

# Digital Indicator MarCator 1086 R

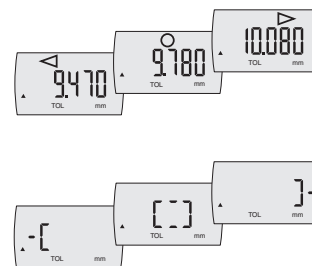
REFERENCE



## Functions:

- ON/OFF
- RESET (set display to zero)
- mm/inch
- Reversal of counting direction
- PRESET (for entering a numerical value)
- TOL (enter tolerance limit values)
- <0> (tolerance GO / NO GO display mode)
- ABS (display can be set to zero without losing reference to preset)
- DATA (Data transmission via connection cable)
- Factor (adjustable)
- LOCK (individual button lock)

**Willrich Precision**  
**Ph 866-945-5742**  
**sales@willrich.com**

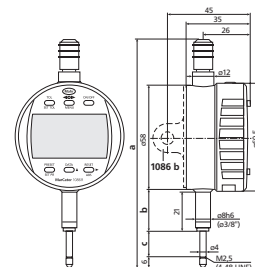


- High contrast LCD
- Operating and display unit (bezel) can be rotated through 280°
- Lifter protection cap on the measuring spindle
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Immediate measurements due to the Reference System
- **Software:** MarCom Professional 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:** 11 mm
- **Data interface:** Digimatic, Opto RS232C, USB
- **Energy supply:** Battery life approx. 3 years
- **IP protection category:** IP 42
- **Scope of delivery:** Instruction manual, Battery

## Technical Data

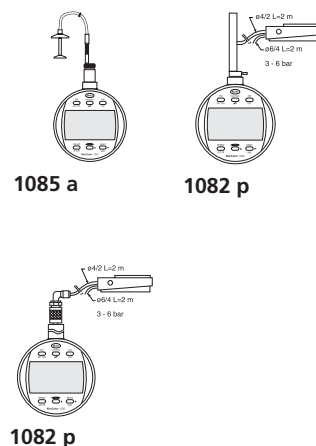
Order no.	4337620	4337621	4337622	4337623	4337650	4337651	
<b>Product type</b>	1086 R				1086 ZR		
<b>Measuring span</b>	mm	12.5	25	50	100	12.5	25
<b>Measuring span</b>	inch	.5"	1"	2"	4"	.5"	1"
<b>Resolution</b>	mm	0.0005, 0.001, 0.002, 0.005, 0.01					
<b>Resolution</b>	inch	.00002", .00005", .0001", .0002", .0005"					
<b>Error limit</b>	mm	0.004	0.007	0.008	0.004		
<b>Error limit over 50 graduations</b>	mm	0.002					
<b>Repeatability</b>	mm	0.001					
<b>Measuring force</b>	N	0.65 - 0.9	0.65 - 1.15	1.25 - 2.7	1.8 - 3.5	0.65 - 0.65	0.9 - 1.15
<b>Standard</b>	Factory standard						

Order no.	a	b	c	Mounting shaft	Mounting shaft
	mm	mm	mm	mm	inch
4337620	126.3	23	13.5	8	
4337621	153.4	26.8	26.5	8	
4337622	267.3	40	52	8	
4337623	420.3	91	103	8	
4337650	126.3	23	13.5		.375"
4337651	153.4	26.8	26.5		.375"



## Accessories

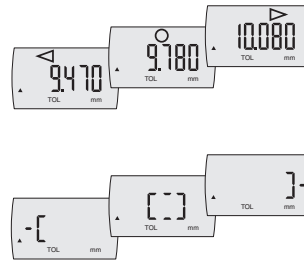
Order no.	Product name	Product type
4884464	Battery 3 V, Type CR 2450	
4102357	16 EXu Data Connection Cable USB (2 m)	16 EXu
4102915	Digimatic data cable (2 m)	16 EWd
4102410	Data Connection Cable RS232C (2 m)	16 EXr
4375004	Protective cap for 1075 R / 1086 R / 1087 R	1086 s
4337421	Lug back	1086 b
2255936	Post back	
2255778	Adjustable back for 75B	
2255653	Rack back	
2254939	Screw back	
2246308	Adjustable back	
4336311	Cable Release (12,5 + 25 mm)	1085 a
4336237	Pneumatic lifting (12,5 + 25 mm)	1082 p
4310103	Adapter bush (.375" / 8 mm)	940
4336230	Pneumatic lifting (50 + 100 mm)	1082 p



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REFERENCE



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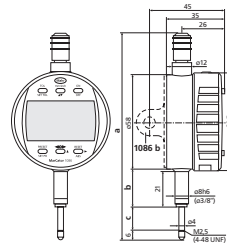
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- **Scope of delivery:** Instruction manual, Battery

## Technical Data

Order no.		4337130	4337131	4337132	4337133
Product type		1086 R			
Measuring span	mm	12.5	25	50	100
Measuring span	inch	.5"	1"	2"	4"
Resolution	mm	0.01			
Resolution	inch	.0005"			
Error limit	mm	0.02			
Error limit over 50 graduations	mm	0.02			
Repeatability	mm	0.01			
Measuring force	N	0.65 – 0.9	0.65 – 1.15	1.25 – 2.7	1.6 – 3.5
Standard		Factory standard			
Lifting protection cap		•			

Order no.	a	b	c	Mounting shaft
	mm	mm	mm	mm
4337130	126.3	23	13.5	8
4337131	153.4	26.8	26.5	8
4337132	267.3	40	52	8
4337133	420.3	91	103	8



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Order no.	Product name	Product type
4884464	Battery 3 V, Type CR 2450	
4102357	16 EXu Data Connection Cable USB (2 m)	16 EXu
4102915	Digimatic data cable (2 m)	16 EWD
4102410	Data Connection Cable RS232C (2 m)	16 EXr
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4337421	Lug back	1086 b
4336237	Pneumatic lifting (12,5 + 25 mm)	1082 p
2246308	Adjustable back	
2254939	Screw back	
2255653	Rack back	
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2255936	Post back	
4336311	Cable Release (12,5 + 25 mm)	1085 a
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