



TECHNOLOGY

**VALID UNTIL 30.04.2012
ALL PRICES EXCLUDE VAT**

VERSION 21 - EN - €



WWW.TESABS.CH

Hits

Innovation and Prices

2012-1

High capacity, effective and ergonomic stations for component inspection thanks to TESA electronic probes equipped with a USB connection coupled with DATA-Direct and STAT-Express.

- Direct connection to the PC
- Up to ± 5 mm measuring span
- Statistics • Archiving

Every TESA probe with analogue output can be converted into a USB probe thanks to the adapters 03260500 or 03260501.



€
399



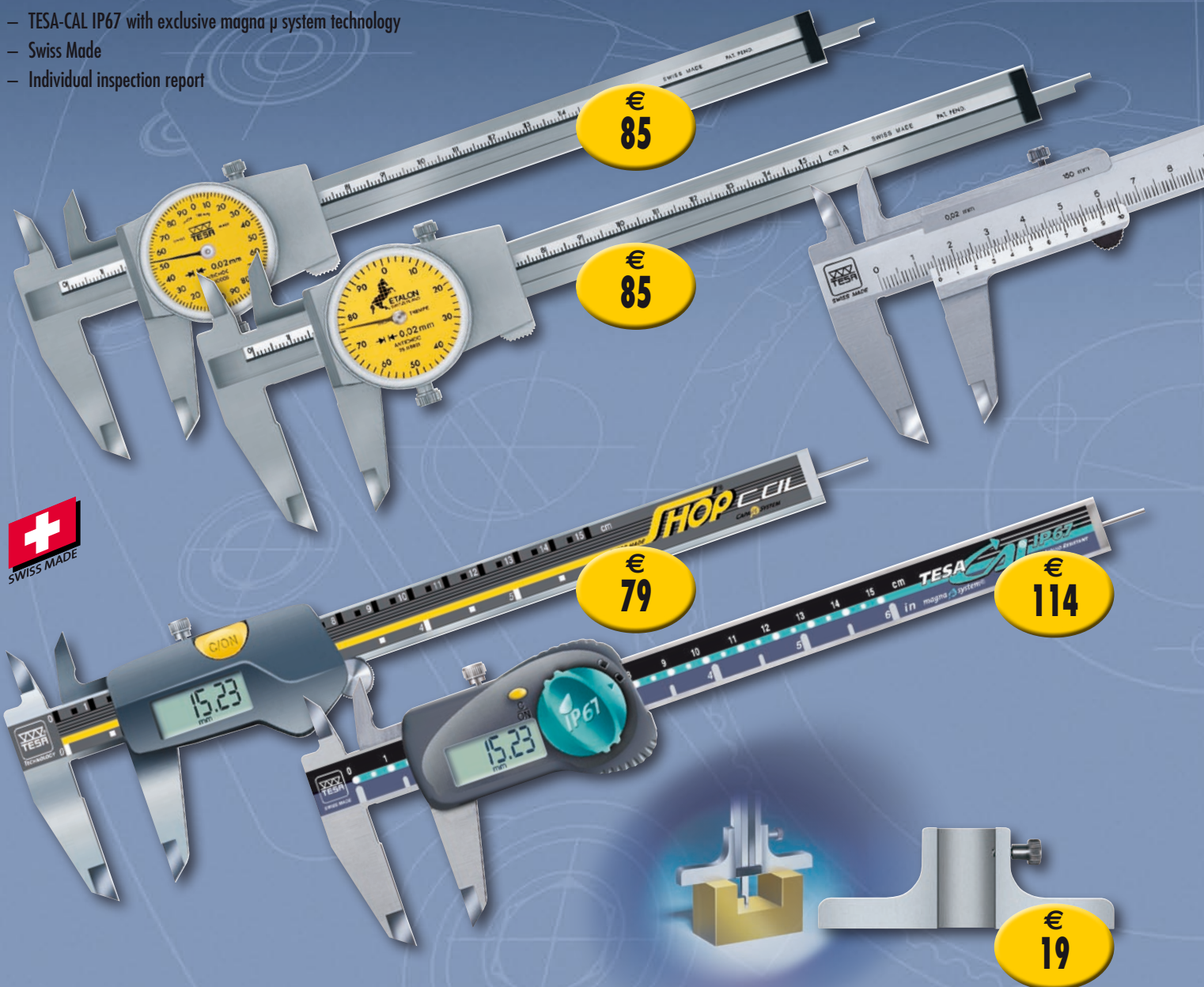
€
899



Order number	Description	Measuring range, mm	Max. perm. error, μm	Repeatability, μm	List price €	Special price €
03230200	GT21 USB Axial probe	± 2	$0,4 + 0,6 \cdot L$	$< 0,1$	512	399
03230204	GT16 USB Axial probe	± 5	$0,8 + 0,6 \cdot L$	$< 0,24$	618	489
03260500	USB adapter for axial probe ± 2 mm				333	199
03260501	USB adapter for axial probe ± 5 mm				333	199
04981001	DATA-Direct Software				518	399
04981002	STAT-Express Software				1147	899

TESA CALIPERS

- TESA-CAL IP67 with exclusive magna μ system technology
- Swiss Made
- Individual inspection report



Order number	Description	Measuring range		Thumb roller	List price €	Special price €
		mm	in			
00510041	Model with vernier, 0,02 mm	0 ÷ 150	—	—	62	45
00510047	Model with vernier, 0,05 mm	0 ÷ 150	—	—	62	45
00510008	CCMA dial caliper to 0,02 mm, 2 mm per revolution	0 ÷ 150	—	—	119	85
00510045	CCMA dial caliper to 0,02 mm, 2 mm per revolution	0 ÷ 200	—	•	223	149
075115821	ETALON 125 dial caliper to 0,02 mm, 1 mm per revolution	0 ÷ 150	—	—	119	85
00530091	SHOP-CAL IP40, 0,01 mm	0 ÷ 150	0 ÷ 6	•	110	79
00530092	SHOP-CAL IP40, 0,01 mm	0 ÷ 200	0 ÷ 8	•	165	99
00530093	SHOP-CAL IP40, 0,01 mm	0 ÷ 300	0 ÷ 12	•	225	139
00530300	TESA-CAL IP67, 0,01 mm	0 ÷ 150	0 ÷ 6	—	160	114
00530302	TESA-CAL IP67, 0,01 mm	0 ÷ 200	0 ÷ 8	•	248	199
00530303	TESA-CAL IP67, 0,01 mm	0 ÷ 300	0 ÷ 12	•	364	289
00560013	Depth foot for model 150 mm				29	19

TESA MICROMASTER

- 30 mm measuring span
- SCS calibration certificate
- Protected against the penetration of liquids to IP54



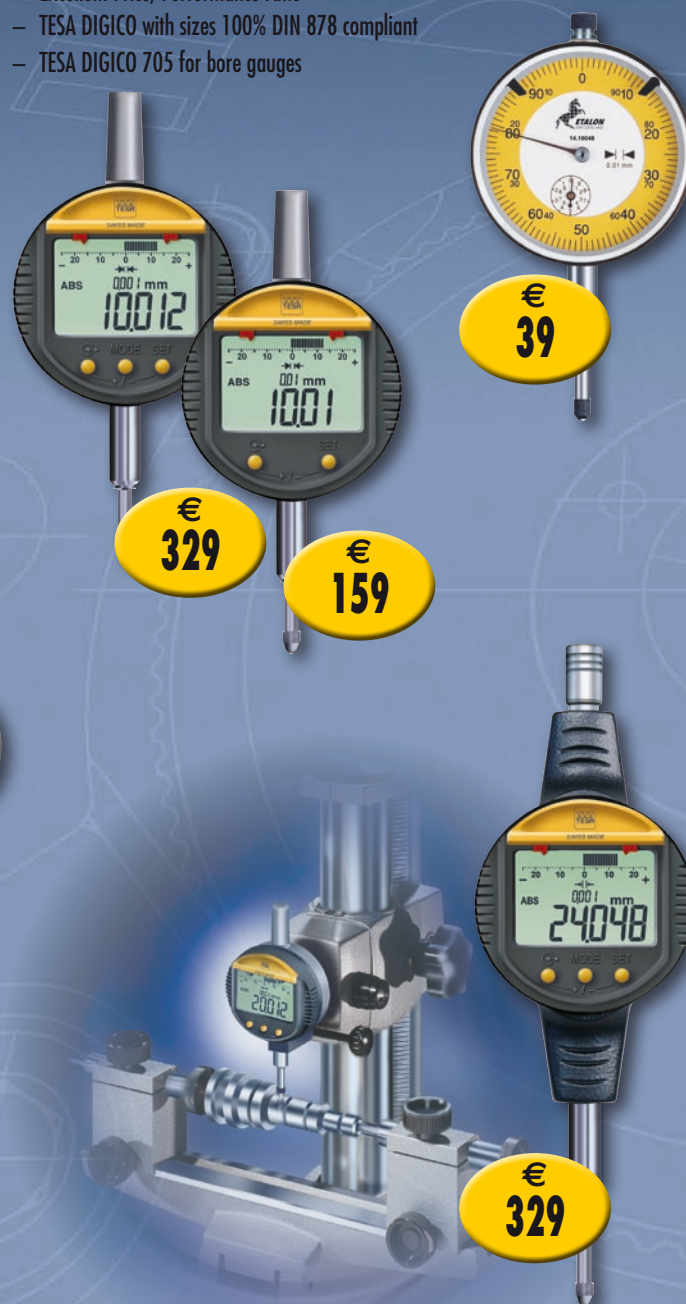
Order number	Description	Measuring range, mm	in	Max. perm. error μm	List price €	Special price €
06030020	MICROMASTER IP54	0 ÷ 30	0 ÷ 1.2	4	268	199
06030021	MICROMASTER IP54	25 ÷ 50	1 ÷ 2	4	325	245
06030022	MICROMASTER IP54	50 ÷ 75	2 ÷ 3	5	373	295
06030023	MICROMASTER IP54	75 ÷ 100	3 ÷ 4	5	425	335

ETALON ANALOGUE DIAL GAUGES TESA DIGICO ELECTRONIC INDICATORS

- Excellent Price/Performance ratio
- TESA DIGICO with sizes 100% DIN 878 compliant
- TESA DIGICO 705 for bore gauges

TESATAST AND INTERRAPID DIAL TEST INDICATORS

- Short or long measuring travel
- Fine construction, jewelled movement, ball bearings
- Reliable and robust



Order number	Description	Measuring range, mm	Scale interval, mm	List price €	Special price €
01810005	TESATAST, Ø 28	0,8	0,01	104	79
01810006	TESATAST, Ø 38	0,8	0,01	117	89
01810007	TESATAST, Ø 28	0,5	0,01	137	99
01810009	TESATAST, Ø 28	0,2	0,002	120	95
01810013	TESATAST lateral, Ø 28	0,2	0,002	228	169
01639007	UJ15 measuring stand			117	85
074111366	INTERRAPID 312, Ø 37,5	1,6	0,01	205	155
074111367	INTERRAPID 312, Ø 30	1,6	0,01	204	155
074111368	INTERRAPID 312, Ø 37,5	0,4	0,002	253	189
074111369	INTERRAPID 312, Ø 30	0,4	0,002	250	189

Order number	Description	Measuring range, mm	Resolution, mm	List price €	Special price €
01419048	Dial gauge, Ø 58	10	0,01	55	39
01419049	Dial gauge, Ø 58	30	0,01	162	109
01930230	DIGICO 205	12,5	0,01	204	159
01930231	DIGICO 305	12,5	0,001	328	249
01930241	DIGICO 410	25	0,01	389	299
01930251	DIGICO 510	25	0,001	428	329
01930256	DIGICO 605	12,5	0,001	415	315
01930258	DIGICO 705	12,5	0,001	428	329

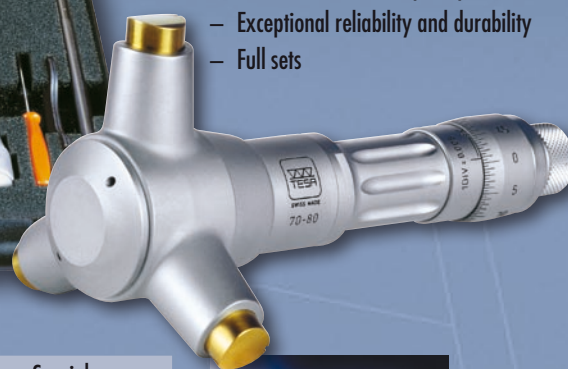
TESA INTERNAL MICROMETERS

HITS  5



TESA IMICRO WITH ANALOGUE INDICATION

- Self-centering and self-aligning
- Conform to the ABBE principle
- Exceptional reliability and durability
- Full sets

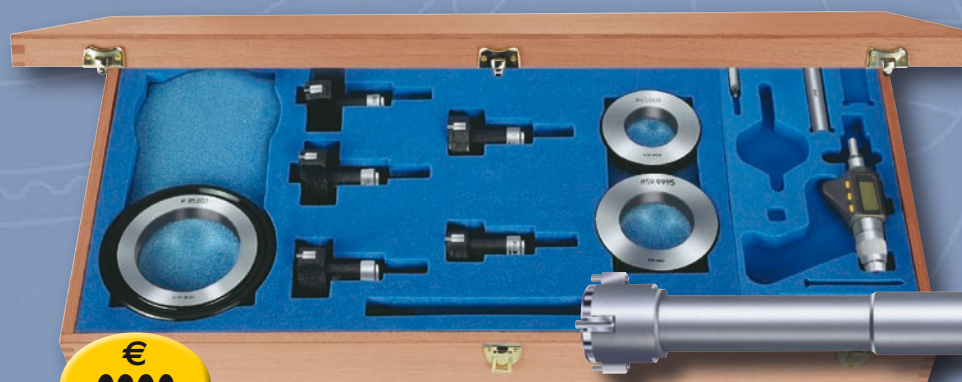


Order number	Description	Measuring range, mm	List price €	Special price €
00813409	TESA IMICRO, 4 single micrometers	3,5 ÷ 6,5	2033	1620
00810000	TESA IMICRO, 3 single micrometers	6 ÷ 12	1087	850
00810800	TESA IMICRO, 3 single micrometers	11 ÷ 20	1305	990
00811500	TESA IMICRO, 4 single micrometers	20 ÷ 40	1942	1490
00812300	TESA IMICRO, 6 single micrometers	40 ÷ 100	3645	2890

€
2890

TESA ALESOMETER WITH NUMERICAL INDICATION

- Made to measure blind bores from Ø 10 mm
- Partial sets

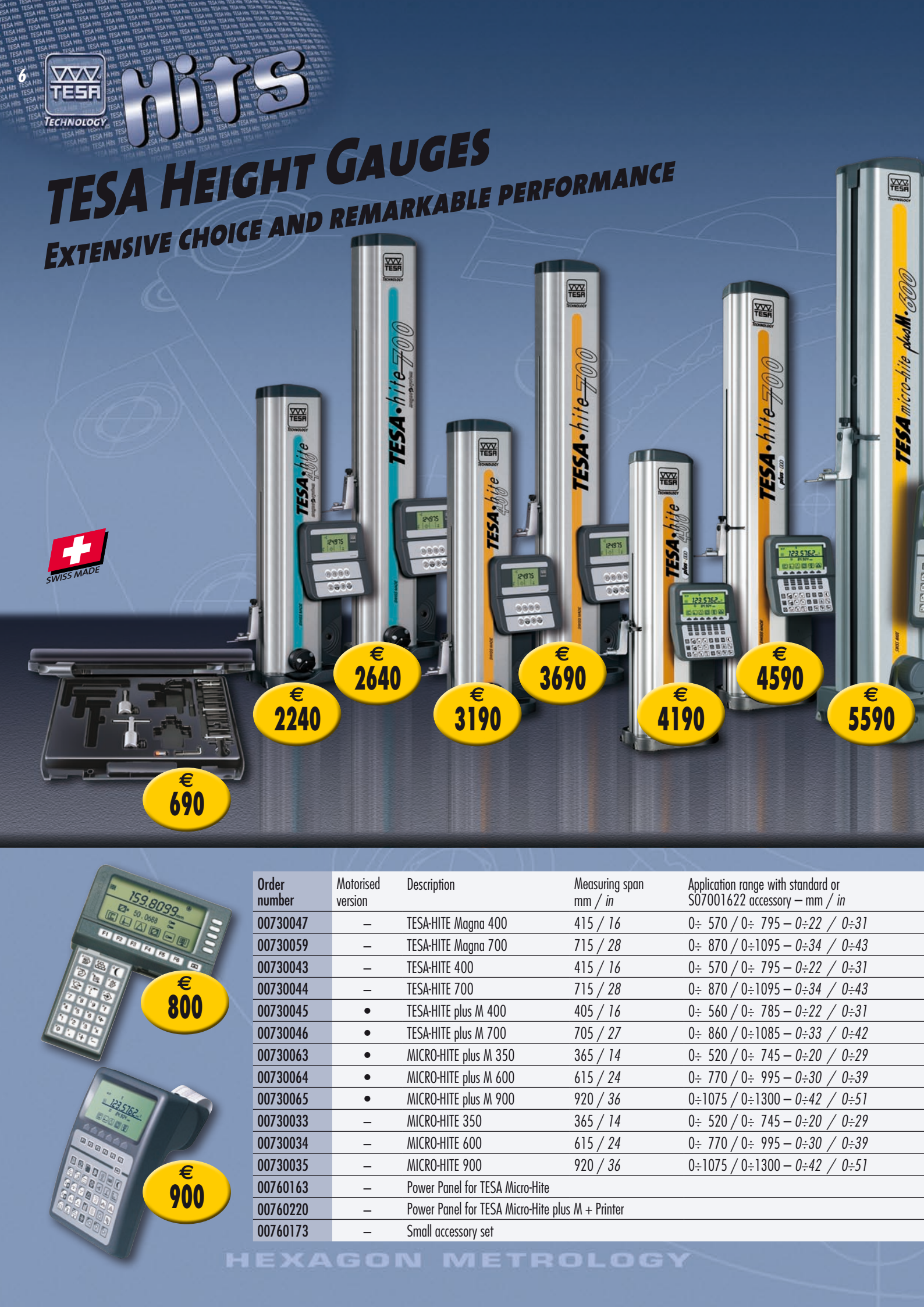


Order number	Description	Measuring range, mm	List price €	Special price €
06230100	TESA ALESOMETER	6 ÷ 10	1419	1090
06230110	TESA ALESOMETER	10 ÷ 20	1962	1490
06230111	TESA ALESOMETER	20 ÷ 40	2079	1650
06230112	TESA ALESOMETER	40 ÷ 100	3627	2890

€
2890



HEXAGON METROLOGY



HITE

TESA HEIGHT GAUGES

EXTENSIVE CHOICE AND REMARKABLE PERFORMANCE



€ 690

€ 2240

€ 2640

€ 3190

€ 3690

€ 4190

€ 4590

€ 5590

€ 800

€ 900

Order number	Motorised version	Description	Measuring span mm / in	Application range with standard or S07001622 accessory – mm / in
00730047	–	TESA-HITE Magna 400	415 / 16	0÷ 570 / 0÷ 795 – 0÷22 / 0÷31
00730059	–	TESA-HITE Magna 700	715 / 28	0÷ 870 / 0÷1095 – 0÷34 / 0÷43
00730043	–	TESA-HITE 400	415 / 16	0÷ 570 / 0÷ 795 – 0÷22 / 0÷31
00730044	–	TESA-HITE 700	715 / 28	0÷ 870 / 0÷1095 – 0÷34 / 0÷43
00730045	•	TESA-HITE plus M 400	405 / 16	0÷ 560 / 0÷ 785 – 0÷22 / 0÷31
00730046	•	TESA-HITE plus M 700	705 / 27	0÷ 860 / 0÷1085 – 0÷33 / 0÷42
00730063	•	MICRO-HITE plus M 350	365 / 14	0÷ 520 / 0÷ 745 – 0÷20 / 0÷29
00730064	•	MICRO-HITE plus M 600	615 / 24	0÷ 770 / 0÷ 995 – 0÷30 / 0÷39
00730065	•	MICRO-HITE plus M 900	920 / 36	0÷1075 / 0÷1300 – 0÷42 / 0÷51
00730033	–	MICRO-HITE 350	365 / 14	0÷ 520 / 0÷ 745 – 0÷20 / 0÷29
00730034	–	MICRO-HITE 600	615 / 24	0÷ 770 / 0÷ 995 – 0÷30 / 0÷39
00730035	–	MICRO-HITE 900	920 / 36	0÷1075 / 0÷1300 – 0÷42 / 0÷51
00760163	–	Power Panel for TESA Micro-Hite		
00760220	–	Power Panel for TESA Micro-Hite plus M + Printer		
00760173	–	Small accessory set		

NEW

DRIVE PULLEY

hits

TESA TECHNOLOGY

7



MPE, $\mu\text{m} / \text{in}$ L in m / L in in	Repeatability (2 σ) $\mu\text{m} / \text{in}$	Frontal, mechanical $\mu\text{m} / \text{in}$	List price €	Special price €
8 / 0.0003	3 / 0.00015	—	2778	2240
8 / 0.0003	3 / 0.00015	—	3257	2640
$2,5 + 4 \cdot L / 0.0001 + 0.000004 \cdot L$	2 / 0.0001	9 / 0.00035	3977	3190
$2,5 + 4 \cdot L / 0.0001 + 0.000004 \cdot L$	2 / 0.0001	13 / 0.0005	4740	3690
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	1 / 0.00005	8 / 0.00031	5455	4190
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	1 / 0.00005	12 / 0.00047	6163	4590
$1,9 + 1,5 \cdot L / 0.0001 + 0.0000015 \cdot L$	0,5 / 0.00005	5 / 0.0002	5254	4290
$1,9 + 1,5 \cdot L / 0.0001 + 0.0000015 \cdot L$	0,5 / 0.00005	7 / 0.00028	5833	4690
$1,9 + 1,5 \cdot L / 0.0001 + 0.0000015 \cdot L$	0,5 / 0.00005	9 / 0.00035	9115	7590
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	2 / 0.0001	13 / 0.0005	5396	4490
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	2 / 0.0001	7 / 0.00028	6125	4990
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	2 / 0.0001	9 / 0.00043	9570	7990
			1142	800
			1503	900
			967	690



Every TESA height gauge is delivered with an SCS calibration certificate produced in our measurement laboratory under controlled temperature at $20^\circ\text{C} \pm 0,1^\circ\text{C}$.

HEXAGON METROLOGY



HITS

TESA ROUGHNESS GAUGES

TESA RUGOSURF 20

New robust roughness gauge designed for any shop floor close to the production area

- Small size / Robust / Easy-to-use – X-Axis 16 mm, Z-Axis 400 µm
- 15 Roughness parameters with tolerances – Wide choice of accessories
- Portable printer or USB connection to the PC – Built-in memory

TESA RUGOSURF 90G

Versatile and compact roughness gauge for high-precision measurements on the shop floor as in the metrology lab

- Measuring spans: X = 50 mm, Z = 1000 µm
- Roughness parameters according to ISO / JIS / PrEN / ISO / DIN / DB / ASME international standards
- TFT graphical, tactile and coloured display screen, 3,5"
- Optional kit for measuring any profile up to 2 mm

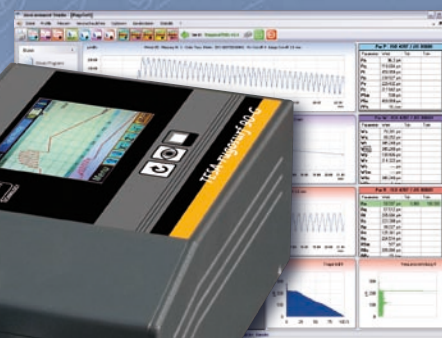
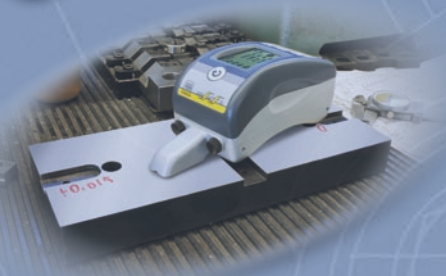


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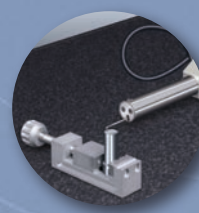
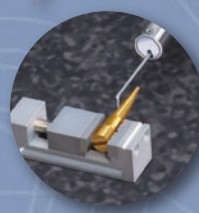
NEW



€
1490



€
4790



Order number	Description	List price €	Special price €
06930013	TESA Rugosurf 20	1908	1490

Order number	Description	List price €	Special price €
06930012	TESA Rugosurf 90G	6097	4790

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