

MarCator 1088

► | The new Digital Indicator **MarCator 1088**. Tolerance monitoring is simplified with the changing of the color in the background lit display. | ◀

Dynamic measuring functions

- MAX-MIN memory: ideal for testing flatness and concentricity
- MAX-MIN memory: for searching the reversal point



Tolerance function:
 clearly visual tolerance excess due to the change of color in the background lit display.



Universal Data-Interface



- **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



Control output can be connected to a SPS



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

Protection class IP54 according to IEC 60529. Especially suited for use in a manufacturing environment (excludes measuring range 50 mm)

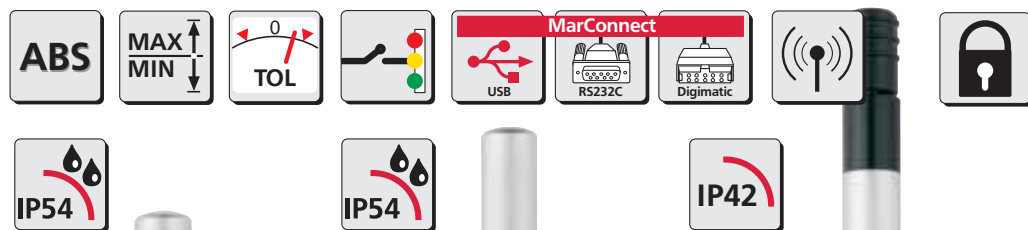


Code Initial	IP	International Protection
First Numeral	5	Dust protected
Second Numeral	4	Protection against splash water in all directions

Analog display

Readings (switchable)		Display range	
mm	inch	mm	inch
0.001	.00005"	±0.030	±.0015"
0.002	.0001"	±0.060	±.0030"
0.005	.0005"	±0.150	±.0150"
0.01	.001"	±0.30	±.030"

Digital Indicators MarCator 1088 / 1088 W, with analog display



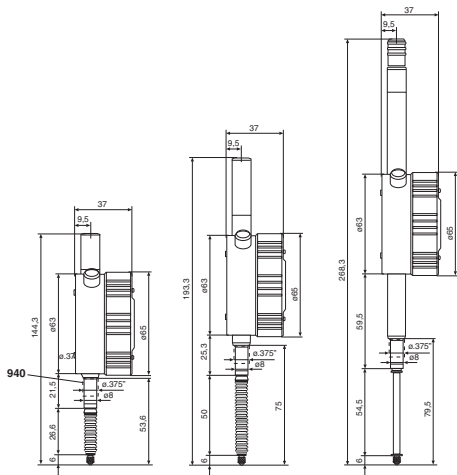
12.5 mm



25 mm



50 mm



Features

Functions:

- ON/OFF
- RESET (set digital and analog displays to zero)
- 0 - (set analog display to zero)
- PRESET (enter any numerical values)
- DATA (data transmission)
- mm/inch-switchable
- Factor (adjustable)
- Reversal of counting direction (switch value in digital display)
- MAX-MIN memory, ideal for searching the reversal point
- MAX-MIN memory, e.g. for testing flatness and concentricity
- TOL (Enter tolerance limit values)
- Tolerance band max, 1.6 mm
- LOCK: operating functions can be blocked via PC-Software
- Power supply via the main power adapter
- MarConnect data output: USB, OPTO RS232C, or Digimatic
- Can be remotely operated via the interface (Opto RS232C)
- Control output compatible to Dial Comparators with limit contacts
- Operating and display unit (bezel) can be rotated 280°
- Class of protection IP54 in accordance to IEC 60529
- Operating temperature 5 - 40°C
- High contrast backlit LCD with 6.5 mm high digits
- Analog display with 4 mm pointer ensures better visual recognition, ideal when checking concentricity or flatness as well as searching for the reversal point when measuring bores
- Supplied with: Mains adapter, rubber bellows, operating instructions

Technical Data

Measuring range	Resolution	Measuring force	Span of error*	Protection class	Order no.	Order no.
mm	mm / inch	N	mm		230 V	115 V
12.5	.001 / (.5")	0.65 - 1.40	0.005	IP54	4337000	4337010
25	0.001 / (1")	1.00 - 2.25	0.005	IP54	4337001	4337011
50	0.001 / (2")	1.25 - 2.7	0.008	IP42	4337002	4337012

* in any zero point