

Digital dial indicator 0.0005 mm reading, Measuring range: 50 mm



Order data

Order number	434320 50
GTIN	4059192061449
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.

Function:

IP42: Protected against splashed water from directions up to 15° (dripping water) and protected against penetration by foreign bodies with $\emptyset > 1$ 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: 0.65-1.15 N Clamping shank Ø h6: 8 mm

Technical description

Reversible reading 0.00002 inch IP Index of Protection IP 42 Thickness of housing 35 mm Body Ø 58 mm Gauging force 0.65-1.15 N Measuring range 50 mm Calibration C1 Error limit 0.004 mm Reversible reading 0.0005 mm Error limit partial measurement range 0.0002 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 USB interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital Type of product	Clamping shank Ø h6	8 mm
Thickness of housing Body Ø 58 mm Gauging force 0.65-1.15 N Measuring range 50 mm Calibration C1 Error limit 0.004 mm Reversible reading 0.0005 mm Error limit partial measurement range Article no of the battery / rechargeable battery fitted Number of batteries contained 1 Power supply Battery-powered Standard Manufacturer's standard Reversible reading mm / inch Interface USB interface Interface Interface Measured value saving MAHR reference-lock system Measurement technology digital	Reversible reading	0.00002 inch
Body Ø 58 mm Gauging force 0.65-1.15 N Measuring range 50 mm Calibration C1 Error limit 0.004 mm Reversible reading 0.0005 mm 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 USB interface Interface RS232 interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	IP Index of Protection	IP 42
Gauging force 0.65-1.15 N Measuring range 50 mm Calibration C1 Error limit 0.0004 mm Reversible reading 0.0005 mm 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 USB interface Interface Digimatic interface Interface RS232 interface Measurement technology digital	Thickness of housing	35 mm
Measuring range 50 mm Calibration C1 Error limit 0.004 mm Reversible reading 0.0005 mm 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 USB interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Body Ø	58 mm
Calibration C1 Error limit 0.004 mm Reversible reading 0.0005 mm 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 USB interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Gauging force	0.65-1.15 N
Error limit 0.004 mm Reversible reading 0.0005 mm 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 USB interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Measuring range	50 mm
Reversible reading 0.0005 mm 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 USB interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Calibration	C1
Error limit partial measurement range Article no of the battery / rechargeable battery fitted Number of batteries contained 1 Power supply Battery-powered Standard Manufacturer's standard Reversible reading Interface USB interface Interface Interface Interface Measured value saving Measurement technology O.002 mm O.002 mm O.002 mm O.002 mm OR1560 CR2450 Battery-powered Manufacturer's standard Manufacturer's standard Digimatic interface MAHR reference-lock system Measurement technology digital	Error limit	0.004 mm
Article no of the battery / rechargeable battery fitted Number of batteries contained Power supply Battery-powered Standard Manufacturer's standard Reversible reading mm / inch Interface USB interface Interface Interface RS232 interface Measured value saving Measurement technology digital	Reversible reading	0.0005 mm
Number of batteries contained Power supply Battery-powered Standard Manufacturer's standard Reversible reading mm / inch Interface USB interface Interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Error limit partial measurement range	0.002 mm
Power supply Standard Manufacturer's standard Reversible reading Interface USB interface Interface Digimatic interface Interface RS232 interface Measured value saving Measurement technology Battery-powered Manufacturer's standard Mmm / inch USB interface USB interface MS232 interface RS232 interface MAHR reference-lock system Measurement technology	Article no of the battery / rechargeable battery fitted	081560 CR2450
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	Number of batteries contained	1
Reversible reading mm / inch Interface USB interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Power supply	Battery-powered
Interface Interface Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Standard	Manufacturer's standard
Interface Digimatic interface Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Reversible reading	mm / inch
Interface RS232 interface Measured value saving MAHR reference-lock system Measurement technology digital	Interface	USB interface
Measured value saving MAHR reference-lock system Measurement technology digital	Interface	Digimatic interface
Measurement technology digital	Interface	RS232 interface
	Measured value saving	MAHR reference-lock system
Type of product Dial Indicator	Measurement technology	digital
	Type of product	Dial Indicator



Services

Labelling laser-etched Type	018940
DAkkS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 100 mm	013250 100
Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 50 mm	013210 50
Calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 50 mm	023000 50
DAkkS calibration Dial indicator analogue 0.01 and digital 0.01 / 0.001 maximum measuring span 100 mm	023010 100

Accessories

Receiver / USB keyboard interface Type	498965
Multi-receiver / USB keyboard interface Type	498975
Connecting cable Type D2	498940 D2
Button cell / special battery Battery type CR2450	081560 CR2450
Connecting cable Type R2	498940 R2
Transmitter Type S4E	498966 S4E
Connecting cable Type USB2	498940 USB2