



## Digital dial indicator 0.01 mm reading, Measuring range: 12,5 mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 434310 12,5   |
| GTIN         | 4059192014391 |
| Item class   | 43A           |

### Description

#### Version:

Digital dial gauge with **very large** numeric display (**11 mm**) and integrated tolerance display (with or without measured value display).

#### Absolute function:

Zeroing possible in any position, without losing the reference value.

**Factor adjustable** with indication in the display.

Individual functions can be blocked directly at the digital indicator. Settings and saved values (factor, preset, tolerances) are not lost even when changing the battery.

#### Function:

IP42: Protected against splashed water from directions up to 15° (dripping water) and protected against penetration by foreign bodies with  $\varnothing > 1$  mm, however tools and wires should be kept away.

#### Supplied with:

1 battery No. 081560 size CR 2450.

#### Optional extras:

Data cable No. 498940.

IP Index of Protection: IP 42

Calibration: C1

Reversible reading: 0.01 mm

Reversible reading: 0.0005 inch

Error limit: 0.02 mm  
 Error limit partial measurement range: 0.002 mm  
 Gauging force: 0.65-0.90 N  
 Clamping shank  $\varnothing$  h6: 8 mm

## Technical description

|   |                            |
|---|----------------------------|
| Calibration   | C1                         |
| Clamping shank $\varnothing$ h6                         | 8 mm                       |
| Thickness of housing                                    | 35 mm                      |
| Gauging force   | 0.65-0.90 N                |
| Measuring range   | 12.5 mm                    |
| Body $\varnothing$                                      | 58 mm                      |
| Reversible reading                                      | 0.0005 inch                |
| Reversible reading                                      | 0.01 mm                    |
| Error limit   | 0.02 mm                    |
| IP Index of Protection                                  | IP 42                      |
| Error limit partial measurement range                   | 0.002 mm                   |
| Article no of the battery / rechargeable battery fitted | 081560 CR2450              |
| Number of batteries contained                           | 1                          |
| Power supply  | Battery-powered            |
| Standard  | Manufacturer's standard    |
| Reversible reading                                      | mm / inch                  |
| Interface   | Digimatic interface        |
| Interface   | USB interface              |
| Interface   | RS232 interface            |
| Measured value saving                                   | MAHR reference-lock system |
| Measurement technology                                  | digital                    |
| Type of product   | Dial Indicator             |

## Services

|  |             |
|--|-------------|
| Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm       | 013210 12,5 |
| Labelling laser-etched Type  | 018940      |
| DAkkS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm | 013250 12,5 |
| Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm       | 023000 12,5 |
| DAkkS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm | 023010 12,5 |

## Accessories

|   |              |
|---|--------------|
| Extension for measuring probe Length L 15 mm                | 434920 15    |
| Steel contact point Type 30/10                              | 434900 30/10 |
| Multi-receiver / USB keyboard interface Type                | 498975       |
| Extension for measuring probe Length L 30 mm                | 434920 30    |
| Steel contact point Type 11/30                              | 434900 11/30 |
| Steel contact point Type 18/3                               | 434900 18/3  |
| Extension for measuring probe Length L 70 mm                | 434920 70    |
| Extension for measuring probe Length L 50 mm                | 434920 50    |
| Steel contact point Type 18/2                               | 434900 18/2  |
| Extension for measuring probe Length L 10 mm                | 434920 10    |
| Steel contact point Type 16                                 | 434900 16    |
| Steel contact point Type 18/5                               | 434900 18/5  |
| Angled bracket for dial indicator 60° Clamping length 25 mm | 434918 25    |
| Carbide contact point Type 11                               | 434910 11    |
| Pivoting contact point                                      | 434912       |
| Steel contact point Type 14/40                              | 434900 14/40 |
| Extension for measuring probe Length L 90 mm                | 434920 90    |
| Steel contact point Type 14/15                              | 434900 14/15 |
| Receiver / USB keyboard interface Type                      | 498965       |

|   |               |
|---|---------------|
| Carbide contact point Type 14                               | 434910 14     |
| Steel contact point Type 20                                 | 434900 20     |
| Steel contact point Type 11/25                              | 434900 11/25  |
| Transmitter Type S4E  | 498966 S4E    |
| Steel contact point Type 39                                 | 434900 39     |
| Connecting cable Type D2                                    | 498940 D2     |
| Steel contact point Type 2                                  | 434900 2      |
| Steel contact point Type 14                                 | 434900 14     |
| Extension for measuring probe Length L 60 mm                | 434920 60     |
| Carbide contact point Type 18/1                             | 434910 18/1   |
| Extension for measuring probe Length L 40 mm                | 434920 40     |
| Carbide contact point Type 18/2                             | 434910 18/2   |
| Button cell / special battery Battery type CR2450           | 081560 CR2450 |
| Steel contact point Type 11                                 | 434900 11     |
| Carbide contact point Type 2                                | 434910 2      |
| Steel contact point Type 29/10                              | 434900 29/10  |
| Angled bracket for dial indicator 45° Clamping length 50 mm | 434917 50     |
| Extension for measuring probe Length L 100 mm               | 434920 100    |
| Steel contact point Type 29/20                              | 434900 29/20  |
| Connecting cable Type USB2                                  | 498940 USB2   |
| Carbide contact point Type 10                               | 434910 10     |
| Connecting cable Type R2                                    | 498940 R2     |
| Carbide contact point Type 18/5                             | 434910 18/5   |
| Steel contact point Type 24                                 | 434900 24     |
| Steel contact point Type 15                                 | 434900 15     |
| Steel contact point Type 18/1                               | 434900 18/1   |
| Ruby contact point Type 2                                   | 434915 2      |
| Steel contact point Type 12                                 | 434900 12     |
| Steel contact point Type 28                                 | 434900 28     |

|   |              |
|---|--------------|
| Steel contact point Type 11/35                              | 434900 11/35 |
| Carbide contact point Type 16                               | 434910 16    |
| Steel contact point Type 11/15                              | 434900 11/15 |
| Steel contact point Type 14/20                              | 434900 14/20 |
| Steel contact point Type 14/30                              | 434900 14/30 |
| Steel contact point Type 13                                 | 434900 13    |
| Carbide contact point Type 18/3                             | 434910 18/3  |
| Steel contact point Type 17                                 | 434900 17    |
| Carbide contact point Type 18/6                             | 434910 18/6  |
| Angled bracket for dial indicator 60° Clamping length 50 mm | 434918 50    |
| Carbide contact point Type 17                               | 434910 17    |
| Carbide contact point Type 18/4                             | 434910 18/4  |
| Extension for measuring probe Length L 20 mm                | 434920 20    |
| Steel contact point Type 11/20                              | 434900 11/20 |
| Angled bracket for dial indicator 45° Clamping length 25 mm | 434917 25    |
| Steel contact point Type 18/6                               | 434900 18/6  |
| Steel contact point Type 10                                 | 434900 10    |
| Extension for measuring probe Length L 80 mm                | 434920 80    |
| Steel contact point Type 18/4                               | 434900 18/4  |