Product information

Digital indicator MarCator 1087 Ri



Item no.: **4337820**

Product features

- **Tempered glass front with touch control panels with enormous advantages**:
  - scratch and impact resistant surface
  - excellent protection against dust, coolants and lubricants
  - wear-free touch operating keys
  - improved safety of measurement values in measuring stands, as only a light touch of the key - no keystroke - is required, thus no adjustment or deformation of the measuring device
- **Analog scale display** for visual recognition of the measuring movement during dynamic measurment tasks
- Clear tolerance limits in the scale display and **colored LED signals (red, green, yellow) for measured value classification**
  - with warning limit input: NoGo/Go/Warning-Limit
  - without warning limit input selectable: NoGo/Go or NoGo/Go/Rework
- LED signals (red, green, yellow) in mode:
  - powered by battery: flashing signal
  - powered by data cable DK-U1: permanent
- High contrast LCD display, thus very clear and safe to read
- Operating and display unit (bezel) can be rotated through 280°
- Mounting shank and measuring spindle are both made of hardened stainless steel

Functions

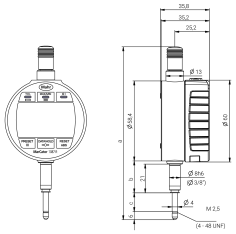
ON/OFF, mm/inch, RESET (set display to zero), 0 (set the analog scale display to zero), PRESET (dimension presetting) - 3 values possible, MAX/MIN memory for searching the reversal point, (MAX-MIN) for testing flatness and concentricity, Analog scale (display with pointer or as a bargraph), TOL (Tolerance and warning limit setting) - 3 tolerances possible, ABS (display can be set to zero without losing reference to preset), Factor (multiplier for measuring travel), Reversal of counting direction, Resolution selectable, LOCK function (general key lock in the

Technical data

Measuring span in mm	12.5 mm
Measuring range in inch	0.5 inch
Resolution	0.0005 mm, 0.001 mm, 0.002 mm, 0.005 mm, 0.01 mm
Measuring force (N)	0.65 - 0.9
Height of digits	9 mm
Battery type	CR 2450N (3V Lithium)

Dimensions

Dimensions b in mm	23.3 mm
Dimensions a in mm	126.2 mm
Dimensions c in mm	13.6 mm



Accessories

Order no.	Designation	Product type
4102220	Wireless receiver for measuring instruments with integrated wireless	i-Stick
4102603	Data cable USB bidirectional	DK-U1
4102606	Data cable Digimatic	DK-D1
4346606	Shock Protection Ring	1086 sr

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menu and individual key and menu locks for process-safe measurements via MarCom software), Bi-directional data interface (for data retrieval - transfer of parameters - remote control - individual function locks via MarCom software), Remote-controllable by MarCom software, DATA (data transmission), HOLD (freeze current measured value)

Package contains
battery, test certificate, instruction manual, Cardboard box

Application
Comprehensive measuring functions for:

- **Static measurements** such as lengths, distances and length differences
- **Dynamic measurements** such as radial runout, straightness and flatness via MAX / MIN / MAX-MIN functions

Data interface
Integrated Wireless, USB, Digimatic