

 Mahr

Digital height gauge Digimar, Type: 350



Order data

Order number	445320 350
GTIN	4059192017170
Item class	43B

Description

Version:

Measuring system:

- Outstanding measuring accuracy and reliability due to optical incremental measuring system with double reading head.
- Dynamic probe system for high repeatability.
- Air suspension for easy movement without jerking.
- Precise measuring head guidance on stainless steel slides.
- Easy measuring procedures due to motorised measurement slides.
- Button settings retained at power off.
- Integrated rechargeable battery for cordless measurements.

Control and display unit:

- Large and clear function buttons.
- Easily readable LCD graphics display with background illumination.
- User guidance via self-explanatory icons.
- Facility for setting additional zero points on the component.
- With temperature compensation using temperature sensor.

Supplied with:

Supplied with control and display unit, carrier No. 445410 size T6, contact point No. 445420 size K6/51, setting block, power supply unit No. 445432, NiMH battery No. 445430 and instruction manual.

Optional extras:

Dial indicator sets No. 445400.

Test certificate: Manufacturer's test certificate

Calibration: E2

Measuring range: 350 mm

maximum application range: 0 - 520 mm

Graduations can be switched over: 0.01 / 0.001 mm

Error limit (L = meas. length in mm): $2.8 + L / 300 \mu\text{m}$

Repeatability plane: 2 μm

Repeatability hole: 3 μm

Technical description

Rectangularity error (frontal)	15 μm
Width footprint	250 mm
Measuring range	350 mm
Length of base	240 mm
Overall height	741 mm
maximum application range	0 - 520 mm
Weight	25 kg
Error limit (L = meas. length in mm)	$2.8 + L / 300 \mu\text{m}$
Graduations can be switched over	0.01 / 0.001 mm
Repeatability plane	2 μm
Repeatability hole	3 μm
Gauging force	$1.0 \pm 0.2 \text{ N}$
Article no of the battery / rechargeable battery fitted	445430
Calibration	E2
Number of rechargeable batteries contained	1
Type of rechargeable battery	Nickel metal hydride
Nominal voltage	4.8 V
Power supply	Rechargeable battery-powered

Power supply	Mains operated
Standard	Manufacturer's standard
Reversible reading	mm / inch
Interface	RS232C interface
Interface	Digimatic interface
Measurement technology	digital
Test certificate	Manufacturer's test certificate
Type of product	Height gauge

Services

Calibration Digital height gauge maximum measuring range 400 mm	014360 400
Labelling laser-etched Type	018940
DAkkS calibration Digital height gauge maximum measuring range 400 mm	014600 400
Calibration Digital height gauge maximum measuring range 400 mm	024000 400
DAkkS calibration Digital height gauge maximum measuring range 400 mm	024010 400

Accessories

Connecting cable Type USB2	498940 USB2
Connecting cable Type D2	498940 D2
Connecting cable Type R2	498940 R2
Carrier for measuring probe Type T6	445410 T6
Contact point set Contents (pieces) 6	445400 6
Battery pack 4.8 V	445430
Ball contact point Type K6/51	445420 K6/51
Contact point set Contents (pieces) 11	445400 11
Mains adapter	445432

