

# Digital Indicator MarCator 1086 WR

Willrich Precision sales@willrich.com

Ph 866-945-5742

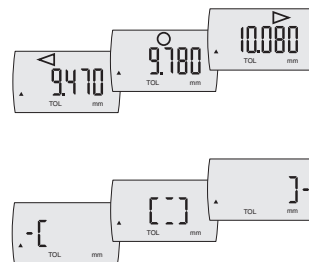
REFERENCE



## 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)

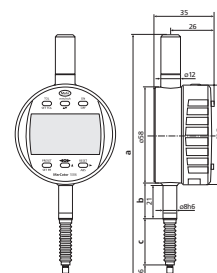
- High contrast LCD
- Operating and display unit (bezel) can be rotated through 280°
- Hermetically sealed protective measuring cap
- Mounting shank and measuring spindle are both made of hardened stainless steel
- Immediate measurements due to the Reference System
- **Software:** MarCom Professional 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 54
- **Scope of delivery:** Instruction manual, Battery



## Technical Data

| Order no.                        |      | 4337640                                  | 4337641  |
|----------------------------------|------|------------------------------------------|----------|
| Product type                     |      | 1086 WR                                  |          |
| Measuring span                   | mm   | 12.5                                     | 25       |
| Measuring span                   | inch | .5"                                      | 1"       |
| Resolution                       | mm   | 0.0005, 0.001, 0.002, 0.005, 0.01        |          |
| Resolution                       | inch | .00002", .00005", .0001", .0002", .0005" |          |
| Error limit                      | mm   | 0.004                                    |          |
| Error limit over 50 graduations  | mm   | 0.002                                    |          |
| Repeatability                    | mm   | 0.001                                    |          |
| Measuring force                  | N    | 0.65 – 1.4                               | 1 – 2.25 |
| Standard                         |      | Factory standard                         |          |
| Protective measuring spindle cap |      | •                                        |          |

| Order no. | a     | b    | c    | Mounting shaft |
|-----------|-------|------|------|----------------|
|           | mm    | mm   | mm   | mm             |
| 4337640   | 144.3 | 21   | 28.5 | 8              |
| 4337641   | 193.2 | 24.8 | 50   | 8              |

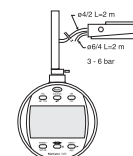


## Accessories

| 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       |
| 2246308   | Adjustable back                             |              |
| 2254939   | Screw back                                  |              |
| 2255653   | Rack back                                   |              |
| 2255778   | Adjustable back for 75B                     |              |
| 2255936   | Post back                                   |              |
| 4336311   | Cable Release (12,5 + 25 mm)                | 1085 a       |
| 4336237   | Pneumatic lifting (12,5 + 25 mm)            | 1082 p       |
| 4337472-E | Rubber bellows (12,5 mm)                    |              |
| 4310103   | Adapter bush (.375" / 8 mm)                 | 940          |
| 4337474-E | Rubber bellows (25 mm)                      |              |



1085 a



1082 p