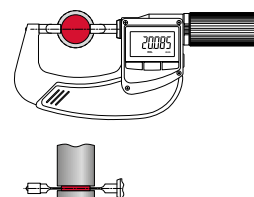# Micromar 40 EWRi-S

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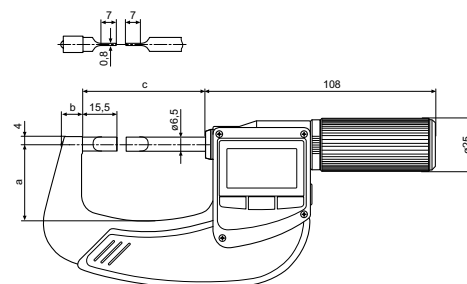
FEATURES

- With blade-type measuring surfaces
- High contrast digital display
- Stainless spindle is hardened throughout and ground
- 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 RS–232 interface)
- **Digit height:** 10 mm
- **Data interface:** Integrated Wireless
- **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

Application:
- For measuring recesses, grooves, etc.

TECHNICAL DATA

Order no.	Type	Measuring range	Measuring range	Measuring surface	Resolution	Error limit	Spindle thread pitch	Measuring force	Standard	Model contact surface
		mm	inch		mm/inch	μm	mm	N		
4157141	40 EWRi-S	0–25	0–1"	hardened steel	0.001 / .00005"	4	5	5–10	DIN 863–3	Blade
4157142	40 EWRi-S	25–50	1–2"	hardened steel	0.001 / .00005"	4	5	5–10	DIN 863–3	Blade
4157143	40 EWRi-S	50–75	2–3"	hardened steel	0.001 / .00005"	5	5	5–10	DIN 863–3	Blade
4157144	40 EWRi-S	75–100	3–4"	hardened steel	0.001 / .00005"	5	5	5–10	DIN 863–3	Blade

Order no.	a	b	c
	mm	mm	mm
4157141	32	11.5	57
4157142	44	13.5	82
4157143	57	15.5	107
4157144	73	17	132.5

ACCESSORIES

Order no.	Description	Type
4102220	Receiver for instruments with Integrated Wireless	i-Stick
4158000	Stand for holding outside micrometers	41 H

41 H   i-Stick