

# Micromar 40 EWR-V

Digital micrometer



REFERENCE

## FUNCTIONS

- RESET (set display to zero)
- ABS (display can be set to zero without losing reference to ORIGIN)
- mm/inch
- ORIGIN (for entering a numerical value)
- LOCK function (key lock)
- TOL (Tolerance and warning limits)
- HOLD (storage of measured values)
- DATA (data transmission)
- Bi-directional data interface (external input option of characteristic values and setting of individual lock functions by software MarCom)



### Application:

For measuring thread flanks and gear diameters using quick-change measuring anvils.



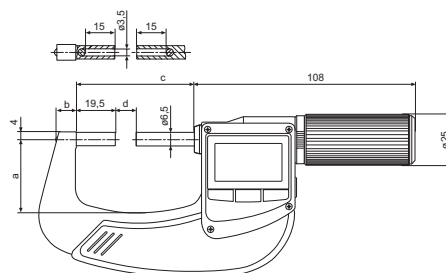
## FEATURES

- With mounting bores for measuring anvils with a shaft  $\varnothing 3.5$  mm
- High contrast analog display
- Stainless spindle is hardened throughout and ground
- QUICK DRIVE
- Sliding spindle
- Ratchet is integrated in the thimble
- Lacquered steel frame, heat insulated
- **Software:** MarCom Professional free download: [www.mahr.com/marcom](http://www.mahr.com/marcom) (only for Mahr data cables and wireless systems with USB and RS232 interface)
- **Digit height:** 10 mm
- **Data interface:** MarConnect (bidirectional), USB, Digimatic
- **Energy supply:** Battery life approx. 2 years
- **IP protection category:** IP 65
- **Package contains:** instruction manual, battery, setting standard (measuring range of 25–50 mm), case

## TECHNICAL DATA

Order no.	Type	Measuring range	Resolution	Error limit	Spindle thread pitch	Measuring force	Standard
		mm	mm/inch	$\mu\text{m}$	mm	N	
4157045	40 EWR-V	0 – 25	0,001 / .00005"	4	5	5 – 10	DIN 863–3
4157046	40 EWR-V	25 – 50	0,001 / .00005"	4	5	5 – 10	DIN 863–3
4157047	40 EWR-V	50 – 75	0,001 / .00005"	6	5	5 – 10	DIN 863–3
4157048	40 EWR-V	75 – 100	0,001 / .00005"	6	5	5 – 10	DIN 863–3

Order no.	a	b	c	Mounting hole
	mm	mm	mm	
4157045	32	11,5	57	For measuring anvils with a shaft diameter 3.5 x 15.5 mm
4157046	44	13,5	82	For measuring anvils with a shaft diameter 3.5 x 15.5 mm
4157047	57	15,5	107	For measuring anvils with a shaft diameter 3.5 x 15.5 mm
4157048	73	17	132,5	For measuring anvils with a shaft diameter 3.5 x 15.5 mm



## ACCESSORIES

Order no.	Description	Type
4102520	Battery 3 V, CR 2032	
4102603	Data cable USB bi-directional (2 m)	DK-U1
4102606	Digimatic data cable (2 m)	DK-D1
4158000	Stand, for holding outside micrometers	41 H
4173210	Anvil flat, hardened steel	40 Za
4175000	Setting gage (25 mm) metric / UST 60°	43 Z
4175001	Setting gage (50 mm) metric / UST 60°	43 Z
4175002	Setting gage (75 mm) metric / UST 60°	43 Z
4175100	Setting gage (25 mm) Whitworth 55°	43 Z
4175101	Setting gage (50 mm) Whitworth 55°	43 Z
4175102	Setting gage (75 mm) Whitworth 55°	43 Z
4511190	Anvil flat, carbide tipped	40 Za



41 H