



TESA measurement tools and solutions
Perfection down to the detail for every user

Valid until 31.12.2017
Prices exclude VAT
Version B&S - EN - USD

TESA MICRO HITE

Motorized or manual – the ultimate reference

With adjustable hybrid multi-user panel
(touch screen + keyboard)



SCS-certificate included: Instrument ready for
immediate use



Efficient determination of the culmination points
with the LED control light





<http://go.hexagonmi.com/MICRO-HITEvideo>

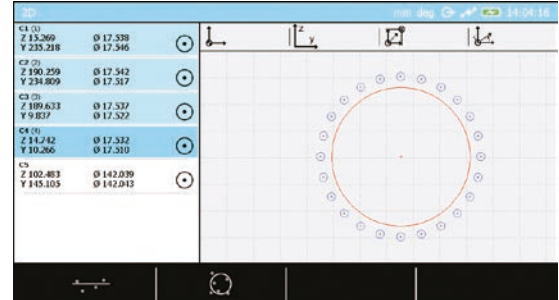
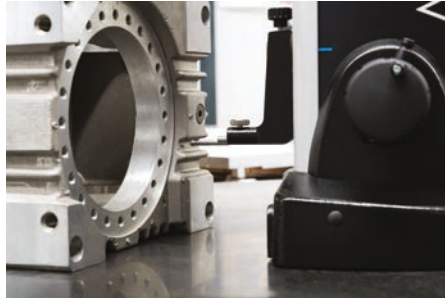
NEW!

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

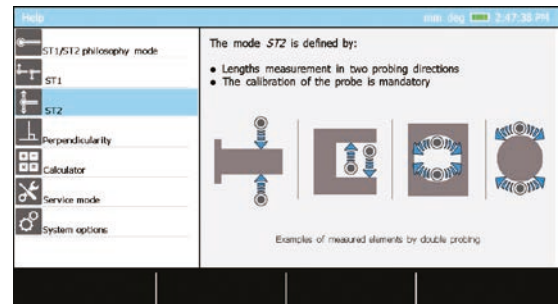


Warranty conditions on our website

Finally, easy 2D-measurement due to clear graphic visualization



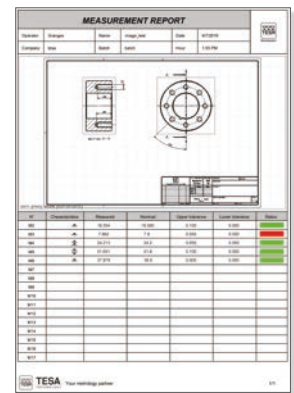
Context-based help – intelligent user follow-up



Easy data transfer to USB stick / printer / PC

NEW!

Generate a pdf measuring report directly from the programme



Order number	EDP	Designation	List price (\$)
00730073		MICRO-HITE 350 manual	8500
00730074		MICRO-HITE 600 manual	9000
00730075		MICRO-HITE 900 manual	11100
00730076		MICRO-HITE 350F manual, fine adjustment	8900
00730077		MICRO-HITE 600F manual, fine adjustment	9500
00730078		MICRO-HITE 900F manual, fine adjustment	11500
00730079		MICRO-HITE+M 350 motorized	8900
00730080		MICRO-HITE+M 600 motorized	9500
00730081		MICRO-HITE+M 900 motorized	11500

Compatible with



TESA-HITE MAGNA THE HEIGHT GAUGE FOR HARSH CONDITIONS

Easy-to-use height gauge designed for fast and reliable 1D measurements



Order number	EDP	Designation	Application range (mm)	Maximum permissible errors (µm)	Repeatability limit (µm)	List price (\$)	Promo price (\$)
00730047	28260	TESA-HITE magna 400	0 ÷ 570	< 8	On flat: 2σ = < 3 Into bore: 2σ = < 5	3350	2777
00730059	28261	TESA-HITE magna 700	0 ÷ 870	< 8	On flat: 2σ = < 3 Into bore: 2σ = < 5	3950	3222



TESA TWIN-CAL SYSTEM

With integrated data connection and big display for clear reading

Order number	EDP	Designation	Measuring range (in)	Thumb roller	Depth rod	List price (\$)	Promo price (\$)
00590302	47236	TWIN-CAL IP67	0 ÷ 6	✓	●	199	149
00590303	47237	TWIN-CAL IP67	0 ÷ 6	✓	■	199	149
00590304	47238	TWIN-CAL IP67	0 ÷ 8	✓	■	276	199
00590305	47239	TWIN-CAL IP67	0 ÷ 12	✓	■	379	288
00590092	47473	TWIN-CAL	0 ÷ 6	✓	●	143	95
00590093	47474	TWIN-CAL	0 ÷ 6	✓	■	143	95
00590094	47475	TWIN-CAL	0 ÷ 8	✓	■	196	139
00590095	47476	TWIN-CAL	0 ÷ 12	✓	■	276	189

NEW!
Data collection
now possible with
Q-DAS software



TESA μ -FINDER SET 31 AND SET 22

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

1555\$



04430013P2

1888\$



04430013P1

Order number	EDP	Designation	List price (\$)	Promo price (\$)
04430013P1		TESA μ Finder Set 31	2476	1888
Contains:				
04430013	45612	TESA TWIN-T10 display unit		
03210802	86188	GT 31 lever probe		
01639007	88386	Magnetic support INTERAPID UJ15		
04430013P2		TESA μ Finder Set 22	2027	1555
Contains:				
04430013	45612	TESA TWIN-T10 display unit		
03210924	41010	GT 22 probe		
01639007	88386	Magnetic support INTERAPID UJ15		



INTRIMIK CAPA μ SYSTEM WITH DIGITAL DISPLAY

A successful combination of the patented TESA capacitive system with the IMICRO unique cone.

Especially attractive workshop combination

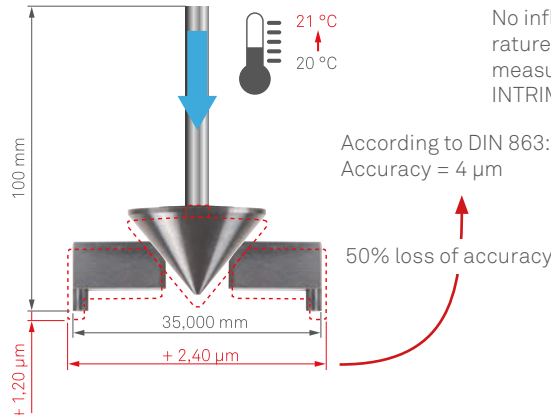
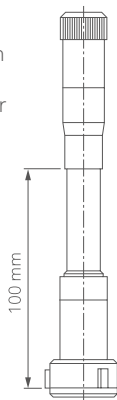


06190233

Order number	EDP	Application range (in)	Number Measuring heads	Measuring range (in)	Number Setting rings	Diameter (in)	Extensions	Length (in)	List price (\$)	Promo price (\$)
Contains:										
06190231	27538	.240 ÷ .480	06160024	.236 ÷ .315	00860102	.315	00840001	3.94	2096	1666
			06160025	.315 ÷ .394	00860103	.394				
			06160026	.394 ÷ .472						
06190232	27539	.430 ÷ .790	06160027	.433 ÷ .55	00860104	.433	00840301	5.9	2241	1777
			06160028	.55 ÷ .670	00860105	.670				
			06160029	.670 ÷ .787						
06190233	27540	.790 ÷ 1.58	06160030	.787 ÷ .984	00860106	.984	00841100	5.9	3071	2444
			06160031	.984 ÷ 1.18	00860107	1.38				
			06160032	1.18 ÷ 1.38						
			06160033	1.38 ÷ 1.58						
06190234	27541	1.58 ÷ 3.95	06160034	1.58 ÷ 1.97	00860108	1.97	00841800	5.9	6198	4999
			06160035	1.97 ÷ 2.36	00860109	2.75				
			06160036	2.36 ÷ 2.75	00860110	3.54				
			06160037	2.75 ÷ 3.15						
			06160038	3.15 ÷ 3.54						
			06160039	3.54 ÷ 3.95						

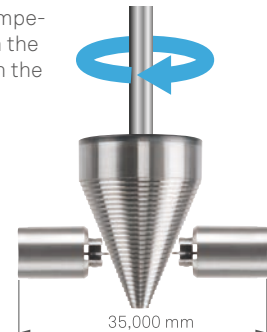
Other manufacturers

Influence of the temperature variation with internal micrometer manufactured by other manufacturers



No influence of temperature variation on the measurement with the INTRIMIK

INTRIMIK



TESA INTERAPID 312 LEVER TYPE DIAL TEST INDICATOR

Jewelled movement with rubies and with angular position of 12° for precise measuring
Low measuring force of 0,12 N and large measuring range



074111370

Order number	EDP	Measuring range (in)	Scale division (in)	Dial (Ø in)	List price (\$)	Promo price (\$)
074111370	42774	.060	.0005	1-1/2	278	222
074111371	86150	.060	.0005	1-1/5	276	222
074111372	41680	.016	.0001	1-1/2	342	277
074111373	41681	.016	.0001	1-1/5	347	277
074111965	41716	.060	.0005	1-1/2	389	313
074111374	41682	.060	.001	1-1/5	281	222

TESA INTERAPID 312 PERPENDICULAR MODEL

Order number	EDP	Measuring range (in)	Scale division (in)	Dial (Ø in)	List price (\$)	Promo price (\$)
074111377	41685	.060	.0005	1-1/2	296	239
074111378	41686	.060	.0005	1-1/5	291	233



074111377

FULL TESA INTERAPID 312 SETS WITH ACCESSORIES

Full sets consist of:

Order number	EDP	Description
		TESA INTERAPID 312 dial test indicators as shown in the table hereafter
074106331	41651	Height gage bar with clamp
074108943	51665	Reducing sleeve, in
074108942	51664	Adapter sleeve 5/32" - 3/8"
074106931	41656	Axial support - .375 stem
074106026	41650	Axial support - 8 mm stem
074111474	41688	Case for contact points
01860307	40555	Contact point wrench

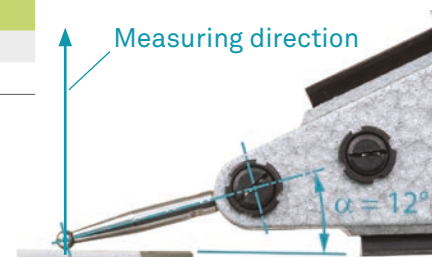


074111508

Order number	EDP	Description	List price (\$)	Promo price (\$)
074111508	41706	074111370 & set	386	299
074111509	41707	074111371 & set	381	289

Stylus insert with angular position of 12°

All models INTERAPID 312 are designed to give a true reading when the angle between the stylus and the workpiece surface is 12° (see illustration).



PORTABLE – ROBUST – EASY TO USE

15 mostly used roughness parameters

Order number	EDP	Designation	List price (\$)	Promo price (\$)
06930013	47126	TESA RUGOSURF 20	2450	1799
06960034	23126	RUGOSOFT Software	678	555
06960056	29453	100 mm Probe extension	549	444
04760099	47177	Cable to PC RUGOSURF 20	29	29



NEW!
Design

NEW!

2µm
stylus tip
radius



06930013

Delivered with 2,97µm roughness standard



Download data and print results

**NEW! Free download
Data Connection tool**

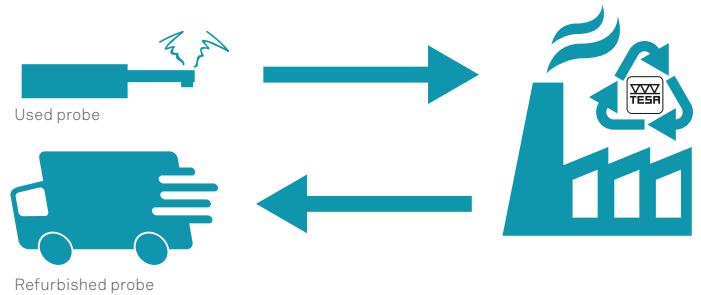


<http://go.HexagonMI.com/DataConnectionTool>

RUGOSURF PROBE NEEDS TO BE EXCHANGED?

Cost-effective replacement with a refurbished probe, available from stock!

Contact tesa.service@hexagon.com



Do you have questions concerning a product, special versions or metrology solutions?
The team of Swiss specialists are there for you!
tesa.service@hexagon.com / +41 (0)21 633 18 40

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