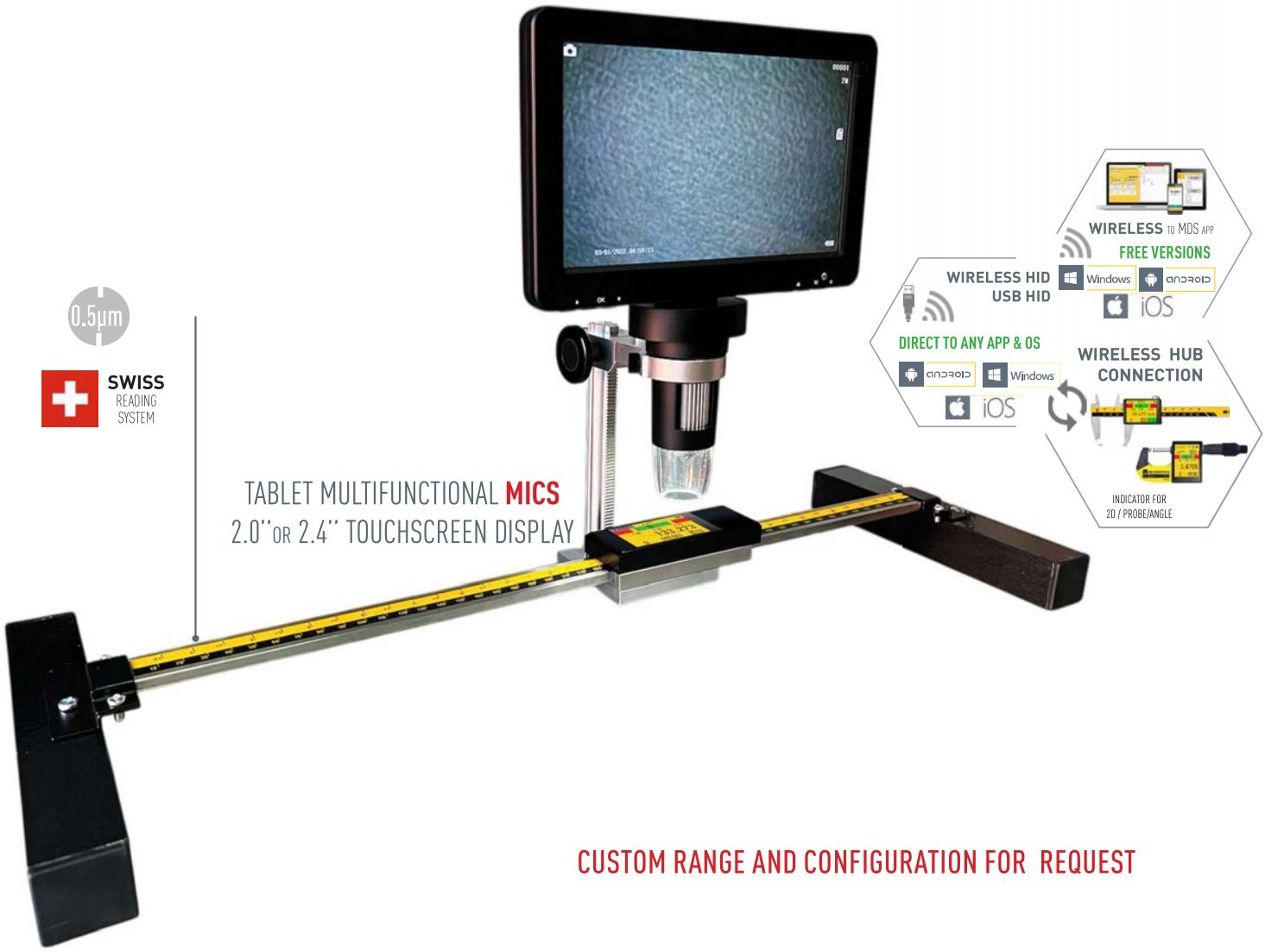


MDS DISPLAY UNIT



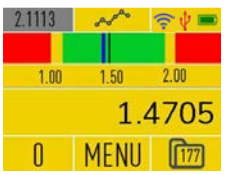
MDS SOFTWARE





CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



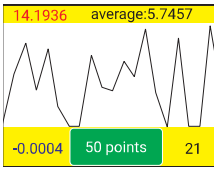
TIMER



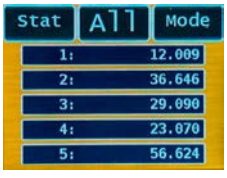
TOUCH PROBE SETTINGS



FORMULA Ax²+Bx+C



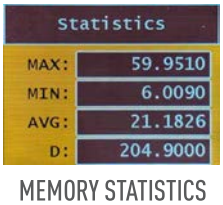
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



TEMPERATURE COMPENSATION



PASSWORD



DISPLAY & ENERGY



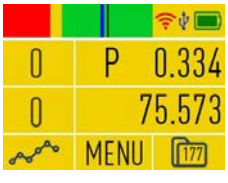
RESOLUTION, mm/inch



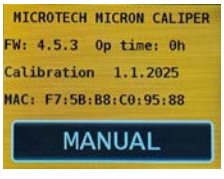
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

DataMet READOUT LINEAR SCALE MICROSCOPE

- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **MICRON with SWISS made reading system** resolution **0.5 micron** (0,0005/0,001/0,01/0,1mm selection)
- **STANDARD** 0.01mm resoltuoin reading system for big ranges
- **MICROSCOPE with display** (HD 7" display,12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **4 MODES DATA TRANSFER: WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**

Item No	Range		Reso-lution	Accu-racy	Vision	Protection	2D connection	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID	MODBUS
	mm	inch	mm	µm																			
142503177	0-300	0-12"	0,0005	±12	microscope 7"display 12Mp 50-1200x	IP54	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•	OPTION
142505177	0-500	0-20"		±15			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142506177	0-600	0-24"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142508177	0-800	0-32"		±20			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142510177	0-1000	0-40"		±25			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142515177	0-1500	0-60"		±30			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142520177	0-2000	0-80"		±40			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142525175	0-2500	0-100"	0,01	±50			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142530175	0-3000	0-120"		±60			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142540175	0-4000	0-160"		±80			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	
142550175	0-5000	0-200"		±100			•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT

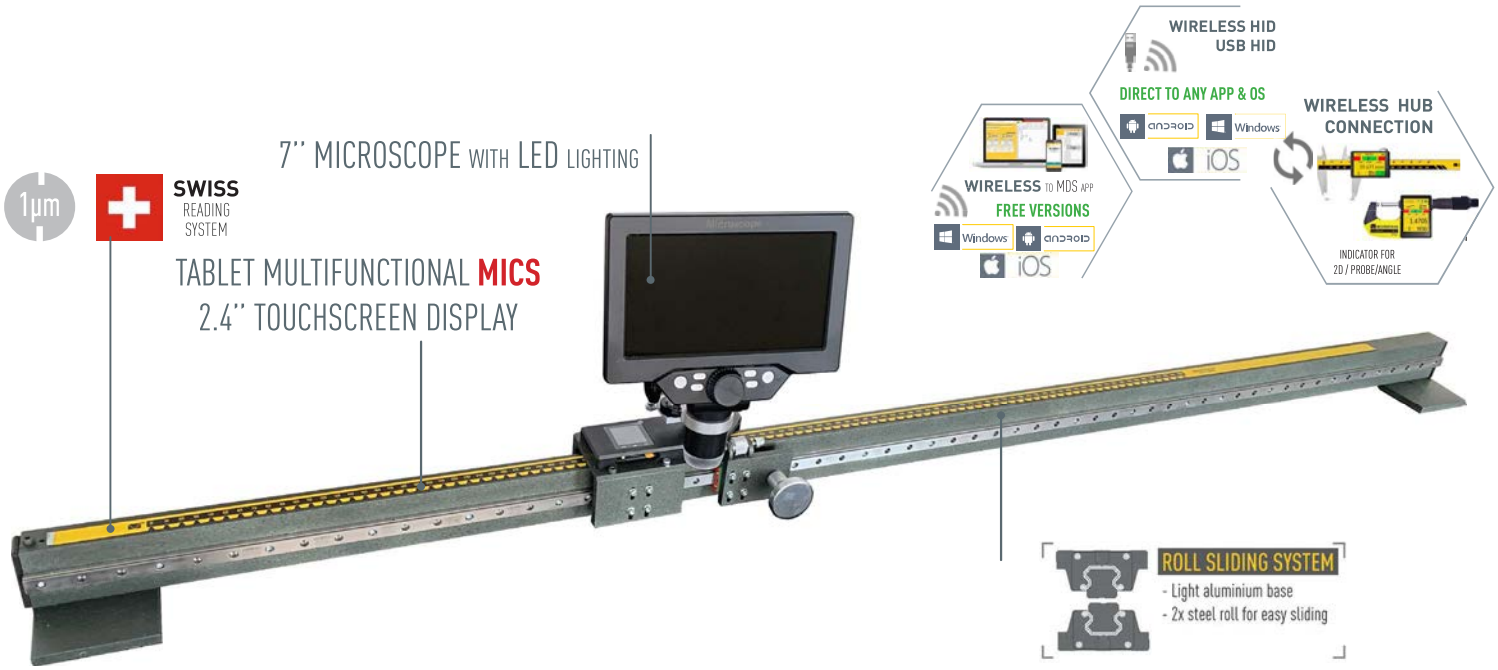


MDS SOFTWARE



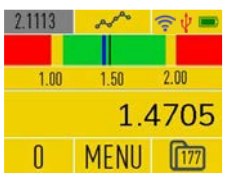
DataMet READOUT LINEAR SCALE MICROSCOPE

Banc de mesure linéaire de référence - avec microscope



CUSTOM RANGE AND CONFIGURATION FOR REQUEST

DataMet FUNCTIONS



ANALOG SCALE



COLOR GO / NOGO



COLOR MAX / MIN / RANGE



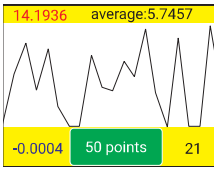
TIMER



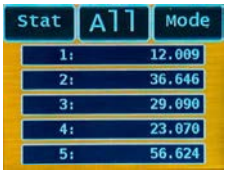
TOUCH PROBE SETTINGS



FORMULA Ax^2+Bx+C



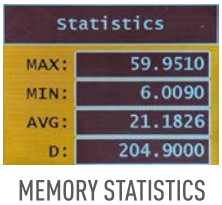
GRAPHIC MODE 1D/2D



MEMORY 2000 values



FOLDERS mode



MEMORY STATISTICS



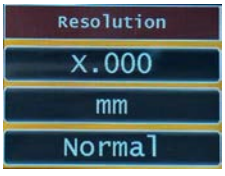
TEMPERATURE COMPENSATION



PASSWORD



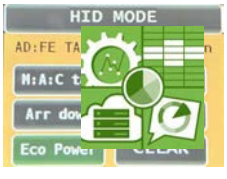
DISPLAY & ENERGY



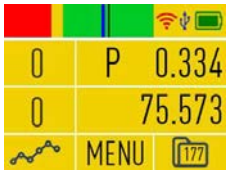
RESOLUTION, mm/inch



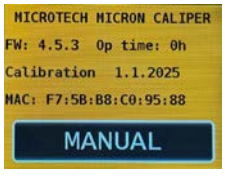
WIRELESS to MDS app



WIRELESS & USB HID



HUB mode (2D, Probe)



DEVICE INFO, UPDATE

DataMet READOUT LINEAR SCALE MICROSCOPE

- **Industry 4.0** adopted linear scale with computerized MICS system (Patents US10184772, UA174949, UA126928)
- **ROLL SLIDING SYSTEM**
- **MICROSCOPE with display** (HD 7" display,12Mp camera, 50-1200x adjustable, LED lighting, built in battery)
- **Functions:** Go/NoGo, Max/Min, Formula, Timer, Linear correction, Temperature correction, Resolution select, Connection indication
- **Memory manager:** 2000 values, Folders system, Statistics mode, Memory data transfer
- **RANGE up to 3500 mmm**
- 4 MODES DATA TRANSFER: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC, USB HID**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

Item No	Range		Reso-lution	Accu-racy	Vision	Roll system	Fine adjust	Measuring HUB	Graphic	Analog scale	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	Folders	WIRELESS	USB HID
	mm	inch	mm	µm																			
142505158	0-500	0-20"	0,0002	±10	microscope 7"display 12Mp 50-1200x	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2000 val	•	•	•
142506158	0-600	0-24"		±10		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142508158	0-800	0-32"		±12		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142510158	0-1000	0-40"		±15		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142511158	0-1150	0-46"		±16		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142515158	0-1500	0-60"		±20		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142520158	0-2000	0-80"		±25		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142525158	0-2500	0-100"		±30		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142530158	0-3000	0-120"		±35		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•
142535158	0-3500	0-140"		±40		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

DOWNLOAD MDS app ANDROID

DataMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP





CALIBRATION PROTOCOL

USB DATA/CHARGING CABLE



OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



- **SwissMet** digital Bore calipers for bore reading without removing the bar
- Digital Waterproof **IP67** Swiss electronics with 0.01 or 0.001mm resolution
- Modification with **3 MODES DATA TRANSFER**: **WIRELESS** to MDS app (Windows, Android, iOS, MacOS); **WIRELESS HID, WIRELESS HID+MAC**
- **Calibration** certificate included (ISO17025 (Ilac MRA))

IP67 SWISS ELECTRONICS 1µm





Item No	Range				Reso-lution	Accu-racy	Jaws		Protection	Preset	mm/inch	Auto on/off	WIRELESS
	Internal		External				Down	Depth					
	mm	inch	mm	inch	mm	µm	mm	mm					
141851123	22-300	0.9-12"	0-300	0-6"	0,01	±40	40	50	IP-67	•	•	•	
141851153	24-500	1-20"	0-500	0-20"		±50	100	60		•	•	•	
141851163	30-600	1.2-24"	0-600	0-24"		±60	100	100		•	•	•	
141851193	40-1000	1.6-40"	0-1000	0-40"		±90	150	150		•	•	•	
MICRON WIRELESS MICRON BORE CALIPER													
141851124	22-300	0.9-12"	0-300	0-6"	0,001	±30	40	50	IP-67	•	•	•	•
141851154	24-500	1-20"	0-500	0-20"		±40	100	60		•	•	•	•
141851164	30-600	1.2-24"	0-600	0-24"		±45	100	100		•	•	•	•
141851194	40-1000	1.6-40"	0-1000	0-40"		±70	150	150		•	•	•	•

DOWNLOAD MDS app WINDOWS — Windows

DOWNLOAD MDS app iOS, MacOS — macOS, iOS

DOWNLOAD MDS app ANDROID — android

SwissMet interface

CONNECTION possibilities

DELIVERY SET

FREE VERSIONS OF MDS APP



ilac-MRA CALIBRATION PROTOCOL

OPTIONAL

DATAMET BUTTON



DATAMET FOOTSWITCH



MDS DISPLAY UNIT



MDS SOFTWARE



DataMet MICRON BORE CALIPER

- Bore calipers for bore reading without removing the bar
- Computerized MICS indication system Modification with **Long range** Wireless, Wireless HID or USB HID data transfer to Windows, Android, iOS, macOS, Linux systems direct to any app.
- **Calibration** certificate included (ISO17025 (Ilac MRA))



Item No	Range				Reso-lution	Accu-racy	Jaws		Measuring HUB	Analog scale	Graphic	Preset	Go/NoGo	Max/Min	Formula	Timer	Temp comp	Linear corr	Calibr date	Recharge	Memory	WIRELESS	USB
	Internal		External				Down	Depth															
	mm	inch	mm	inch	mm	µm	mm	mm															
141851128	22-300	0.9-12"	0-300	0-6"	0,0005	±25	40	50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141851158	24-500	1-20"	0-500	0-20"		±35	60	60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
141851168	30-600	1.2-24"	0-600	0-24"		±40	90	100	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

DataMet interface

CONNECTION possibilities

DOWNLOAD MDS app WINDOWS

DOWNLOAD MDS app iOS, MacOS

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