



## Digital dial indicator 0.0005 mm reading, Measuring range: 12,5 mm



### Order data

Order number	434322 12,5
GTIN	4059192014643
Item class	43A

### Description

#### Version:

Digital dial gauge with **very large** numeric display (**11 mm**) and integrated tolerance display. Additional analogue barograph display with tolerance limits.

**Absolute function:** Zeroing possible in any position, without losing the reference value.

**Dynamic measurement functions (MAX / MIN):** For concentricity and flatness testing or seeking the reversal point.

**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.

**Ideal for use with 2-point inside measurement gauges.** The reversal point (MIN value) is automatically saved whilst swinging through, and is shown in the display.

#### 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.

Measured value saving: MAHR reference-lock system

IP Index of Protection: IP 42  
 Calibration: C1  
 Reversible reading: 0.0005 mm  
 Reversible reading: 0.00002 inch  
 Error limit: 0.004 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
Gauging force	0.65-0.90 N
Thickness of housing	35 mm
Clamping shank $\varnothing$ h6	8 mm
Measuring range	12.5 mm
Body $\varnothing$	58 mm
Reversible reading	0.00002 inch
Reversible reading	0.0005 mm
Error limit	0.004 mm
IP Index of Protection	IP 42
Error limit partial measurement range	0.002 mm
Number of batteries contained	1
Article no of the battery / rechargeable battery fitted	081560 CR2450
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
DAkKS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	023010 12,5
Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm	023000 12,5

## Accessories

Connecting cable Type USB2	498940 USB2
Carbide contact point Type 18/2	434910 18/2
Extension for measuring probe Length L 15 mm	434920 15
Transmitter Type S4E	498966 S4E
Steel contact point Type 18/3	434900 18/3
Steel contact point Type 39	434900 39
Angled bracket for dial indicator 45° Clamping length 50 mm	434917 50
Steel contact point Type 29/20	434900 29/20
Carbide contact point Type 18/4	434910 18/4
Angled bracket for dial indicator 60° Clamping length 50 mm	434918 50
Steel contact point Type 13	434900 13
Pivoting contact point	434912
Steel contact point Type 29/10	434900 29/10
Receiver / USB keyboard interface Type	498965
Steel contact point Type 11/25	434900 11/25
Carbide contact point Type 14	434910 14

Steel contact point Type 28	434900 28
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 10	434900 10
Multi-receiver / USB keyboard interface Type	498975
Steel contact point Type 15	434900 15
Extension for measuring probe Length L 50 mm	434920 50
Steel contact point Type 24	434900 24
Steel contact point Type 16	434900 16
Extension for measuring probe Length L 90 mm	434920 90
Ruby contact point Type 2	434915 2
Steel contact point Type 18/1	434900 18/1
Steel contact point Type 20	434900 20
Carbide contact point Type 10	434910 10
Carbide contact point Type 18/6	434910 18/6
Carbide contact point Type 16	434910 16
Extension for measuring probe Length L 10 mm	434920 10
Button cell / special battery Battery type CR2450	081560 CR2450
Steel contact point Type 18/5	434900 18/5
Steel contact point Type 11	434900 11
Steel contact point Type 18/6	434900 18/6
Extension for measuring probe Length L 70 mm	434920 70
Extension for measuring probe Length L 40 mm	434920 40
Steel contact point Type 14/15	434900 14/15
Steel contact point Type 30/10	434900 30/10
Extension for measuring probe Length L 100 mm	434920 100
Steel contact point Type 14/30	434900 14/30
Steel contact point Type 14	434900 14
	434918 25

Angled bracket for dial indicator 60° Clamping length 25 mm

Steel contact point Type 14/40	434900 14/40
Steel contact point Type 12	434900 12
Carbide contact point Type 2	434910 2
Steel contact point Type 11/15	434900 11/15
Carbide contact point Type 11	434910 11
Carbide contact point Type 18/1	434910 18/1
Extension for measuring probe Length L 80 mm	434920 80
Steel contact point Type 18/4	434900 18/4
Carbide contact point Type 18/3	434910 18/3
Steel contact point Type 11/35	434900 11/35
Steel contact point Type 2	434900 2
Steel contact point Type 14/20	434900 14/20
Connecting cable Type R2	498940 R2
Extension for measuring probe Length L 20 mm	434920 20
Carbide contact point Type 18/5	434910 18/5
Carbide contact point Type 17	434910 17
Connecting cable Type D2	498940 D2
Steel contact point Type 18/2	434900 18/2
Steel contact point Type 11/30	434900 11/30
Steel contact point Type 17	434900 17
Extension for measuring probe Length L 60 mm	434920 60
Extension for measuring probe Length L 30 mm	434920 30