

# Micromar 40 EWRI. Digital Micrometer

## Functions

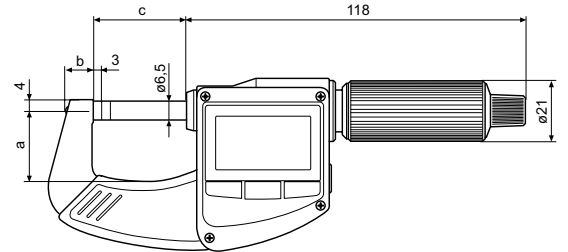
- RESET (set display to zero)
- ABS (display can be set to zero without losing reference to ORIGIN)
- mm/inch
- ORIGIN (for entering a numerical value)
- LOCK function (key lock)
- TOL (Tolerance and warning limits)
- DATA (Data transmission)
- HOLD (storage of measured values)
- High contrast analog display
- Spindle is hardened throughout and ground, stainless
- 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 RS232 interface)
- **Digit height:** 10 mm
- **Data interface:** Integrated wireless
- **IP protection category:** IP 65
- **Scope of delivery:** Instruction manual, Battery, Setting standard (from measuring range 25–50 mm), Case



## Technical Data

Order no.	Product type	Measuring range		Resolution		Error limit		Spindle thread pitch		Measuring force	
		mm	mm/inch	mm	mm/inch	μm	mm	N			
4157100	40 EWRI	0 – 25	0,001 / .00005"	2	0,5	5 – 10					
4157101	40 EWRI	25 – 50	0,001 / .00005"	2	0,5	5 – 10					
4157102	40 EWRI	50 – 75	0,001 / .00005"	3	0,5	5 – 10					
4157103	40 EWRI	75 – 100	0,001 / .00005"	3	0,5	5 – 10					

Order no.	a	b	c
	mm	mm	mm
4157100	24	9,5	32
4157101	36	11	57
4157102	45	13	82
4157103	57	13	107



## Accessories

Order no.	Product name	Product type
4102220	Receiver incl. Software MarCom Std.	i-Stick
4102520	Battery 3 V, CR 2032	
4158000	Stand, for holding outside micrometers	41 H



i-Stick



41 H

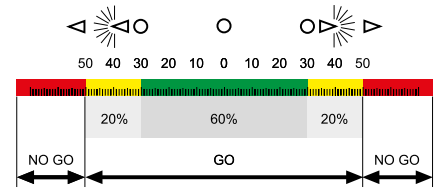
# Micromar 40 EWri. Digital micrometer set

## 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)
- DATA (Data transmission)
- HOLD (storage of measured values)
- High contrast analog display
- Spindle is hardened throughout and ground, stainless
- 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 RS232 interface)
- **Digit height:** 10 mm
- **Data interface:** Integrated wireless
- **IP protection category:** IP 65
- **Scope of delivery:** Instruction manual, Battery, Setting values, Case

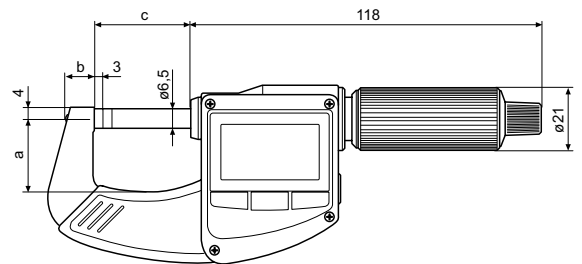


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## Technical Data

Order no.	Product type	Measuring range	Resolution	Spindle thread pitch	Measuring force	Number of Micrometers
4157115	40 EWri	0 – 100	mm/inch 0,001 / .00005"	mm 0,5	N 5 – 10	4



## Accessories

Order no.	Product name	Product type
4102220	Receiver incl. Software MarCom Std.	i-Stick
4102520	Battery 3 V, CR 2032	
4158000	Stand, for holding outside micrometers	41 H



i-Stick



41 H

# Micromar 40 EWR. Digital Micrometer

## Functions

- RESET (set display to zero)
- ABS (display can be set to zero without losing reference to preset)
- mm/inch
- PRESET (for entering a numerical value)
- LOCK function (key lock)
- HOLD (storage of measured values)
- High contrast analog display
- Spindle is hardened throughout and ground, stainless
- Spindle and anvil are carbide tipped
- Rapid drive
- Ratchet is integrated in the thimble
- Lacquered steel frame, heat insulated
- **Digit height:** 10 mm
- **IP protection category:** IP 65
- **Scope of delivery:** Instruction manual, Battery, Setting standard (from measuring range 25–50 mm), Case



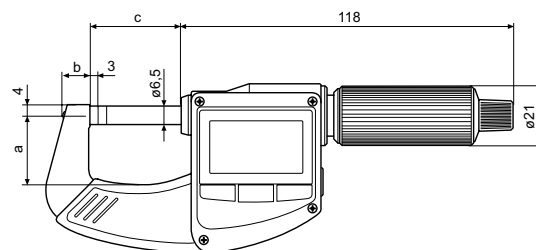
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## Technical Data

Order no.	Product type	Measuring range	Resolution	Error limit	Spindle thread pitch	Measuring force	Standard
		mm	mm/inch	$\mu\text{m}$	mm	N	
4157011	40 EWR	0–25	0,001 / .00005"	2	0,5	5–10	Factory standard
4157012	40 EWR	25–50	0,001 / .00005"	2	0,5	5–10	Factory standard
4157013	40 EWR	50–75	0,001 / .00005"	3	0,5	5–10	Factory standard
4157014	40 EWR	75–100	0,001 / .00005"	3	0,5	5–10	Factory standard

Order no.	a	b	c
	mm	mm	mm
4157011	24	9,5	32
4157012	36	11	57
4157013	45	13	82
4157014	57	13	107



# Micromar 40 ER. Digital Micrometer

## Functions

- RESET (set display to zero)
- mm/inch
- HOLD (storage of measured values)
- LOCK function (key lock)
- High contrast analog display
- Spindle is hardened throughout and ground, stainless
- Spindle and anvil are carbide tipped
- Rapid drive
- Ratchet is integrated in the thimble
- Lacquered steel frame, heat insulated
- **Digit height:** 10 mm
- **IP protection category:** IP 40
- **Scope of delivery:** Instruction manual, Battery, Case



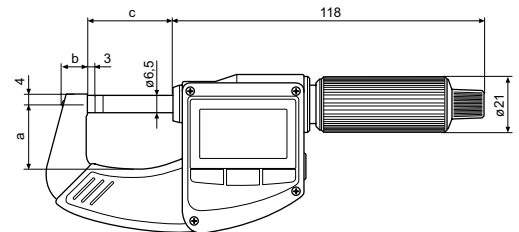
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## Technical Data

Order no.	Product type	Measuring range	Resolution	Error limit	Spindle thread pitch	Measuring force	Standard
4157010	40 ER	0–25	mm/inch 0,001 / .00005"	μm 2	mm 0,5	N 5–10	Factory standard

Order no.	a	b	c
	mm	mm	mm
4157010	24	9,5	32



## Accessories

Order no.	Product name	Product type
4102520	Battery 3 V, CR 2032	
4158000	Stand, for holding outside micrometers	41 H



41 H