



VERSION 06 - EN - EURO

THIS OFFER LASTS UNTIL 30.04.2009
VAT EXCLUDED

**WHEN YOU NEED TO BE SURE
ABOUT YOUR MEASURING
INSTRUMENT, EVEN IN THE PRESENCE
OF DUST AND LIQUIDS**

TESA-HITE Magna 400/700

No 00730047: 415 mm

No 00730059: 715 mm

Max. perm. error to 8 μm /0.0003 in

Repeatability to 3 μm /0.00015 in

~~00730047
2413~~
€1950

~~00730059
3019~~
€2430

With thumb roller

~~01930232
320~~
€263

~~00530300
144~~
€116

TESA-Cal IP67 150 mm
(No 00530301 with thumb roller)

TESA Micromaster 0 ÷ 30 mm - IP54

~~06030020
239~~
€192

Digico 305 MIE

12,5 mm - 0,001 mm - mm/in - IP54

Buy a TESA DIGICO 305 and
get your free USB 2 1GB key!

Supplied with TESA DataDirect and StatExpress
already installed for demonstration purposes

HEXAGON METROLOGY

www.tesabs.ch



00517025
~~29~~
€ 23.50

ROCH Vernier Caliper

150 mm – 0,02 mm

00510008
~~106~~
€ 85

TESA CCMA Dial Caliper

150 mm – 0,02 mm – 2 mm /tr.

**WHEN YOU NEED
TO BE SURE
OF THE BEST
PRICE/PERFORMANCE
RATIO**



00119046
~~50~~
€ 40

ETALON BASIC External Micrometers

Order number	Measuring range mm	List prices €	SPECIAL prices €
00119046	0 ÷ 25	50	40
00119047	25 ÷ 50	73	59
00119048	50 ÷ 75	81	65
00119049	75 ÷ 100	106	85



TESA SwissTAST Dial Test Indicators (lever-type)

0,01 mm – Measuring span 0,8 mm

No 01811001 : 0,002 mm – 38 mm dia.

No 01811000 : 0,01 mm – 28 mm dia.

2 mm diameter ruby ball tip

01811001
~~133~~
€ 107

01811000
~~103~~
€ 83



ETALON Dial Gauges

No 01419048 :

0,01 mm – Meas. span 10 mm – 58 mm dia.

No 01419047 :

0,01 mm – Meas. span 5 mm – 40 mm dia. –

Shockproof design

01419048
~~51~~
€ 40.50

01419047
~~84~~
€ 68



06519010
~~615~~
€ 492

ETALON Gauge Block Sets

With COFRAC calibration certificate (equivalent to SCS, DKD, SIT, UKAS among others)

Order number	Number of blocks	Accuracy grade	List prices €	SPECIAL prices €
06519010	32	1	615	492
06519011	32	2	522	418
06519012	47	1	848	679
06519013	47	2	744	596
06519014	88	1	1409	1128
06519015	88	2	1176	941



HIT



TESA ShopCal

150 mm

00530090
~~99~~
€ 80



06030010
~~207~~
€ 145



TESA Micromaster Easy

0 ÷ 30 mm

Digico 205

12,5 mm – 0,01 mm
No 01910230: mm
No 01930230: mm/in

Digico 305

12,5 mm – 0,001 mm
No 01910231: mm
No 01930231: mm/in



01910230 / 01930230
~~183~~
€ 151

01910231 / 01930231
~~295~~
€ 242

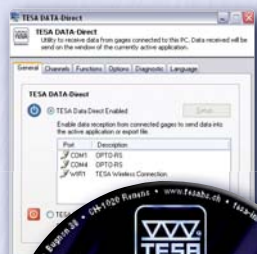


**BUY A TESA DIGICO 205 OR 305
AND GET YOUR FREE USB 2 1GB KEY!**

**COMES WITH TESA DATADIRECT
AND STATEXPRESS FOR EVALUATION
PURPOSES**

TESA DataDirect

Software for data acquisition



04981001
~~465~~
€ 419

TESA StatExpress

Software for statistical analysis



04981002
~~1031~~
€ 980

TESA Spacer 100

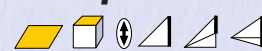


100 m



01130010
~~339~~
€ 238

TESA Spacer 200



200 m



01130020
~~444~~
€ 311

**WHEN YOU NEED TO
BE SURE ABOUT YOUR
MEASUREMENTS, WHICHEVER
PROBE EXTENSION IS USED**



Order number	Motorised	Description	Measuring span mm / in	Max. perm. error $\mu\text{m} / \text{in}$ L in m / L in inch	Repeatability (2 σ) $\mu\text{m} / \text{in}$
00730043	—	TESA-HITE 400	415 / 16	2,5 + 4 • L / 0.0001 + 0.000004 • L	2 / 0.0001
00730045	•	TESA-HITE plus M 400	405 / 16	2,5 + 3 • L / 0.0001 + 0.000003 • L	1 / 0.00005
00730057	•	TESA-HITE plus M 400 + Printer	405 / 16	2,5 + 3 • L / 0.0001 + 0.000003 • L	1 / 0.00005
00730034	—	MICRO-HITE 600	615 / 24	2 + 3 • L / 0.0001 + 0.000003 • L	2 / 0.0001
00760163	—	Power Panel			
00730064	•	MICRO-HITE plus M 600	615 / 24	2 + 1,5 • L / 0.0001 + 0.0000015 • L	0,5 / 0.00005
00760216	—	1D Control Panel			
00760221	—	2D Power Panel plus M			
00760220	—	2D Power Panel plus M + Printer			



00730034-00760163
~~6726~~
€5770



00730064-00760221
~~6455~~
€5140



00760148
~~2173~~
€980

TESA-HITE and MICRO-HITE ACCESSORY SET

Order number	Description	List price €	SPECIAL price €
00760148	Full accessory set in a suited case	2173	980

1D Power Panel

2D Power Panel



00760216
~~603~~
€420



00760221
~~1057~~
€720

List prices €	SPECIAL prices €
3508	2830
5049	4170
5396	4380
5669	4830
1057	940
5398	4420
603	420
1057	720
1391	930

**WHEN YOU NEED
TO BE SURE ABOUT
THE HARDNESS OF
YOUR WORKPIECES**



ETALON DUROMASTER HARDNESS TESTER

ETALON Duromaster P100

Portable hardness tester, also compactly sized and easy-to-use. Value acquisition in any position of use. Direct reading of displayed value.

- Convenient for all types of materials
- Precision to ± 1 HRC
- Made to measure hardness on workpieces with a thickness as low as 80 μm
- Suitable for uneven or curved surfaces

Hardness values :

- Rockwell (HRA, HRB, HRC)
- Rockwell Superficial (HR 15N, HR 30T)
- Brinell (HB 5, HB 30) – Vickers (HV)

ETALON Duromaster 200R / 200RB

Robust, easy-to-use hardness tester.

ETALON Duromaster 300

Universal hardness tester, fully automated and easy to operate. Built to test all types of materials. Uses a sensor to check the test force.

On-line help for easy selection of hardness tests also available.



	Duromaster 200R N° 06931002	Duromaster 200RB N° 06931003	Duromaster 300 N° 06931004
Pre-load	10 kgf (98,1 N)	10 kgf (98,1 N)	3 ÷ 10 kgf (29,4 ÷ 98,1 N)
Hardness values	Rockwell – Vickers*	Rockwell – Brinell – Vickers*	Rockwell – Rockwell Superficial – Brinell – Vickers*
Load application	Manual	Manual	Automatic
Thickness of tested materials	Hard ≥ 1 mm – Soft ≥ 4 mm	Hard ≥ 1 mm – Soft ≥ 4 mm	Hard $\geq 0,5$ mm – Soft ≥ 2 mm

* Indentations are measured using a measuring microscope (not included in delivery scope)



HIT



**WHEN YOU NEED
TO BE SURE ABOUT YOUR
SURFACE PROFILE AND ROUGHNESS**



06930010
~~2182~~
€1790



06930011P
~~3024~~
€2424



06930012P
~~7029~~
€5815

TESA-RUGOSURF 10

Measuring span: X = 16 mm, Z = 160 µm
International standards: ISO 4287 / JIS B0601 /
ISO 12085 (CNOMO-MOTIF)

TESA Rugosurf 10G + Free Rugosoft Software

Measuring span: X = 16 mm, Z = 300 µm
International standards: ISO 4287 / JIS B0601 /
PrEN 10049 / ISO 13565 / DIN 4776 / DB N3 1007 /
ISO 12085 (CNOMO-MOTIF)

TESA Rugosurf 90G in a Set + Free Measurement Studio Software

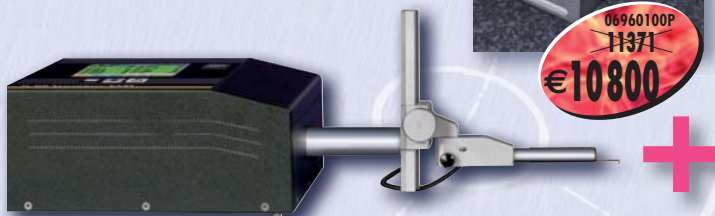
Measuring span: X = 50 mm, Z = 1000 µm
International standards: ISO 4287 / JIS B0601 /
PrEN 10049 / ISO 13565 / DIN 4776 / DB N3 1007 /
ISO 12085 (CNOMO-MOTIF)

TESA Profile Set 2 mm

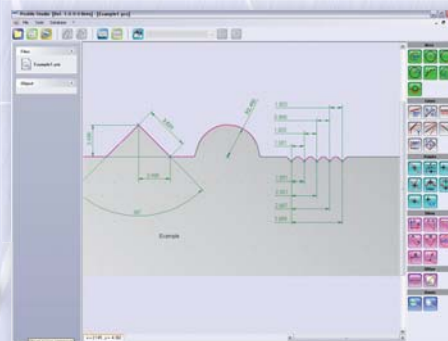
Ultimate solution for profile measurement up to
2 mm (Z) – 50 mm (X)

Full set includes:
Rugosurf 90 G + Profile 2 mm

- Calibration test block
- Software for profile measurement
- SB2000 probe, Z = 2 mm
- USB cable



06960100P
~~11371~~
€10800

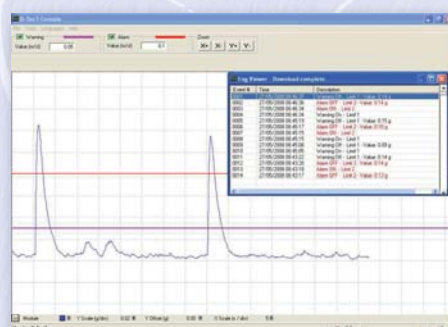


TESA D-TECT Sensitive Shock Detector

Ideal for use in rooms and laboratories dedicated to dimension-
al inspection. Any type of shocks and impacts affecting the
accuracy of your measurements will be detected, documented
and appropriately reported, visually and acoustically.



05332001
~~2704~~
€2434





06830041
~~9817~~
€ 7854



06830051
~~10291~~
€ 8233

Optical measurement is one of TESA's strengths. Each TESA-SCOPE profile projector utilises state-of-the-art components ensuring reliable motion and high-quality image.

Order number	Description	Measuring table 200 x 100 mm 8 x 4 in	TS100	List prices €	SPECIAL prices €
06830041	TESA-Scope II 300V – TS100			9 817	7 854
06830051	TESA-Scope II 355H – TS100			10 291	8 233

The objectives must be ordered separately.



06869100
~~620~~
€ 496

PLASTIFORM

These products are used for print molding of complex internal form and shapes measured on a TESA-SCOPE profile projector.



Order number	Description	List price €	SPECIAL price €
06869100	Plastiform suited case	620	496

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