

 Mahr**Digital dial indicator 0.0005 mm reading, Measuring range: 100mm****Order data**

Order number	434314 100
GTIN	4059192014520
Item class	43A

Description**Version:**

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

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.

Technical description

Calibration	C1
Body Ø	58 mm
Thickness of housing	35 mm
Gauging force	1.60–3.50 N
Measuring range	100 mm
Clamping shank Ø h6	8 mm
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
Measurement variation E MPE (measurement range)	0.008 mm
Standard	Manufacturer's standard
Reversible reading	mm / inch
Interface	USB interface
Interface	Digimatic interface
Interface	RS232 interface
Measured value saving	MAHR reference-lock system
Measurement technology	digital
Type of product	dial gauge

Services

Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 100 mm	023000 100
DAkkS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 100 mm	023010 100

Accessories

Connection cablesimplex with data key Type USB2	498940 USB2
Multi-receiver / USB keyboard interface Type	498975
Connection cablesimplex with data key Type R2	498940 R2
Transmitter Type S4E	498966 S4E
Connection cablesimplex with data key Type D2	498940 D2
Button cell / special battery Battery type CR2450	081560 CR2450
Receiver / USB keyboard interface Type	498965