



TESA HITE digital height gauge, Type: 400



Order data

Order number	445245 400
GTIN	7630041143607
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 Opto- μ opto-electronic measuring system. Incrementally graduated glass scale with reference point for high accuracy.**
- **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.**
- **Air pad for easy, jerk-free working.**

Advantage:

Particularly suitable for **use in production areas**. Front face of the panel protected to IP65.

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

Calibration: E2

Measuring range: 0 - 415 mm

maximum application range: 0 - 570 mm

Graduations can be switched over: 0.0001 / 0.001 / 0.01 mm

Error limit (L = meas. length in mm): $2.5 + 4L / 1000 \mu\text{m}$

Repetition accuracy (2σ): $2 \mu\text{m}$

Rectangularity error (frontal): $9 \mu\text{m}$

Technical description

Rectangularity error (frontal)	9 μm
Measuring range	0 - 415 mm
Gauging force	$1.5 \pm 0.5 \text{ N}$
maximum application range	0 - 570 mm
Graduations can be switched over	0.0001 / 0.001 / 0.01 mm
Measurement slide movement	manual
Calibration	E2
Error limit (L = meas. length in mm)	$2.5 + 4L / 1000 \mu\text{m}$
Repetition accuracy (2σ)	$2 \mu\text{m}$
Number of rechargeable batteries contained	1
Type of rechargeable battery	Lithium-ion
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
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Services

Calibration Digital height gauge maximum measuring range 400 mm	014360 400
DAkkS calibration Digital height gauge maximum measuring range 400 mm	014600 400
DAkkS calibration Digital height gauge maximum measuring range 400 mm	024010 400
Calibration Digital height gauge maximum measuring range 400 mm	024000 400

Accessories

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