

MarCator 1087 BRi | Digital Indicator

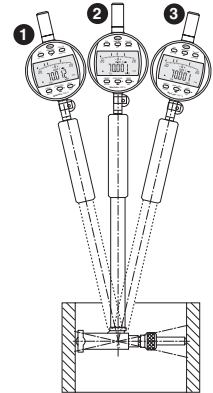
Functions

- ON/OFF
- RESET (set display to zero)
- mm/in
- PRESET (enter a numerical value)
- Reversal of counting direction
- TOL (enter tolerance limit values)
- START/STOP search for reversal point
- MAX/MIN memory for searching the reversal point
- ABS (display can be set to zero without losing reference to preset)
- 0 (set the analog display to zero)
- DATA (data transmission via connection cable)
- Factor (adjustable)
- LOCK (individual button lock)
- Integrated Wireless transmitter
- High contrast LCD display
- Operating and display unit (bezel) can be rotated through 280°
- Lifter protection cap on the measuring spindle
- Hardened stainless steel clamping shaft and measuring pin
- Immediate measurements due to the Reference System
- MarCom Professional Software free download:
www.mahr.com/marcom (only for Mahr data cables and wireless systems with USB and RS232 interface)
- **Digit Height:** 8,5 mm
- **Data Interface:** Opto RS232C, Digimatic, USB, Integrated Wireless
- **Energy Supply:** Battery life approximately 3 years
- **IP Protection Category:** IP 42
- **Package Contains:** Instruction Manual, Battery



Bore Gage Application

When measuring with a 2-point bore gage, the reversing point will be calculated automatically during reversal. When used with the PRESET value, the ACTUAL measured value is shown on the display. The 1087 BRi can process 64 measurements per second for fast measurement certainty.



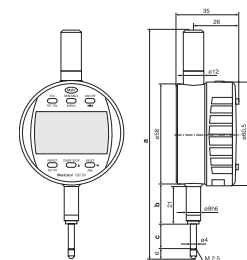
Technical Data

Order No.	4337664
Product Type	1087 BRi
Measuring Range	12,5 mm / 0.5 in
Resolution	0,0005, 0,001, 0,002, 0,005, 0,01
Resolution	0.00002 in, 0.00005 in, 0.0001 in, 0.0002 in, 0.0005 in
Readings	0,001 mm, 0,002 mm, 0,005 mm, 0,01 mm, 0,02 mm, 0,05 mm
Range of Analog Display	± 0,01 mm, ± 0,02 mm, ± 0,04 mm, ± 0,1 mm, ± 0,2 mm
Error Limit	0,004 mm
Error Limit Over 50 Graduations	0,002 mm
Repeatability	0,001 mm
Measuring Force	0,65 - 0,9 N
Standard	Factory standard
Protective Measuring Spindle Cap	•

Order No.	a	b	c	Mounting Shaft
4337664	126,3 mm	23 mm	13,5 mm	8 mm

Accessories

Order No.	Product Description	Product Type
4884464	Battery 3 V, Type CR 2450	
4102357	Data connection cable USB (2 m) including MarCom Professional Software	16 EXu
4102915	Digimatic data cable (2 m)	16 EWd
4102410	Data connection cable RS232C (2 m)	16 EXr
4102220	Receiver including MarCom Professional Software	i-Stick
4375004	Protective cap for 1075 R / 1086 R / 1087 R	1086 s
4310103	Adapter bush (0.375 in / 8 mm)	940



i-Stick