

**TESA****TESA HITE MAGNA digital height gauge, Type: 700****Order data**

Order number	445240 700
GTIN	7630041143621
Item class	45B

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 Ø 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 remote control No. 498921, data cable No. 498918.

Technical description

Graduations can be switched over	0.001 / 0.005 / 0.01 mm
Measurement slide movement	manual
Error limit (L = meas. length in mm)	8 µm
Repetition accuracy (2 σ)	<3 µm
Calibration	E2
Measuring range	0 - 715 mm
maximum application range	0 - 870 mm
Gauging force	1.5 ± 0.5 N
Number of rechargeable batteries contained	1
Type of rechargeable battery	Lithium-ion
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

CalibrationDigital height gauge maximum measuring range 800 mm	024000 800
Accredited calibration (e.g. DAkkS)Digital height gauge maximum measuring range 800 mm	024010 800

Accessories

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