

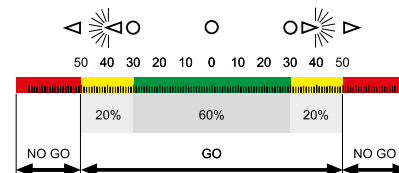
Micromar 40 EWR

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 via connection cable)
- Bidirectional data interface (external output and input option of characteristic values as well as setting of individual lock functions by MarCom Software)



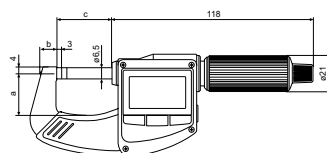
FEATURES

- High contrast digital display
- Stainless spindle is hardened throughout and ground
- Spindle and anvil are carbide-tipped
- Rapid drive
- 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, setting standard (measuring range of 25–50 mm), case

TECHNICAL DATA

Order no.	Type	Measuring range	Measuring range	Measuring surface	Resolution	Error limit	Parallelism deviation	Flatness deviation
		mm	inch		mm/inch	µm	µm	µm
4157000	40 EWR	0 – 25	0 – 1"	carbide	0.001 / .00005"	2	2	0.6
4157001	40 EWR	25 – 50	1 – 2"	carbide	0.001 / .00005"	2	2	0.6
4157002	40 EWR	50 – 75	2 – 3"	carbide	0.001 / .00005"	3	3	0.6
4157003	40 EWR	75 – 100	3 – 4"	carbide	0.001 / .00005"	3	3	0.6
4157004	40 EWR	100 – 125	4 – 5"	carbide	0.001 / .00005"	6	3	0.6
4157005	40 EWR	125 – 150	5 – 6"	carbide	0.001 / .00005"	6	3	0.6
4157006	40 EWR	150 – 175	6 – 7"	carbide	0.001 / .00005"	7	4	0.6
4157007	40 EWR	175 – 200	7 – 8"	carbide	0.001 / .00005"	7	4	0.6
4157015	40 EWR	0 – 100	0 – 4"	carbide	0.001 / .00005"			

Order no.	Spindle thread pitch	Measuring force	Standard	Number of micrometers	Model contact surface	a	b	c
	mm	N				mm	mm	mm
4157000	0.5	5 – 10	Factory standard		flat	24	9.5	32
4157001	0.5	5 – 10	Factory standard		flat	36	11	57
4157002	0.5	5 – 10	Factory standard		flat	45	13	82
4157003	0.5	5 – 10	Factory standard		flat	57	13	107
4157004	0.5	5 – 10	DIN 863–1		flat	73	13	132
4157005	0.5	5 – 10	DIN 863–1		flat	82	13	157
4157006	0.5	5 – 10	DIN 863–1		flat	95	13	182
4157007	0.5	5 – 10	DIN 863–1		flat	106	13	207
4157015	0.5	5 – 10	Factory standard	4	flat			



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



41 H