



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>

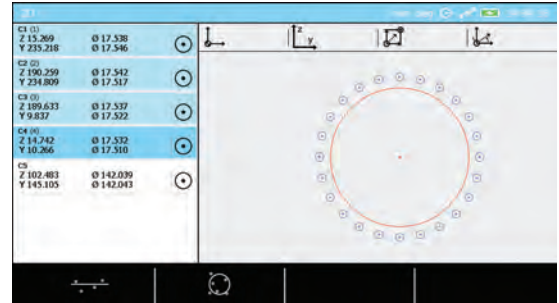
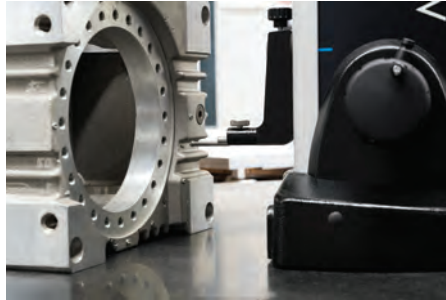
## NEW!

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

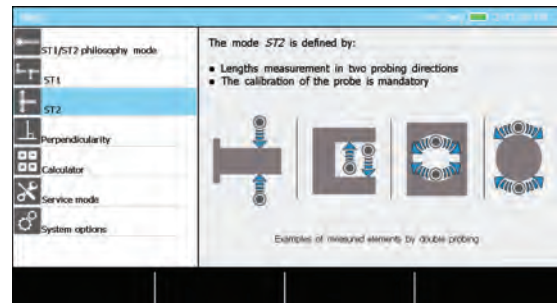


Warranty conditions on our website

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



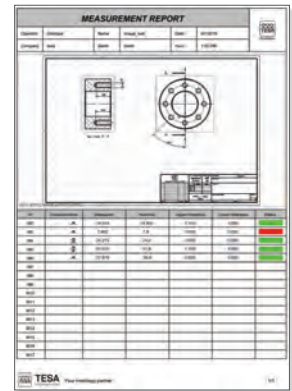
Context-based help – intelligent user follow-up



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 GAGE FOR HARSH CONDITIONS

Easy-to-use height gage 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	<b>2777</b>
00730059	28261	TESA-HITE magna 700	0 ÷ 870	< 8	On flat: 2σ = < 3 Into bore: 2σ = < 5	3950	<b>3222</b>



## 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	<b>149</b>
00590303	47237	TWIN-CAL IP67	0 ÷ 6	✓	■	199	<b>149</b>
00590304	47238	TWIN-CAL IP67	0 ÷ 8	✓	■	276	<b>199</b>
00590305	47239	TWIN-CAL IP67	0 ÷ 12	✓	■	379	<b>288</b>
00590092	47473	TWIN-CAL	0 ÷ 6	✓	●	143	<b>95</b>
00590093	47474	TWIN-CAL	0 ÷ 6	✓	■	143	<b>95</b>
00590094	47475	TWIN-CAL	0 ÷ 8	✓	■	196	<b>139</b>
00590095	47476	TWIN-CAL	0 ÷ 12	✓	■	276	<b>189</b>

**NEW!**  
Data collection  
now possible with  
Q-DAS software



# TESA $\mu$ -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 $\mu$ Finder Set 31	2476	<b>1888</b>
<b>Contains:</b>				
04430013	45612	TESA TWIN-T10 display unit		
03210802	86188	GT 31 lever probe		
01639007	88386	Magnetic support INTERAPID UJ15		
04430013P2		TESA $\mu$ Finder Set 22	2027	<b>1555</b>
<b>Contains:</b>				
04430013	45612	TESA TWIN-T10 display unit		
03210924	41010	GT 22 probe		
01639007	88386	Magnetic support INTERAPID UJ15		



# INTRIMIK CAPA $\mu$ SYSTEM WITH DIGITAL DISPLAY

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

Especially attractive workshop combination

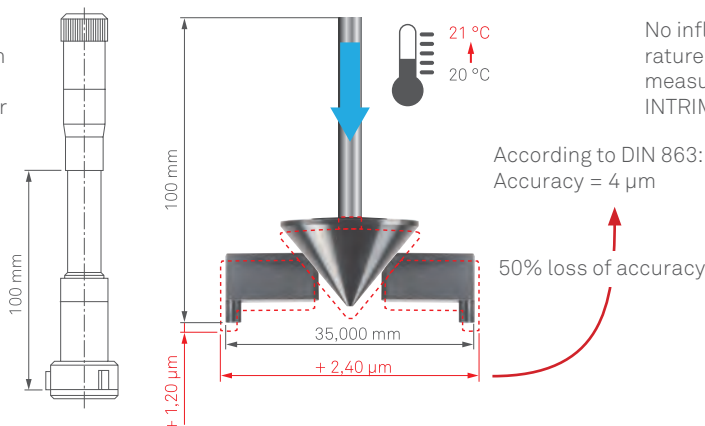


06190233

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	<b>1666</b>
			06160025	.315 ÷ .394	00860103	.394				
			06160026	.394 ÷ .472						
06190232	27539	.430 ÷ .790	06160027	.433 ÷ .55	00860104	.433	00840301	5.9	2241	<b>1777</b>
			06160028	.55 ÷ .670	00860105	.670				
			06160029	.670 ÷ .787						
06190233	27540	.790 ÷ 1.58	06160030	.787 ÷ .984	00860106	.984	00841100	5.9	3071	<b>2444</b>
			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	<b>4999</b>
			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						

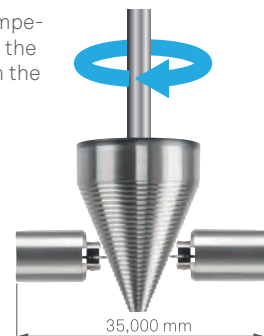
## Other manufacturers

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



## INTRIMIK

No influence of temperature variation on the measurement with the 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



07411370

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

# 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	<b>239</b>
074111378	41686	.060	.0005	1-1/5	291	<b>233</b>



07411377

# 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 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

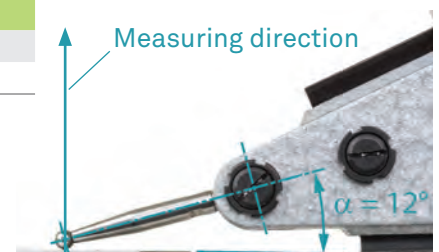


074111508

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

*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	<b>1799</b>
06960034	23126	RUGOSOFT Software	678	<b>555</b>
06960056	29453	100 mm Probe extension	549	<b>444</b>
04760099	47177	Cable to PC RUGOSURF 20	29	<b>29</b>



**NEW!**  
Design

**NEW!**

2µm  
stylus tip  
radius



Delivered with 2,97µm roughness standard



Download data and print results

**NEW! Free download  
Data Connection tool**

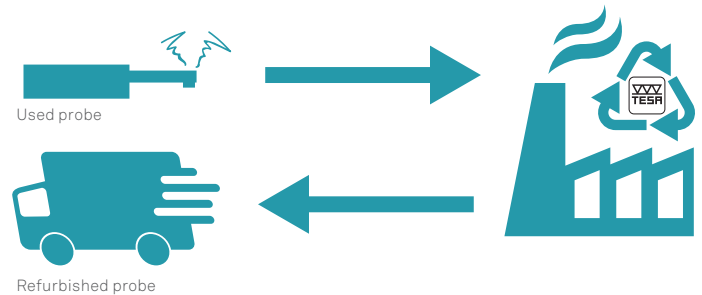


<http://go.HexagonMI.com/DataConnectionTool>

RUGOSURF PROBE NEEDS TO BE EXCHANGED?

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

Contact [tesa.service@hexagon.com](mailto:tesa.service@hexagon.com)



For questions regarding service, special applications and gaging solutions we can help!

Contact [douglas.dion@hexagon.com](mailto:douglas.dion@hexagon.com) / 401-886-2283.

Our Swiss team of experts can also assist you and can be reached at [tesa.service@hexagon.com](mailto:tesa.service@hexagon.com)

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