



HEXAGON
MANUFACTURING INTELLIGENCE



TESA
TECHNOLOGY

TESA HITS

2019-2

HexagonMI.com | TESAtechnology.com

Version EN-EUR



**NEW
PRODUCTS**

**High accuracy and quality measuring instruments
at the best prices**

Prices exclude VAT

Valid until
31.12.2019

HIGH PRECISION: ALL-ROUNDER



SCS certificate included



More info
on page 7

FROM
2395€



00730084



NEW

For workshops



1D measurement



Manual displacements



400mm – 700mm



TLC



Included SCS certificate



TESA-HITE RANGE



Part number	Designation	Maximum permissible errors (µm)*	Repeatability limit (µm)	Air cushion	List price (€)	Promo price (€)
00730082	TH MAGNA 400	8	Flat: ≤ 3, bore: ≤ 5	–	2995	2395
00730083	TH MAGNA 700	8	Flat: ≤ 3, bore: ≤ 5	–	3550	2840
00730084	TH 400	2,5 + 4 L/1000	Flat: ≤ 2, bore: ≤ 3	✓	4295	3435
00730085	TH 700	2,5 + 4 L/1000	Flat: ≤ 2, bore: ≤ 3	✓	4985	3990

* L en mm



SCS certificate included



After registration



More info
on page 7

**FROM
5520€**



For workshops and laboratories



1D & 2D measurement



Manual or motorized displacements



350mm – 600mm – 900mm



TLC, USB, printer, pdf



Included SCS certificate



QUICKCENTER
technology



00730074



MICRO-HITE RANGE

	Part number	Designation	Maximum permissible errors (µm)*	Repeatability limit (µm)	Fine Adjustment	List price (€)	Promo price (€)
	00730073	MH 350	2+2L/1000	Flat: ≤ 1; bore: ≤1	–	5870	5520
	00730074	MH 600	2+2L/1000	Flat: ≤ 1; bore: ≤1	–	6320	5940
	00730075	MH 900	2+2L/1000	Flat: ≤ 1; bore: ≤1	–	9350	8690
	00730076	MH 350F	2+2L/1000	Flat: ≤ 1; bore: ≤1	✓	6390	5940
	00730077	MH 600F	2+2L/1000	Flat: ≤ 1; bore: ≤1	✓	6830	6350
	00730078	MH 900F	2+2L/1000	Flat: ≤ 1; bore: ≤1	✓	9870	9180
	00730079	MH +M 350	1,8+2L/1000	Flat: ≤ 0,5; bore: ≤1	–	5870	5520
	00730080	MH +M 600	1,8+2L/1000	Flat: ≤ 0,5; bore: ≤1	–	6320	5940
	00730081	MH +M 900	1,8+2L/1000	Flat: ≤ 0,5; bore: ≤1	–	9350	8690

* L en mm

SEARCHING THE μm

TESA μ -HITE

The ultra compact turnkey solution for the product line

Need a "turnkey solution"?

With its application range of 100 mm, this measuring station for workshops and laboratories is particularly suitable for measuring small parts.

Installed quickly, its high accuracy ($1\ \mu\text{m}$) not only matches the most powerful height gauges, but also 1D probes, which are often expensive to install and less flexible in terms of application.

**HIGH
ACCURACY**



TESA μ -HITE RETROFIT KIT

Do you already have a TESA μ -HITE measuring station?

You can now benefit from the many new features!

With this special retrofit kit, you can easily improve the performance of your instrument.

It makes most of the multiple functions embedded in the MICRO-HITE height gauge range accessible and allows you to simplify and accelerate your measurement processes and manage your data more efficiently.



Part number	Designation	Maximum permissible errors (μm)	Repeatability limit (μm)	List price (€)	Promo price (€)
00730503	TESA μ -HITE	Axial: 1 - offset: 2	Axial: 0,5 - offset: 1	4250	3950
00730504	TESA μ -HITE retrofit kit			1420	1320



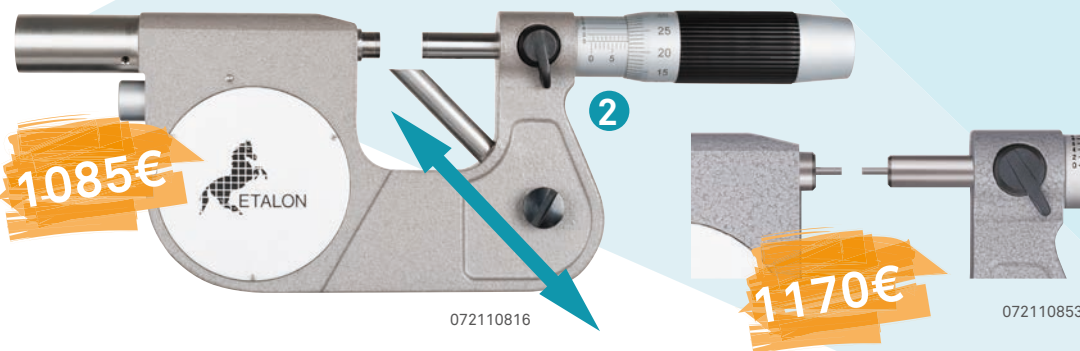
APPLICATION EXAMPLE

TESA MICROSPEL 280

Part number	Designation	Measuring range (mm)	Inserts type	List price (€)	Promo price (€)
072110816	TESA MICROSPEL 280	0 ÷ 25	Standard	1356	1085
072110853	TESA MICROSPEL 280 with small measuring faces	0 ÷ 20	Pointed	1462	1170
00160201	Micrometer stand			117	85



00160201



072110816

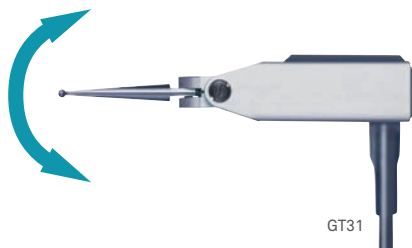
072110853



More info on page 7

TESA μ-FINDER SETS

Part number	Designation	List price (€)	Promo price (€)
04430013P1	TESA μ-Finder set with GT31 probe	2060	1650
04430013P2	TESA μ-Finder set with GT22 probe	1631	1290



GT31



GT22



04430013P2

INTERNAL & EXTERNAL MEASUREMENT

NEW



79€



00530140



86€

129€



00530094

00530319

DIGITAL CALIPERS

Part number	Designation	Measuring range (mm)	Thumb roller	Depth rod	Data transmission	List price (€)	Promo price (€)
00530094	TWIN-CAL	0 ÷ 150	✓	●	✓	109	86
00530097	TWIN-CAL	0 ÷ 150	–	■	✓	109	86
00530319	TWIN-CAL IP67	0 ÷ 150	–	■	✓	163	129
00530320	TWIN-CAL IP67	0 ÷ 150	–	●	✓	163	129
00530321	TWIN-CAL IP67	0 ÷ 150	✓	●	✓	163	129
00530140	TESA-CAL IP67	0 ÷ 150	–	■	–	99	79
00530141	TESA-CAL IP67	0 ÷ 150	–	●	–	99	79
00530142	TESA-CAL IP67	0 ÷ 200	✓	■	–	148	118
00530143	TESA-CAL IP67	0 ÷ 300	✓	■	–	199	159



More info
on page 7





HEXAGON
MANUFACTURING INTELLIGENCE



TESA
TECHNOLOGY

3,5 ÷ 200mm

TESA DIGITAL IMICRO SETS

Part number	Application range (mm)	List price (€)	Promo price (€)
06130220	3,5 ÷ 6,5	5306	4245
06130221	6 ÷ 12	3423	2740
06130222	11 ÷ 20	3536	2830
06130223	20 ÷ 40	4817	3855
06130224	40 ÷ 100	8647	6920
06130225	100 ÷ 200	9495	7595



FROM
2740€



More info below

06130223



THE TESA CONNECTIVITY SOLUTION

Part number	Designation	List price (€)
04760183	Starter kit TLC-BLE: Bluetooth® emitter + USB dongle receiver + 1,5 m extension cable	74
04760184	TESA TLC-BLE Emitter	43
04760185	USB dongle receiver + 1,5 m extension cable	31
04760178	Cable adaptor OPTO-TLC	98

You can buy a single starter kit (the dongle can be used to connect up to 8 instruments)

Instrument	Page	Output type	Connectivity solution
TWIN-CAL IP67 & TWIN-CAL	6	TLC	*
TESA μ-HITE	4	TLC	*
TESA-HITE & TESA-HITE MAGNA	2	TLC	*
TESA MICRO-HITE & MICRO-HITE +M	3	TLC	*
TWIN-T10 (μ-FINDER SET)	5	TLC	*
TESA IMICRO CAPA μ SYSTEM	7	OPTO-RS232	**

* TLC-BLE Starter Kit or TLC-BLE emitter

** TLC-BLE Starter Kit or TLC-BLE emitter + Cable adaptor OPTO-TLC

This product is only available in countries where it is officially certified. Visit our website to know the list of countries in which the TESA TLC-BLE wireless Bluetooth® emitter is available.

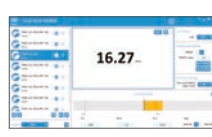
TESA DATA-VIEWER



Connect



Transmit



Acquire

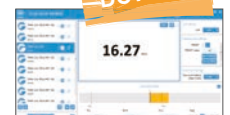


Edit report



watch the video

04760183



FREE
DOWNLOAD

TESA DATA-VIEWER

INCLINATION MEASUREMENT

NEW

TESA CLINOBEVEL 3 INCLINOMETER

±60°

Robust and easy to use, the TESA CLINOBEVEL 3 is a top of the range portable precision inclinometer, it's available in aluminium or cast iron

Part number	Designation	Measuring range (deg)	Resolution (mm/m)	Weight (kg)	List price (€)	Promo price (€)
05330210	TESA CLINOBEVEL 3 60 DEG IRON	± 60°	0,025	3,45	3796	3415
05330211	TESA CLINOBEVEL 3 60 DEG ALU	± 60°	0,025	1,5	3796	3415
05330212	TESA CLINOBEVEL 3 10 DEG IRON	± 10°	0,010	3,45	3796	3415
05330213	TESA CLINOBEVEL 3 10 DEG ALU	± 10°	0,010	1,5	3796	3415
05330214	TESA CLINOBEVEL 3 1 DEG IRON	± 1°	0,005	3,45	7774	6995

Download the product info



CAST IRON MODEL, RUST PROTECTED



05330210

3415€

ALUMINIUM MODEL, BLACK ANODISED



05330211

3415€

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