

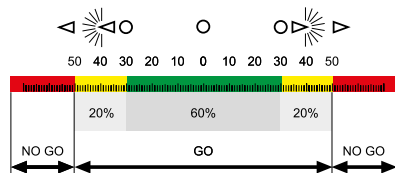
# Micromar 40 EWRI

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)



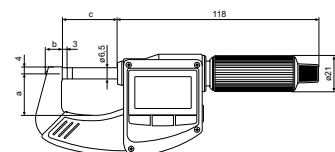
## FEATURES

- 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](http://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 surface	Resolution	Error limit	Parallelism deviation	Flatness deviation
		mm	inch					
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	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