Micromar 40 EWRi

Digital Micrometer Set

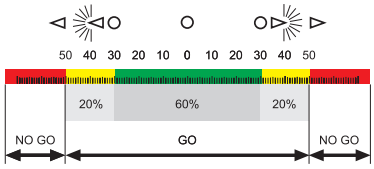
FUNCTIONS

- 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)

FEATURES

- High contrast analog 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 RS232 interface)
- **Digit height:** 10 mm
- **Data interface:** Integrated wireless
- **Energy supply:** Battery life approx. 3 years (approx. 0.5 in Wireless mode)
- **IP protection category:** IP 65
- **Package contains:** instruction manual, battery, setting values, case

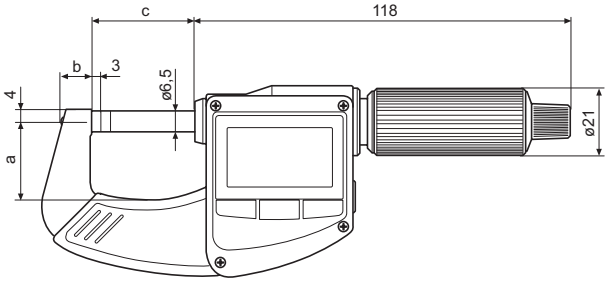
40 EWRi



TECHNICAL DATA

Order no.	Product type	Measuring range		Resolution	Error limit	Parallelism deviation	Flatness deviation	Spindle thread pitch	Measuring force	Standard	Number of micrometers
		mm	inch	mm/inch	µm	µm	µm	mm	N		
4157100	40 EWRi	0 –25	0 –1″	0.001 / .00005″	2	2	0.6	0.5	5 –10	Factory standard	
4157101	40 EWRi	25 –50	1 –2″	0.001 / .00005″	2	2	0.6	0.5	5 –10	Factory standard	
4157102	40 EWRi	50 –75	2 –3″	0.001 / .00005″	3	3	0.6	0.5	5 –10	Factory standard	
4157103	40 EWRi	75 –100	3 –4″	0.001 / .00005″	3	3	0.6	0.5	5 –10	Factory standard	
4157104	40 EWRi	100 –125	4 –5″	0.001 / .00005″	6	3	0.6	0.5	5 –10	DIN 863–1	
4157105	40 EWRi	125 –150	5 –6″	0.001 / .00005″	6	3	0.6	0.5	5 –10	DIN 863–1	
4157106	40 EWRi	150 –175	6 –7″	0.001 / .00005″	7	4	0.6	0.5	5 –10	DIN 863–1	
4157107	40 EWRi	175 –200	7 –8″	0.001 / .00005″	7	4	0.6	0.5	5 –10	DIN 863–1	
4157115	40 EWRi	0 –100	0 –4″	0.001 / .00005″				0.5	5 –10	Factory standard	4

Order no.	a	b	c
	mm	mm	mm
4157115			
4157100	24	9.5	32
4157101	36	11	57
4157102	45	13	82
4157103	57	13	107
4157104	73	13	132
4157105	82	13	157
4157106	95	13	182
4157107	106	13	207



ACCESSORIES

41 H

i-Stick

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