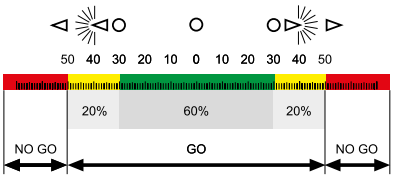
Micromar 40 EWRi

Digital outside micrometers

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)







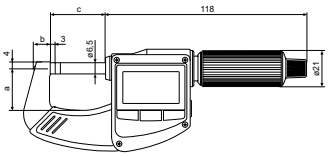
FEATURES

- 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:** Integrated Wireless
- **Energy supply:** Battery life approx. 3 years (approx. 0.5 in wireless mode)
- **Battery type:** CR 2032 (3V Lithium)
- **IP protection category:** IP 65
- **Package contains:** instruction manual, battery, setting values, 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
4157100	40 EWRi	0 –25	0 –1″	carbide	0.001 / .00005″	2	2	0.6
4157101	40 EWRi	25 –50	1 –2″	carbide	0.001 / .00005″	2	2	0.6
4157102	40 EWRi	50 –75	2 –3″	carbide	0.001 / .00005″	3	3	0.6
4157103	40 EWRi	75 –100	3 –4″	carbide	0.001 / .00005″	3	3	0.6
4157104	40 EWRi	100 –125	4 –5″	carbide	0.001 / .00005″	6	3	0.6
4157105	40 EWRi	125 –150	5 –6″	carbide	0.001 / .00005″	6	3	0.6
4157106	40 EWRi	150 –175	6 –7″	carbide	0.001 / .00005″	7	4	0.6
4157107	40 EWRi	175 –200	7 –8″	carbide	0.001 / .00005″	7	4	0.6
4157115	40 EWRi	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
4157100	0.5	5 –10	Factory standard		flat	24	9.5	32
4157101	0.5	5 –10	Factory standard		flat	36	11	57
4157102	0.5	5 –10	Factory standard		flat	45	13	82
4157103	0.5	5 –10	Factory standard		flat	57	13	107
4157104	0.5	5 –10	DIN 863–1		flat	73	13	132
4157105	0.5	5 –10	DIN 863–1		flat	82	13	157
4157106	0.5	5 –10	DIN 863–1		flat	95	13	182
4157107	0.5	5 –10	DIN 863–1		flat	106	13	207
4157115	0.5	5 –10	Factory standard	4	flat			



ACCESSORIES

Order no.	Description	Type
4102220	Receiver for instruments with Integrated Wireless	i-Stick
4102520	Battery 3 V, CR 2032	
4158000	Stand for holding outside micrometers	41 H



41 H



i-Stick