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Micromar. Digital Micrometer Micromar 40 EWR


WATERPROOF MICROMETERS

► | The digital waterproof Micrometer **Micromar** 40 EWR. Even in the most difficult conditions precise and reliable results are obtained. | ◀

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

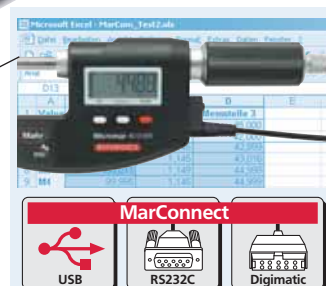
Absolute-Function:
Micrometer can be set in any position to 0.000 mm / .0000" without the reference to the Preset value being lost

ABS

 The **Reference-Lock-Function** prevents operating error caused by accidental usage of the operating buttons.

Stainless steel, hardened spindle

Sturdy hard lacquered steel frame

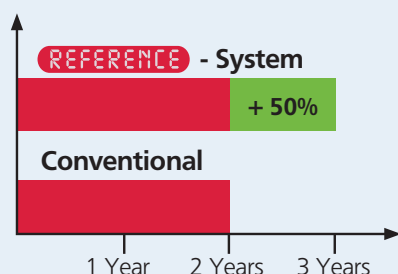


Universal SPC-interface (optional). You have a choice of **MarConnect** data outputs, select either **USB**, **Digimatic** or **Mahr Opto RS232**

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.



The new Reference system is extremely energy efficient as when the caliper is in standby mode; almost no power is required, thus **extending the life of the battery to up to 50%.**



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



Protection class **IP65** in accordance to IEC 60529, the water proof measuring system **FPS** (Fluid Protected measuring System) with a sealed housing.

Digital Micrometer Micromar 40 EWR



DIN
863-1



ABS



Features

Functions:

RESET (Zero setting the display for Relative measurement)
ABS (Switch between Relative and Absolute measurement)
mm/inch
Reference-Lock/Unlock
PRESET (Reference setting)

DATA (Data transmission via connection cable)

- Immediate measurement due to the Reference system
- MarConnect data output, choose alternatively USB
OPTO RS232C
Digimatic

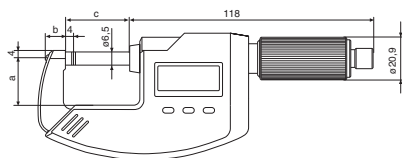
- High contrast Liquid Crystal Display with 8.5 mm high digits
- Hard lacquered steel frame, heat insulated
- Spindle and anvil are carbide tipped
- Spindle is made of stainless steel, hardened throughout and ground

- 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 range		Resolution	Error limit G	Spindle thread pitch	Data output	Order no.
	mm	(inch)	mm / inch	μm	mm		
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

Dimensions



mm	a	b	c
0 - 25 mm / 0-1"	23	9.5	31.5
25 - 50 mm / 1-2"	32	11.5	57
50 - 75 mm / 2-3"	44	13.5	82
75 - 100 mm / 3-4"	57	15.5	107

Accessories

	Order no.
Battery 3V , type CR 2032	4102520
Data Connection Cable USB (2 m)	16 EXu 4102357
Data Connection Cable Opto RS232C (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 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
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