Micromar 40 EWRi-L

Digital Micrometer

FUNCTIONS

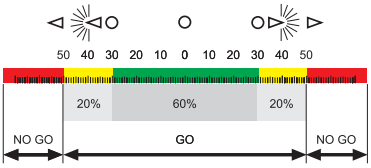
- RESET (set display to zero)
- ABS (display can be set to zero without losing reference to ORIGIN)
- mm/inch
- ORIGIN (for entering a numerical value)
- LOCK function (key lock)
- TOL (tolerance and warning limits)
- HOLD (storage of measured values)
- DATA (data transmission via connection cable)
- 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
- 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 RS232 interface)
- **Digit height:** 10 mm
- **Data interface:** Integrated wireless
- **Energy supply:** Battery life approx. 2 years (approx. 0.5 in wireless mode)
- **IP protection category:** IP 65
- **Package contains:** instruction manual, battery, setting standard (measuring range of 25–50 mm), case

Application:

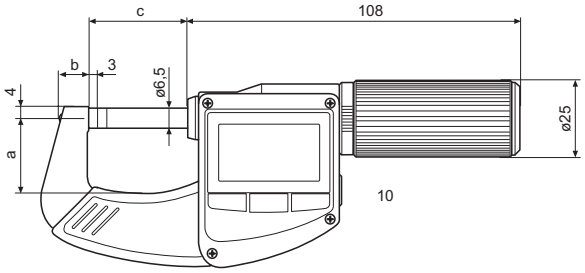
- Avoiding workpiece damage: The non-rotating spindle has a touching contact, which prevents scratch marks on sensitive and finely machined surfaces
- Ideal for measuring thin metal foils without twisting and bending them
- Thread flank measurement by using thread wires: Both wire holders always remain in the engaged position with the non-rotating spindle



TECHNICAL DATA

Order no.	Product type	Measuring range		Resolution	Error limit	Parallelism deviation	Flatness deviation	Spindle thread pitch	Measuring force	Standard
		mm	inch	mm/inch	µm	µm	µm	mm	N	
4157120	40 EWRi-L	0 –25	0 –1"	0.001 / .00005"	2	2	0.6	5	5 –10	Factory standard
4157121	40 EWRi-L	25 –50	1 –2"	0.001 / .00005"	2	2	0.6	5	5 –10	Factory standard
4157122	40 EWRi-L	50 –75	2 –3"	0.001 / .00005"	3	3	0.6	5	5 –10	Factory standard
4157123	40 EWRi-L	75 –100	3 –4"	0.001 / .00005"	3	3	0.6	5	5 –10	Factory standard

Order no.	a	b	c
	mm	mm	mm
4157120	24	9.5	32
4157121	36	11	57
4157122	45	13	82
4157123	57	13	107



ACCESSORIES

Order no.	Product name	Product 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