



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

MODIFICATION WITH BUILT-IN MULTIMODE
WIRELESS DATA TRANSFER MODULE



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	



EXTERNAL CERAMIC TIPPED JAWS

MICRON SWISSMET IP67 BI-FORCE CALIPER

- Bi-Force control module with 8N external and 4N internal FORCE (Patents US10429165, UA146381)
- Waterproof IP67 Swiss electronics with 0.001mm resolution
- High accuracy up to $\pm 5\mu\text{m}$ on external jaws (internal and depth according ISO13385)
- MODIFICATION with External ceramic tipped jaws non-magnetic, non-conductive and wear-resistant
- 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))

MICRON SWISSMET IP67 BI-FORCE CALIPER

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

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									
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 SWISSMET IP67 BI-FORCE CALIPER

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



SwissMet interface



CONNECTION possibilities

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									
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		•	•	•	•



DOWNLOAD MDS app WINDOWS



DOWNLOAD MDS app iOS, MacOS



DOWNLOAD MDS app ANDROID



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

DELIVERY SET

FREE VERSIONS OF MDS APP

CALIBRATION PROTOCOL

OPTIONAL

DATA MET BUTTON

DATA MET FOOTSWITCH

MDS DISPLAY UNIT

MDS SOFTWARE

STANDARD MDS app