



Digital dial indicator i-wi 0.0005 mm reading, Measuring range: 12,5mm



Order data

Order number	434324 12,5
GTIN	4059192014650
Item class	43A

Description

Version:

Digital dial gauge with **very large** numeric display (**11 mm**) and integrated tolerance display. Additional analogue bar graph display with tolerance limits. The REFERENCE measuring system saves and retains the set zero position, even after being switched on again. The lock function prevents measurement errors arising from accidentally touching the control buttons.

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

Factor adjustable with indication in 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.

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

With **integral i-wi** radio system for easy cordless transmission of measured data to any PC.

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.
i-wi radio receiver No. 498912 STICK.

Technical description

Calibration	C1
Thickness of housing	35 mm
Measuring range	12.5 mm
Body Ø	58 mm
Clamping shank Ø h6	8 mm
Gauging force	0.65-0.90 N
Reversible reading	0.00002 in
Reversible reading	0.0005 mm
IP Index of Protection	IP 42
Article no of the battery / rechargeable battery fitted	081560 CR2450
Number of batteries contained	1
Power supply	Battery-powered
Wireless application	Manufacturer's software
Measurement variation E MPE (measurement range)	0.004 mm
Standard	Manufacturer's standard
Reversible reading	mm / inch
Interface	Digimatic interface
Interface	USB interface
Interface	RS232 interface
Interface	MAHR i-wi radio system
Measured value saving	MAHR reference-lock system
Measurement technology	digital
Type of product	dial gauge

Services

023010 12,5

DAkKS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm

Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 12,5 mm

023000 12,5

Accessories

Steel contact point Type 15

434900 15

Steel contact point Type 18/3

434900 18/3

Steel contact point Type 13

434900 13

Steel contact point Type 12

434900 12

Steel contact point Type 30/10

434900 30/10

Carbide contact point Type 18/1

434910 18/1

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 18/4

434910 18/4

Steel contact point Type 14/40

434900 14/40

Steel contact point Type 18/5

434900 18/5

Angled bracket for dial indicator 45° Clamping length 50 mm

434917 50

Carbide contact point Type 17

434910 17

Extension for contact points Length L 30 mm

434920 30

Steel contact point Type 18/1

434900 18/1

Carbide contact point Type 18/2

434910 18/2

Extension for contact points Length L 15 mm

434920 15

Button cell / special battery Battery type CR2450

081560 CR2450

Steel contact point Type 20

434900 20

Steel contact point Type 18/4

434900 18/4

Carbide contact point Type 11

434910 11

Connection cablesimplex with data key Type D2

498940 D2

Extension for contact points Length L 50 mm	434920 50
Angled bracket for dial indicator 45° Clamping length 25 mm	434917 25
Steel contact point Type 14/15	434900 14/15
Steel contact point Type 16	434900 16
Carbide contact point Type 18/5	434910 18/5
Extension for contact points Length L 40 mm	434920 40
Steel contact point Type 18/2	434900 18/2
Steel contact point Type 10	434900 10
Carbide contact point Type 10	434910 10
Extension for contact points Length L 80 mm	434920 80
Steel contact point Type 17	434900 17
Connection cablesimplex with data key Type R2	498940 R2
Steel contact point Type 11/35	434900 11/35
Steel contact point Type 11	434900 11
Steel contact point Type 14	434900 14
Carbide contact point Type 18/3	434910 18/3
Steel contact point Type 11/30	434900 11/30
Extension for contact points Length L 90 mm	434920 90
Extension for contact points Length L 100 mm	434920 100
Multi-receiver / USB keyboard interface Type	498975
Extension for contact points Length L 10 mm	434920 10
Steel contact point Type 39	434900 39
Steel contact point Type 14/20	434900 14/20
Carbide contact point Type 14	434910 14
Extension for contact points Length L 60 mm	434920 60
Angled bracket for dial indicator 60° Clamping length 25 mm	434918 25
Carbide contact point Type 2	434910 2
Steel contact point Type 28	434900 28

Steel contact point Type 11/15	434900 11/15
Extension for contact points Length L 70 mm	434920 70
Steel contact point Type 29/20	434900 29/20
Steel contact point Type 29/10	434900 29/10
Pivoting contact point	434912
Steel contact point Type 11/25	434900 11/25
Ruby contact point Type 2	434915 2
Steel contact point Type 18/6	434900 18/6
Carbide contact point Type 16	434910 16
Radio receiver for Mahr i-wi Type STICK	498914 STICK
Steel contact point Type 11/20	434900 11/20
Extension for contact points Length L 20 mm	434920 20
Steel contact point Type 2	434900 2
Steel contact point Type 24	434900 24
Connection cablesimplex with data key Type USB2	498940 USB2
Steel contact point Type 14/30	434900 14/30
Radio receivers for Mahr i-wi Type STICK	498912 STICK