

Micromar 40 EWR-V

Digital micrometer



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 Input)
- HOLD (storage of measured values)
- DATA (data transmission)
- Bidirectional data interface (external output and input option of characteristic values as well as setting of individual lock functions by MarCom Software)



Application:

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



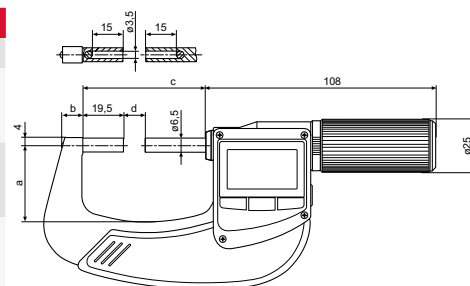
FEATURES

- With mounting bores for measuring anvils with a shaft \varnothing 3.5 mm
- High contrast digital 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 (only for Mahr data cables and wireless systems with USB and RS-232 interface)
- **Digit height:** 10 mm
- **Data interface:** MarConnect (bidirectional), USB, Digimatic
- **Energy supply:** Battery life approx. 2 years
- **Battery type:** CR 2032 (3V Lithium)
- **IP protection category:** IP 65
- **Package contains:** instruction manual, battery, case

TECHNICAL DATA

Order no.	Type	Measuring range	Measuring range	Resolution	Error limit	Spindle thread pitch	Measuring force	Standard	Model contact surface
		mm	inch	mm/inch	μm	mm	N		
4157045	40 EWR-V	0–25	0–1"	0.001 / .00005"	4	5	5–10	DIN 863–3	3.5 mm bore
4157046	40 EWR-V	25–50	1–2"	0.001 / .00005"	4	5	5–10	DIN 863–3	3.5 mm bore
4157047	40 EWR-V	50–75	2–3"	0.001 / .00005"	5	5	5–10	DIN 863–3	3.5 mm bore
4157048	40 EWR-V	75–100	3–4"	0.001 / .00005"	5	5	5–10	DIN 863–3	3.5 mm bore

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
4102603	Data cable USB bidirectional (2 m)	DK-U1
4102606	Interface adapter with data cable Digimatic (2 m)	DK-D1
4158000	Stand for holding outside micrometers	41 H
4173210	Anvil flat, hardened steel, \varnothing 7.5 mm	40 Za
4511190	Anvil flat, carbide tipped, \varnothing 7.5 mm	40 Za



41 H