



HEXAGON
MANUFACTURING INTELLIGENCE



TESA
TECHNOLOGY

TESA HITS

Version EN-EUR



High accuracy and quality measuring instruments
at the best prices

Valid until 30.06.2018 - Prices exclude VAT

HexagonMI.com | TESAtechnology.com

TESA MICRO-HITE

Motorised or manual – the ultimate reference



Efficient determination of the culmination points with the LED control light



<http://go.hexagonmi.com/QuickCenter>

SCS-certificate included:
Instrument ready for immediate use



Compatible with



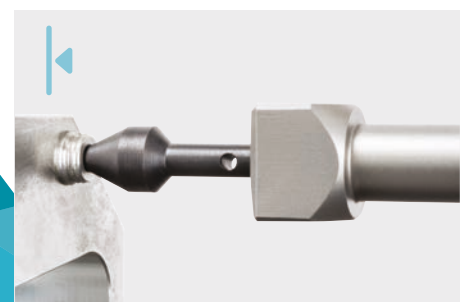
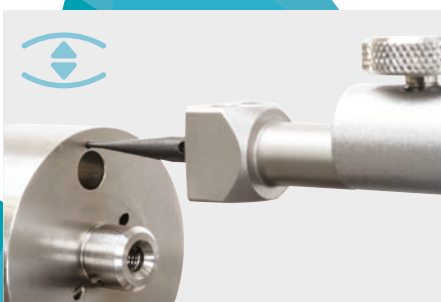
SET OF INSERTS

Added performance with the special set of inserts for small parts and complex applications



469€

00760175



5490€



5940€



8550€



Warranty conditions on our website

NEW!

Security thanks to the highest quality standard and 4 years of warranty for all new TESA MICRO-HITE models



00760252

BATTERY BLOCK + LOADING STATION
Infinite autonomy thanks to the use of a second battery block in parallel



Order number	Designation	Maximum permissible errors (μm)*	Repeatability limit (μm)	List price (€)	Promo price (€)
00730073	MICRO-HITE 350 manual	2+2L/1000	Flat: < 1; bore: <1	6100	5490
00730074	MICRO-HITE 600 manual	2+2L/1000	Flat: < 1; bore: <1	6600	5940
00730075	MICRO-HITE 900 manual	2+2L/1000	Flat: < 1; bore: <1	9500	8550
00730076	MICRO-HITE 350F manual, fine adjustment	2+2L/1000	Flat: < 1; bore: <1	6450	5810
00730077	MICRO-HITE 600F manual, fine adjustment	2+2L/1000	Flat: < 1; bore: <1	6950	6260
00730078	MICRO-HITE 900F manual, fine adjustment	2+2L/1000	Flat: < 1; bore: <1	9850	8870
00730079	MICRO-HITE+M 350 motorised	1,8+2L/1000	Flat: < 0,5; bore: <1	6100	5490
00730080	MICRO-HITE+M 600 motorised	1,8+2L/1000	Flat: < 0,5; bore: <1	6600	5940
00730081	MICRO-HITE+M 900 motorised	1,8+2L/1000	Flat: < 0,5; bore: <1	9500	8550
00760252	Spare battery + loading station			275	227
00760175	Set of inserts			729	469

* L in mm



TESA TWIN-CAL SYSTEM

With integrated data connection and big display for clear reading

Order number	Designation	Measuring range (mm)	Thumb roller	Depth rod	List price (€)	Promo price (€)
00530319	TWIN-CAL IP67	0 ÷ 150	—	■	159	119
00530320	TWIN-CAL IP67	0 ÷ 150	—	●	159	119
00530321	TWIN-CAL IP67	0 ÷ 150	✓	●	159	119
00530322	TWIN-CAL IP67	0 ÷ 200	✓	■	222	175
00530323	TWIN-CAL IP67	0 ÷ 300	✓	■	305	235
00530094	TWIN-CAL	0 ÷ 150	✓	●	109	79
00530097	TWIN-CAL	0 ÷ 150	—	■	109	79
00530095	TWIN-CAL	0 ÷ 200	✓	■	156	125
00530096	TWIN-CAL	0 ÷ 300	✓	■	219	175
04760181	TLC-USB CABLE				118	79
04760182	TLC-DIGIMATIC CABLE				170	119

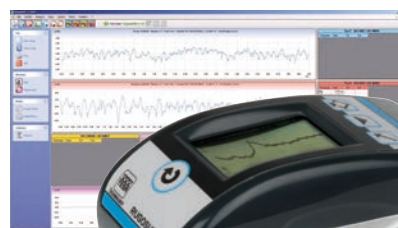


TESA RUGOSURF 20, PORTABLE – ROBUST – EASY TO USE

15 most used roughness parameters

New roughness analyser set = TESA RUGOSURF 20 + full RUGOSOFT software

Order number	Designation	List price (€)	Promo price (€)
06930013	TESA RUGOSURF 20	1920	1499
06930013P	TESA ROUGHNESS ANALYSER SET	2195	1850
Contains:			
06930013	TESA RUGOSURF 20		
06930034	RUGOSOFT software		
04760099	Cable to PC		



Comparison of the free download Data Connection tool and the RUGOSOFT software features

Features	Free download Data Connection tool	RUGOSOFT Software
Download data from RUGOSURF 20	✓	✓
Print results	✓	✓
Visualisation of the results (parameters, profiles)		✓
Calculation of roughness parameters		✓
Statistical analysis		✓
Creation and storage of measurement programs		✓
Customisable measurement reports		✓

Free download
Data Connection tool



<http://go.HexagonMI.com/DataConnectionTool>

BEST PRICE!
-30%

TESA-HITE MOTORISED HEIGHT GAUGE

Easy-to-use height gauge designed for fast and reliable 1D and 2D measurement... at prices never seen before!



Order number	Designation	Max. errors (μm)*	Repeatability (μm)	List price (€)	Promo price (€)
00730045	TESA-HITE +M 400	2,5 + 3 L	Flat: < 1, bore: < 2	5611	3899
00730046	TESA-HITE +M 700	2,5 + 3 L	Flat: < 1, bore: < 2	6135	4295
00730057	TESA-HITE +M 400 + printer	2,5 + 3 L	Flat: < 1, bore: < 2	5990	4199
00730058	TESA-HITE +M 700 + printer	2,5 + 3 L	Flat: < 1, bore: < 2	6526	4595

* L in m

TESA VERIBOR SET, HIGH PRECISION BORE GAUGES FOR TWO-POINT MEASUREMENT

The best choice for inside diameters form and shape errors detection, thanks to its mechanism practically without play

Order number	Application range (mm)	List price (€)	Promo price (€)
05710012	4,5 ÷ 6	1491	990
05710013	6 ÷ 12,5	1077	750
05710014	12 ÷ 25	598	420
05710015	25 ÷ 50	645	460
05710016	50 ÷ 150	759	550
05710017	240 ÷ 550	1671	1250
05710018	50 ÷ 300	1052	730



Suitable indicators for TESA VERIBOR bore gauges:

TESA INDICATORS

TESA dial gauge:

Great durability thanks to the anti-shock system

TESA DIGICO 705:

Allows setting of the indicator to the smallest setting ring value

Order number	Designation	Reading (mm)	Max. errors (μm)	Repeatability (μm)	List price (€)	Promo price (€)
01412511	TESA dial gauge	0,001	5	1	389	289
01930258	DIGICO 705 MI	0,001	4	2	488	338



ELECTRONIC PROBES AND TESATRONIC DISPLAY UNITS

GT21 and GT22:

Excellent repeatability, durability and longevity

TESATRONIC display units:

Intelligent display units (digital and analogue) for 1 or 2 inductive probes

Order number	Designation	Reading (mm)	Max. errors (μm)*	Repeatability (μm)	List price (€)	Promo price (€)
03210904	GT21	0,001	0,2 + 3 L ³	0,01	338	259
03210924	GT22	0,001	0,2 + 3 L ³	0,01	349	269
Order number	Designation	Measuring ranges	Memory	Dyn. measurement	List price (€)	Promo price (€)
04430009	TESATRONIC TT20	Programmable	-	-	1390	1110
04430010	TESATRONIC TT60	Programmable	✓	✓	1930	1390



FROM
1110€

* L in mm

TESA μ -FINDER SET 31 AND SET 22

The mobile high precision set for quality control and service in the practical transport case



01639007

Order number	Designation	List price (€)	Promo price (€)
04430013P1	TESA μ -Finder set 31	2144	1699
Contains:			
04430013	TESA TWIN-T10 display unit	1217	995
03210802	GT 31 lever probe	763	595
01639007	Magnetic stand INTERAPID UJ15	139	115
04430013P2	TESA μ -Finder set 22	1755	1379
Contains:			
04430013	TESA TWIN-T10 display unit	1217	995
03210924	GT 22 axial probe	349	269
01639007	Magnetic stand INTERAPID UJ15	139	115



04430013



<http://go.hexagonmi.com/TWIN-T10video>



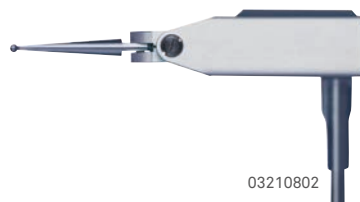
04430013P2



04430013P1



03210924



03210802



03210904

TESA IMICRO SETS WITH ANALOGUE INDICATION

The only internal micrometer that respects the Abbe's principle



00812300

Order number	NB of instruments	Application range (mm)	Setting rings (size mm)	Extension Length (mm)	List price (€)	Promo price (€)
00813409	4	3,5 ÷ 6,5	2 (4; 5,5)	-	2855	2285
00810000	3	6 ÷ 12	2 (8; 10)	1 (100)	1464	1100
00810800	3	11 ÷ 20	2 (11; 17)	1 (150)	1690	1270
00811500	4	20 ÷ 40	2 (25; 35)	1 (150)	2420	1815
00812300	6	40 ÷ 100	3 (50; 70; 90)	1 (150)	5055	3790



THE ABBE'S PRINCIPLE

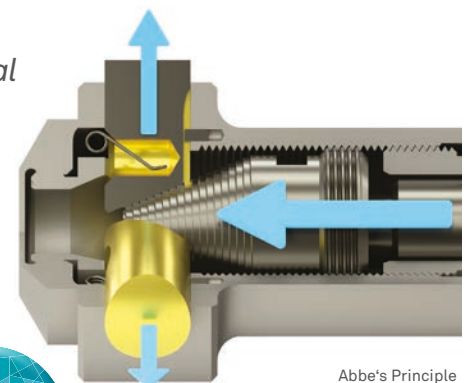
Each TESA IMICRO internal micrometer conforms precisely to the Abbe's principle.

Ernst Abbe formulated in 1893, the following principle:

"The length to be measured on the workpiece and that of the material measure to be used for comparison must be lying on a same axis."

Respecting the Abbe's principle allows to:

- avoid errors of the first instance to occur
- guarantee that the entire measuring force of the instruments is transmitted to the measuring bolts



Abbe's Principle

**TICKETS
FOR
FREE***

VISIT US AT CONTROL TRADE FAIR

Quality Makes the Difference

24.04. – 27.04.2018 Messe Stuttgart (Germany) at booth 5-5400

* Visit our website for free tickets



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