



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



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 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.

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.

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
Thickness of housing	35 mm
Measuring range	12.5 mm
Body \varnothing	58 mm
Clamping shank \varnothing h6	8 mm
Gauging force	0.65-0.90 N
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
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
Interface	MAHR i-wi radio system
Measured value saving	MAHR reference-lock system
Measurement technology	digital

Type of product	Dial Indicator
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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

Accessories

Multi-receiver / USB keyboard interface Type	498975
Radio receivers for Mahr i-wi Type STICK	498914 STICK
Button cell / special battery Battery type CR2450	081560 CR2450
Radio receivers for Mahr i-wi Type STICK	498912 STICK
Extension for measuring probe Length L 50 mm	434920 50
Carbide contact point Type 11	434910 11
Steel contact point Type 18/2	434900 18/2
Steel contact point Type 14	434900 14
Extension for measuring probe Length L 10 mm	434920 10
Steel contact point Type 29/10	434900 29/10
Steel contact point Type 11/20	434900 11/20
Connecting cable with data key Type R2	498940 R2
Connecting cable with data key Type D2	498940 D2
Steel contact point Type 17	434900 17
Extension for measuring probe Length L 15 mm	434920 15
Carbide contact point Type 18/3	434910 18/3
Steel contact point Type 14/20	434900 14/20
Steel contact point Type 18/3	434900 18/3
Extension for measuring probe Length L 40 mm	434920 40
Carbide contact point Type 14	434910 14

Extension for measuring probe Length L 80 mm	434920 80
Steel contact point Type 11/30	434900 11/30
Steel contact point Type 18/4	434900 18/4
Pivoting contact point	434912
Steel contact point Type 18/6	434900 18/6
Steel contact point Type 14/30	434900 14/30
Steel contact point Type 11/25	434900 11/25
Steel contact point Type 18/1	434900 18/1
Steel contact point Type 39	434900 39
Steel contact point Type 16	434900 16
Carbide contact point Type 2	434910 2
Extension for measuring probe Length L 70 mm	434920 70
Extension for measuring probe Length L 30 mm	434920 30
Steel contact point Type 11/15	434900 11/15
Steel contact point Type 11	434900 11
Connecting cable with data key Type USB2	498940 USB2
Extension for measuring probe Length L 100 mm	434920 100
Carbide contact point Type 18/4	434910 18/4
Steel contact point Type 13	434900 13
Extension for measuring probe Length L 60 mm	434920 60
Extension for measuring probe Length L 90 mm	434920 90
Ruby contact point Type 2	434915 2
Carbide contact point Type 18/5	434910 18/5
Steel contact point Type 2	434900 2
Carbide contact point Type 18/1	434910 18/1
Steel contact point Type 12	434900 12
Steel contact point Type 30/10	434900 30/10
Angled bracket for dial indicator 60° Clamping length 25 mm	434918 25
	434917 25

Angled bracket for dial indicator 45° Clamping length 25 mm	
Angled bracket for dial indicator 60° Clamping length 50 mm	434918 50
Carbide contact point Type 18/2	434910 18/2
Angled bracket for dial indicator 45° Clamping length 50 mm	434917 50
Carbide contact point Type 16	434910 16
Steel contact point Type 15	434900 15
Steel contact point Type 29/20	434900 29/20
Carbide contact point Type 10	434910 10
Steel contact point Type 20	434900 20
Carbide contact point Type 18/6	434910 18/6
Steel contact point Type 28	434900 28
Steel contact point Type 18/5	434900 18/5
Steel contact point Type 14/40	434900 14/40
Steel contact point Type 14/15	434900 14/15
Extension for measuring probe Length L 20 mm	434920 20
Steel contact point Type 24	434900 24
Steel contact point Type 10	434900 10
Carbide contact point Type 17	434910 17
Steel contact point Type 11/35	434900 11/35