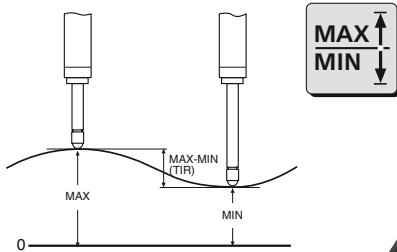


MarCator 1087 Ri

► | The new Digital Indicator **MarCator** 1087 Ri. The multi-functional Digital Indicator with a combined analog and digital display as well as tolerance and dynamic measuring functions. | ◀

Dynamic measuring functions

- **MAX-MIN**-Function ideal for testing flatness and concentricity
- **MAX** and / or **MIN** for searching the reversal point



Universal Data-Interface



- **Integrated Wireless**
The wireless interface for the price of a data cable



- **USB**
No interface box is required! Simple and inexpensive way to set up a multiple measuring instruments via a USB hub



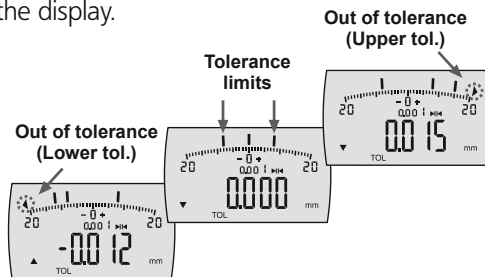
- **Digimatic**
To connect a Digimatic compatible evaluation instrument



- **Mahr Opto RS232C**
For direct connection to a COM port on a PC

Clear display Tolerance indication

The Integrated bar graph visualizes the tolerance deviation. Out of tolerance; above the upper or below the lower tolerance limit is represented by arrows shown in the display.



- **Absolute function:**
Digital Indicator can be set in any position to 0.000 without losing the reference to the preset value.

Just set once to zero

REFERENCE The new Digital Indicators 1087 Ri are equipped with the innovative Reference-System. The zero position only has to be set one time: once it is set, the zero remains stored for all further measurements. Therefore, when the indicator is switched ON or the measuring spindle is moved the indicator is immediately ready for measurement; thus the need to reset as with a conventional indicator is now obsolete.

Battery service life is 3 years

The new Reference system is extremely energy efficient as when the caliper is in standby mode; almost no power is required, thus **extending the life of the battery up to 3 years***.

* When Integrated Wireless is deactivated

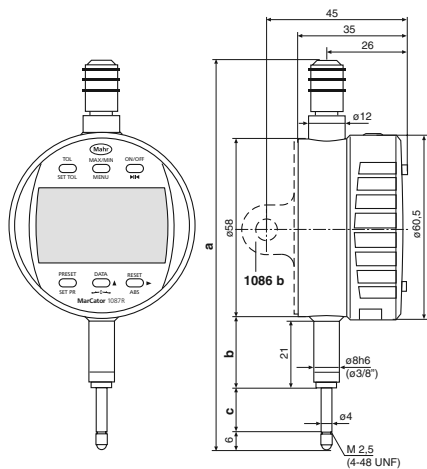
Error free operation

Lock function: This prevents unintentional activation of an operating button. Either all the operating buttons or only certain individual buttons can be locked. If a locked operating button is pressed the "LOC" symbol will appear in the display.

Digital Indicators MarCator 1087 Ri with analog display



REFERENCE



Dimensions

Meas. range	a	b	c
mm (inch)	mm	mm	mm
12.5 (.5")	126.3	23	13.5

Analog display

Readings		Display range	
mm	inch	mm	inch
0.001	/.00005	± 0.02	± .001
0.002	/.0001	± 0.04	± .002
0.004	/.0005	± 0.08	± .01
0.01	/.001	± 0.2	± .02

Features

Functions:

- ON/OFF
- RESET (Set display to zero) mm/inch
- Reverse the counting direction
- PRESET (Allows the entry of any value using set buttons)
- TOL (Enter tolerance limit values)
- Tolerance band max. 1.6 mm
- MAX/MIN memory, ideal for searching the reversal point
- TIR (MAX-MIN) ideal for testing concentricity and flatness
- ABS (Display can be set to zero, without losing the reference to the Preset value)
- 0 (Set analog display to zero)
- DATA (when connected with a data connection cable)
- Factor (adjustable)
- Immediate measurement due to the Reference system
- Individual buttons can be locked - Lock Function
- Operating and display unit (bezel) can be rotated 280°
- High contrast LCD with 8.5 mm high digits
- Operating time approx. 3 years (2000 work. hrs/year)
- Maximum measuring speed 1.5 m/s (60"/s)
- MarConnect data output: choose either
USB
OPTO RS232C
Digimatic
Integrated Wireless
- Operating temperature 10 - 40°C
- Class of protection IP42 in accordance to IEC 60529

Supplied with:
Battery,
Operating instructions

Technical Data

Measuring range	Resolution	Span of error*	Measuring force	Weight	Mounting shank	Order no.
mm (inch)	mm / inch	mm	N	g		
12.5 (.5")	0.001 / .0005"	0.005	0.65 - 0.90	140	8h6	4337163

* in any zero point