



TESA HITE MAGNA digital height gauge, Type: 400



Order data

Order number	445240 400
GTIN	7630041143614
Item class	45A

Description

Version:

High accuracy, **very robust**, manually adjustable height gauges. Dynamic component contact with consistent measuring force. Easy to use, due to large numeric display and symbols for measurement functions.

- **TESA Magna μ magnetic measuring system for use in particularly rough environmental conditions.**
- **Large clear display screen with 21 mm character height and intuitive symbols. Colour display and backlighting for better legibility.**
- **Very long battery life for cordless measurements.**
- **User-friendly with multi-lingual context help in the active functions.**
- **Significantly faster measurement of the return points (min, max, \emptyset) by use of patented Quickcenter Dynamic technology.**

Advantage:

Particularly suitable for **use in production areas. Highly immune to the effects of contamination by both solids and liquids.** Front face of the panel protected to IP65, measurement system protected to IP55.

Function:

IP55: Protected against jets of water from all directions and protected against penetration of dust into the inside (protected against dust), also completely protected against touching.

Application:

For measuring heights and steps, diameters, hole spacings, slot widths and deviations from parallelism etc.

Supplied with:

Base unit with control panel, standard contact point carrier, mains cable, standard contact point with carbide ball \varnothing 5 mm, 110 – 240 V power supply unit, rechargeable LI-ion battery. **SCS calibration certificate.**

Optional extras:

Various accessories available on request. Contact point set No. 445266 and No. 445267, TLC-BLE radio transmitter No. 498921, data cable No. 498918, spare battery No. 445443 size MH.

Test certificate: Manufacturer's test certificate

IP Index of Protection: IP 55

Calibration: E2

Measuring range: 0 - 415 mm

maximum application range: 0 - 570 mm

Graduations can be switched over: 0.001 / 0.005 / 0.01 mm

Error limit (L = meas. length in mm): 8 μ m

Repetition accuracy (2 σ): <3 μ m

Measurement slide movement: manual

Technical description

Graduations can be switched over	0.001 / 0.005 / 0.01 mm
maximum application range	0 - 570 mm
Measurement slide movement	manual
Error limit (L = meas. length in mm)	8 μ m
Calibration	E2
Gauging force	1.5 \pm 0.5 N
Repetition accuracy (2 σ)	<3 μ m
Measuring range	0 - 415 mm
Type of rechargeable battery	Lithium-ion
Number of rechargeable batteries contained	1
IP Index of Protection	IP 55
Power supply	Rechargeable battery-powered
Power supply	Mains operated
Standard	Manufacturer's standard
Reversible reading	mm / inch

Interface	TESA Link Connector TLC
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
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

Contact point set small Number of probe tips 4	445266 4
Contact point set large Number of probe tips 17	445267 17
TLC-BLE radio transmitter Type BT	498921 BT
Data cable TLC, 2 m Type USB	498918 USB
Contact point set small Number of probe tips	445266
Data cable TLC, 2 m Type D	498918 D
Mains adapter Type MH	445282 MH