

VALIDITY: 30.04.2008
PRICES WITH VAT EXCLUDED

THE
ESSENTIALS



€
142

TESA Digico 205

Order number	Measuring span mm	Resolution mm	Conversion mm / inch	Data output	Normal prices €	Special prices €
01910230 DIGICO 205 M	12,5	0,01	—	•	177	142
01930230 DIGICO 205 MI	12,5	0,01	•	•	177	142

€
4450



GOOD REASONS TO CHOOSE TESA
1. SWISS MADE LABEL
2. HIGH QUALITY MATERIAL
3. GUARANTEED ACCURACY
4. INDIVIDUAL INSPECTION
5. HIGH TECHNOLOGY

HEXAGON METROLOGY

TESA-HITE AND TESA-MICRO-HITE

A UNIQUE CHOICE OF MANUAL
OR MOTORISED HEIGHT GAUGES

NEW

**MOTORISED
VERSIONS**



	Order Number	Motorised	Description	Measuring span mm / inch	Application range with standard accessory or S0700162 – mm / inch
TESA-HITE	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
	00730057	•	TESA-HITE plus M 400 + Printer	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
	00730058	•	TESA-HITE plus M 700 + Printer	705 / 27	0 ÷ 860 / 0 ÷ 1085 – 0 ÷ 33 / 0 ÷ 42
MICRO-HITE	00730035	–	MICRO-HITE 900	920 / 36	0 ÷ 1075 / 0 ÷ 1300 – 0 ÷ 42 / 0 ÷ 51
	00730034	–	MICRO-HITE 600	615 / 24	0 ÷ 770 / 0 ÷ 995 – 0 ÷ 30 / 0 ÷ 39
	00730033	–	MICRO-HITE 350	365 / 14	0 ÷ 520 / 0 ÷ 745 – 0 ÷ 20 / 0 ÷ 29
	00760163	–	Power Panel		
	00730065	•	MICRO-HITE plus M 900	920 / 36	0 ÷ 1075 / 0 ÷ 1300 – 0 ÷ 42 / 0 ÷ 51
	00730064	•	MICRO-HITE plus M 600	615 / 24	0 ÷ 770 / 0 ÷ 995 – 0 ÷ 30 / 0 ÷ 39
	00730063	•	MICRO-HITE plus M 350	365 / 14	0 ÷ 520 / 0 ÷ 745 – 0 ÷ 20 / 0 ÷ 29
	00760216	–	1D Control Panel		
	00760221	–	Power Panel plus M		
	00760220	–	Power Panel plus M + Printer		



TESA
STAT EXPRESS
STATISTIC SOFTWARE

TESA
DATA DIRECT
TRANSFER SOFTWARE

USB
UNIVERSAL BUS
READY

WIRELESS
READY



Max. perm. error μm / <i>inch</i> L in m / L in <i>inch</i>	Repeatability (2s) μm / <i>inch</i>	Mechanical, frontal, μm / <i>inch</i>	Normal prices €	Special prices €
8 / 0.0003	3 / 0.00015	—	2332	1920
8 / 0.0003	3 / 0.00015	—	2917	2390
$2,5 + 4 \cdot L / 0.0001 + 0.000004 \cdot L$	2 / 0.0001	9 / 0.00035	3388	2780
$2,5 + 4 \cdot L / 0.0001 + 0.000004 \cdot L$	2 / 0.0001	13 / 0.0005	4247	3480
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	1 / 0.00005	8 / 0.00031	4950	4050
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	1 / 0.00005	8 / 0.00031	5291	4250
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	1 / 0.00005	12 / 0.00047	5592	4450
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	1 / 0.00005	12 / 0.00047	5933	4650
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	2 / 0.0001	9 / 0.00043	8684	7900
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	2 / 0.0001	7 / 0.00028	5558	4690
$2 + 3 \cdot L / 0.0001 + 0.000003 \cdot L$	2 / 0.0001	13 / 0.0005	4896	4190
			1036	910
$2 + 1,5 \cdot L / 0.0001 + 0.0000015 \cdot L$	0,5 / 0.00005	9 / 0.00035	8271	7500
$2 + 1,5 \cdot L / 0.0001 + 0.0000015 \cdot L$	0,5 / 0.00005	7 / 0.00028	5293	4290
$2 + 1,5 \cdot L / 0.0001 + 0.0000015 \cdot L$	0,5 / 0.00005	5 / 0.0002	4663	3930
			590	410
			1036	700
			1364	900

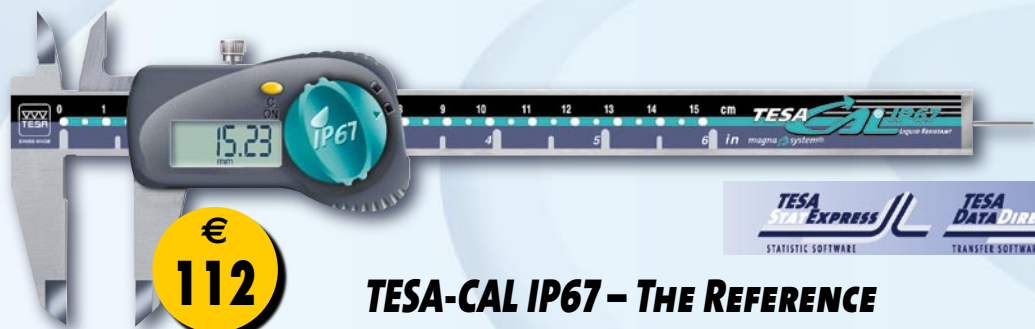




€
74

TESA SHOP-CAL

Order number	Measuring span mm	Normal price €	Special price €
00530090	150	95	74



€
112

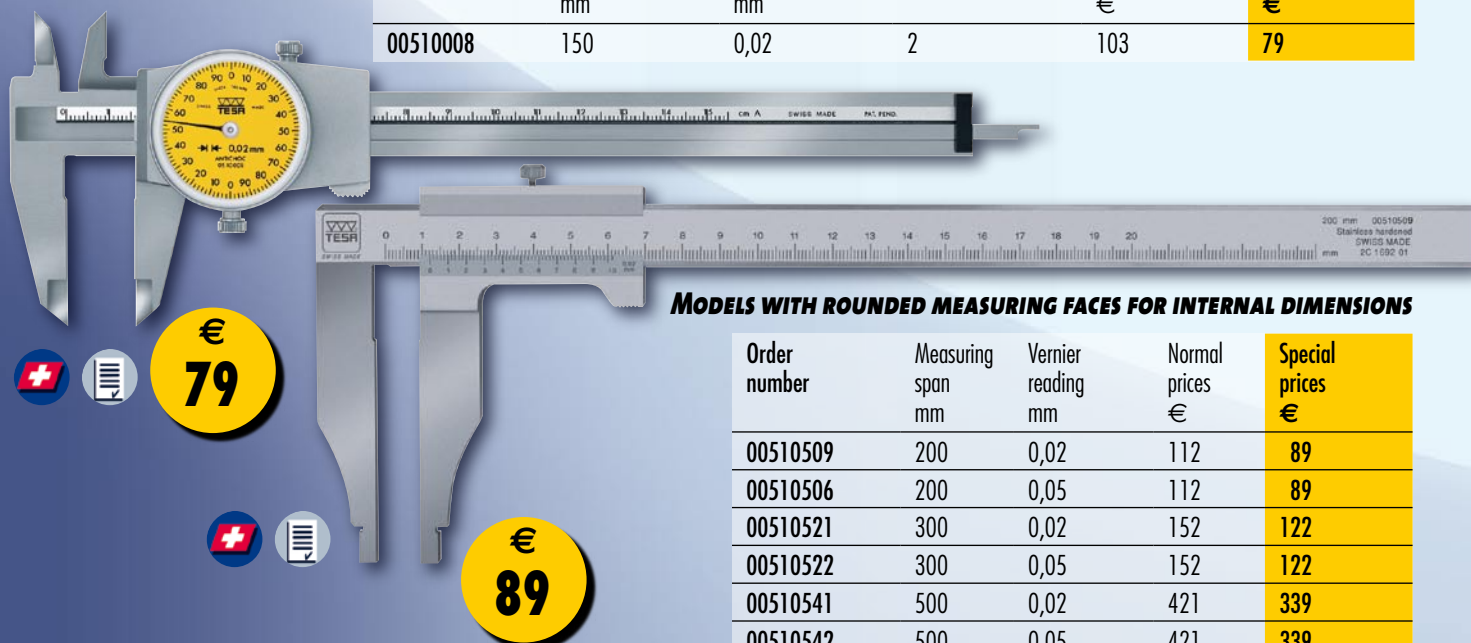
TESA-CAL IP67 – The REFERENCE

Order number	Measuring span mm	Protection degree to IP67	Thumb roller	Data output	Normal prices €	Special prices €
00530300	150	•	—	—	139	112
00530301	150	•	•	—	139	112
00530311	150	•	•	•	173	139
00530312	200	•	•	•	225	180
00530313	300	•	•	•	366	293

TESA DIAL OR VERNIER CALIPERS

- Swiss Made • Accuracy to DIN 862 / NF E11-091 • Hardened stainless steel
- Satin-chrome scale background, wear protection
- Provided with inspection report and declaration of conformity

Order number	Measuring span mm	Dial reading mm	mm / revolution	Normal price €	Special price €
00510008	150	0,02	2	103	79



€
79

€
89

MODELS WITH ROUNDED MEASURING FACES FOR INTERNAL DIMENSIONS

Order number	Measuring span mm	Vernier reading mm	Normal prices €	Special prices €
00510509	200	0,02	112	89
00510506	200	0,05	112	89
00510521	300	0,02	152	122
00510522	300	0,05	152	122
00510541	500	0,02	421	339
00510542	500	0,05	421	339

TESA MICROMASTER EASY

Order number	Measuring range mm	Normal price €	Special price €
06030010	0 ÷ 30	200	142

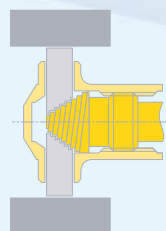
TESA MICROMASTER IP54 WITH DATA OUTPUT

Order number	Measuring range mm	Normal prices €	Special prices €
06030030	0 ÷ 30	251	199
06030031	23 ÷ 53	315	252
06030032	48 ÷ 78	378	303
06030033	74 ÷ 104	413	330



ETALON BASIC

Order number	Measuring range mm	Normal prices €	Special prices €
00119046	0 ÷ 25	48	39
00119047	25 ÷ 50	71	59
00119048	50 ÷ 75	79	64
00119049	75 ÷ 100	103	83



IMICRO INDIVIDUAL INSTRUMENTS WITH DATA OUTPUT

Order number	Measuring range mm	Normal prices €	Special prices €
06130105	6 ÷ 8	775	619
06130106	8 ÷ 10	780	624
06130107	10 ÷ 12	786	629
06130108	11 ÷ 14	790	632
06130109	14 ÷ 17	794	635
06130110	17 ÷ 20	798	639
06130111	20 ÷ 25	804	643
06130112	25 ÷ 30	812	649
06130113	30 ÷ 35	823	659
06130114	35 ÷ 40	834	667
06130115	40 ÷ 50	861	689
06130116	50 ÷ 60	878	699
06130117	60 ÷ 70	902	719
06130118	70 ÷ 80	919	735
06130119	80 ÷ 90	940	752
06130120	90 ÷ 100	959	769

ALESOMETER SINGLE HANDTOOLS WITH ANALOGUE INDICATION

Order number	Measuring range mm	Normal prices €	Special prices €
0081725001	6 ÷ 8	352	279
0081725003	8 ÷ 10	339	269
0081725006	10 ÷ 12,5	366	289
0081725008	12,5 ÷ 15	379	303
0081725010	15 ÷ 17,5	382	306
0081725012	17,5 ÷ 20	386	309
0081725014	20 ÷ 25	379	303
0081725016	25 ÷ 30	394	315
0081725018	30 ÷ 35	386	309
0081725020	35 ÷ 40	398	319
0081725022	40 ÷ 50	444	355
0081725024	50 ÷ 60	449	359
0081725026	60 ÷ 70	519	415
0081725028	70 ÷ 85	535	428
0081725030	85 ÷ 100	553	442



DIAL TEST INDICATORS (LEVER-TYPE)

Order number	Description	Reading mm	Measuring travel mm	Dial diameter mm	Normal prices €	Special prices €
01811000	SWISSTAST	0,01	0,8	28	100	80
01811001	SWISSTAST	0,002	0,8	38	128	102
074111366	Interapid 312	0,01	1,6	37,5	177	141

DIAL GAUGES

Order number	Description	Reading mm	Measuring travel mm	Dial diameter mm	Shock proof system	Normal prices €	Special prices €
01419047	ETALON Basic	0,01	5	40	•	81	64
01419048	ETALON Basic	0,01	10	58	—	49	39



VERIBOR LIGHT TOOL SET

Order number	Measuring range mm	Normal price €	Special price €
05710093	18 ÷ 150	555	444



TESA TPS

Motorised setting benches

Order number	Description	Special prices €
02130001	TPS 300	from 8199
02130002	TPS 500	upon request
02130003	TPS 1000	upon request



CLINOBEVEL 1-USB

High-precision electronic inclinometer. Ideally suited to install and control machine tools.

Supplied in a complete set, including inclinometer, USB cable and software showing all measured data.

Order number	Measuring range mm	Normal price €	Special price €
05330203	$\pm 45^\circ$	1040	989



€
989



TESA
STATISTIC SOFTWARE

TESA
DATA DIRECT
TRANSFER SOFTWARE

USB
TRANSFER READY

WIRELESS
TRANSFER READY

TESA-RUGOSURF 10

Portable, versatile roughness gauge for use on the shop floor or in the inspection laboratory.

Order number	Normal price €	Special price €
06930010	2108	1789

Supplied in a full set with probe, rechargeable battery, roughness standard, adapter for a 8 mm dia. universal support, User's manual, declaration of conformity included.

Measured roughness parameters

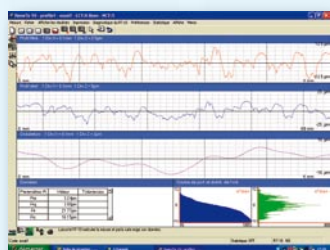
Ra - Rq (RMS) - Rt - Rz - Rc - Rsm - Rmr according to ISO 4287-1997
Pt - R - Rx - AR according to ISO 12085 (CNOMO)

Specifications

Measuring span:
160 μm ($\pm 20 \mu\text{m}$ and $\pm 80 \mu\text{m}$)

Resolution:
0,01 μm / 0,04 μm

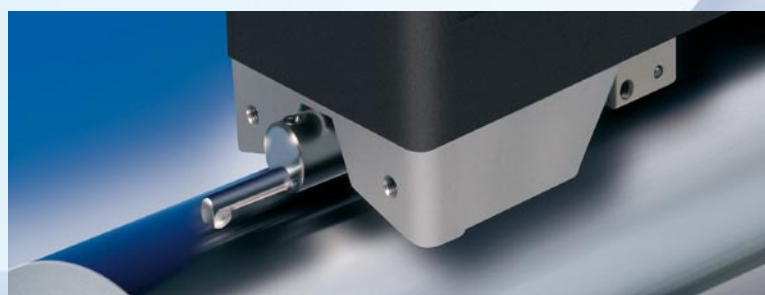
Cut-offs:
 $\lambda_c = 0,25 - 0,8 - 2,5 \text{ mm}$
with selectable number of
2, 3, 4 or 5 cut-offs for the
relevant measurement

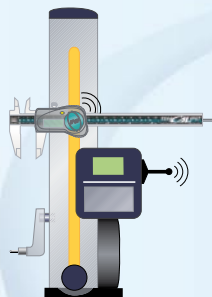
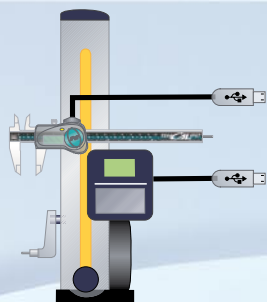


Software available on request



€
1789





USB CABLE

Order number	Description	Normal prices €	Special prices €
04761062	OPTO USB cable	104	83
04761063	Sub-D USB cable	90	72
S47120002	Sub-D USB adapter	62	49

WIRELESS-READY

Wireless solution on request

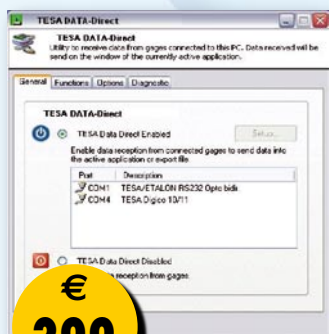
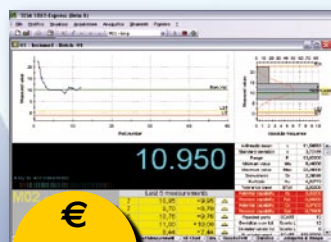
SOFTWARE TOOLS

Software for data acquisition

Order number	Description	Normal price €	Special price €
04981001	TESA DataDirect	449	399

Software for statistical analysis

Order number	Description	Normal price €	Special price €
04981002	TESA StatExpress	996	949



GOOD REASONS TO CHOOSE TESA

1. SWISS MADE LABEL
2. HIGH QUALITY MATERIAL
3. GUARANTEED ACCURACY
4. INDIVIDUAL INSPECTION
5. HIGH TECHNOLOGY



TESA SA Switzerland
Bugnon 38
CH-1020 Renens

Tél. +41 (0)21 633 16 00
Fax +41 (0)21 633 17 57
tesa-ventech@hexagonmetrology.com

TESA FRANCE SAS
13-15, av. Georges de La Tour
F-54303 Lunéville Cedex

Tél. +33 (0)3 83 76 83 76
Fax +33 (0)3 83 74 13 16
tesa-france@hexagonmetrology.com

TESA Technology Deutschland GmbH
Netzestraße 32
D-71638 Ludwigsburg

Tel. +49 (0)7141 8747 0
Fax +49 (0)7141 8747 88
tesa-de@hexagonmetrology.com

TESA Technology UK Ltd.
Metrology House
Halesfield 13
GB-Telford, Shrops. TF7 4PL

Tel. +44 1952 681 349
Fax +44 1952 681 391
tesa-uk@hexagonmetrology.com

TESA Technology ITALIA s.r.l.
Via Bizzozzero, 118
IT-20032 Cernusco (MI)

Tel. +39 02 663 053 69
Fax +39 02 663 090 82
tesa-italia@hexagonmetrology.com

TESA Technology Ibérica
Av. de Vizcaya s/n
Apart. 202
ES-48260 Ermua

Tel. +34 943 170 340
Fax +34 943 172 092
tesa-iberica@hexagonmetrology.com

TESA Benelux
Pascal Siebens
G° de Wittelaan 17, Bus 21
BE-2800 Mechelen

Tel. +32 (0)15 435 301
Fax +32 (0)15 435 302
tesa-benelux@hexagonmetrology.com

Hexagon Metrology Nordic AB
Filargatan 3

SE-631 81 Eskilstuna
Tel. +46 16 160800
Fax +46 16 160890
robert.sellerstrand@hexagonmetrology.com

Headquarter: TESA SA – Bugnon 38 – CH-1020 Renens – Switzerland – Tel. +41(0)21 633 16 00 – Fax +41(0)21 635 75 35 – www.tesabs.ch – tesa-info@hexagonmetrology.com

Printed in Switzerland – All modification rights reserved – 10012.035.0712 – Version 22