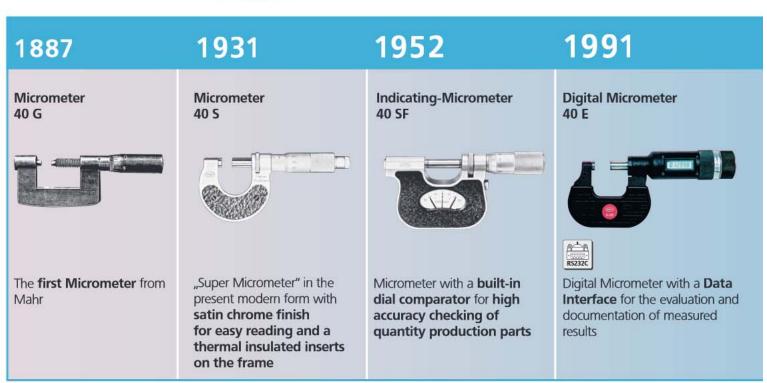
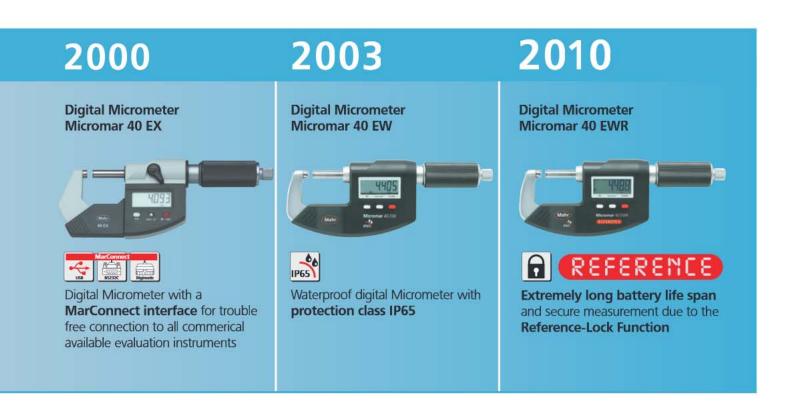
Micromar. A new generation with the Reference-System **WATERPROOF MICROMETERS**

▶ I With this new generation of reference micrometers, Mahr once again sets a new standard in the micrometer product segment. The new Reference system from Mahr is extremely energy efficient, when the micrometer is in standby mode almost no power is required; thus doubling the life span of the battery compared to a conventional digital micrometer. Due to the new Reference system from Mahr the handling of the digital micrometer has become considerably simpler and more far comfortable, as the zero position is secured, thus avoiding operating error. The Micromar Micrometer 40 EWR with the protection class IP65, offering excellent resistance against dust, coolants and lubricants and is ideal to be used in the most difficult workshop conditions. Furthermore, if you need to document your measured data, the MarConnect interface offers you the optimal connection to your evaluation system. I ◀





The battery life span twice as long The new Reference-System is very energy efficient, as in the standby mode, very little power is required, thus doubling the life span of the battery up to 2 ½ years. REFERENCE - System Conventional 1 Year 2 Years 3 Years



Mahr

Micromar. The Digital Micrometer Micromar 40 EWR WATERPROOF MICROMETERS

Security due to the Reference-Lock function

- · Zero-position is secured
- · Operating error is not possible

The digital micrometer Micromar 40 EWR Reference is equipped with a LOCK function. With this key lock the zero position is secured and operating error is avoided.



Large display

The high-contrast display with 8.5 mm high digits enables accurate, fatigue-free reading of the measurement results.



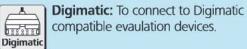


The only one with a universal MarConnect interface

Regardless of which evaluation device you are using, with a MarConnect interface you always have the optimal connection.



USB ready: for immediate connection to a PC, notebook. In conjunction with the MarCom software you can transfer your measured values directly into MS Excel or with keyboard code into any application.





Mahr Opto RS232: To connect to the COM interface on a PC.



Ergonomic Design

The ergonomically formed and thermally insulated handle as well as the integrated ratchet in the thimble ensures both trouble free handling and accurate measurement results.



Excellent resistance against dust, coolants and lubricants



Due to the outstanding protection against dust and water the digital micrometer Mircomar 40 EWR Reference delivers precise and secure results even in the most difficult workshop conditions. The finished plastic components have an outstanding chemical resistance.



Code Initials	IP	International Protection	
First digit	6	Dust-tight	
Second digit	5	Protected against powerful water jets	

Digital Micrometer Micromar 40 EWR









REFERENCE





Features

Functions:

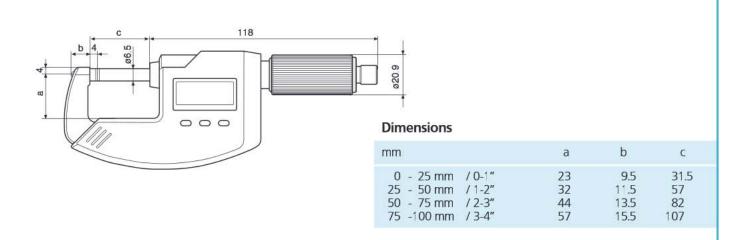
for Relative measurement)
ABS (Switch between Relative
and Absolute measurement)
mm/inch
Reference-Lock/Unlock
PRESET (Reference setting)
DATA (Data transmission via
connection cable)

RESET (Zero setting the display

- Immediate measurement due to the Reference system
- MarConnect data output, choose alternatively USB OPTO RS232C Digirnatic
- High contrast Liquid Crystal Display with 8.5 mm high digits
- Hard lacquered steel frame, heat insulated
- Spindle and anvil are carbide tipped
- Spindle is made of stainless steel, hardened throughout and ground
- Ratchet is integrated in the thimble
- Rapid drive
- Supplied with: Case, battery, operating instructions and setting standard (from measuring range 25-50 mm)

Technical Data

	Measuring mm	range (inch)	Resolution mm / inch	Error limit G μm	Spindle thread pitch mm	Data output	Order no.
40 EWR	0 - 25	(0 - 1")	0.001 /.00005"	4	0.635	=	4151721
40 EWR	0 - 25	(0 - 1")	0.001 /.00005"	4	0.635	•	4151705
40 EWR	25 - 50	(1 - 2")	0.001 /.00005"	4	0.635	•	4151706
40 EWR	50 - 75	(2 - 3")	0.001 /.00005"	5	0.635	•	4151707
40 EWR	75 - 100	(3 - 4")	0.001 /.00005"	5	0.635	•	4151708



Accessories		
		Order no.
Battery 3V, Type CR 2032 Data Connection Cable USB (2 m) Data Connection Cable Opto RS232C	16 EXu	4102520 4102357
(2 m), with SUB-D jack 9-pin	16 EXr	4102410
Data Connection Cable Digimatic (2 m), Flat plug 10-pin	16 EXd	4102411

Accessories for Data Processing see Dimensional Metrology catalog, Chapter 11

Digital Micrometer Set Micromar 40 EWR

Application range	Order no.	Remarks		
0 - 100 mm	4151709	Includes: custom fitted plastic case, setting standards 25 mm, 50 mm and 75 mm		

