ALPA
metrology

Promo

valid until 30.11.2021

WORKBENCH INSTRUMENTS

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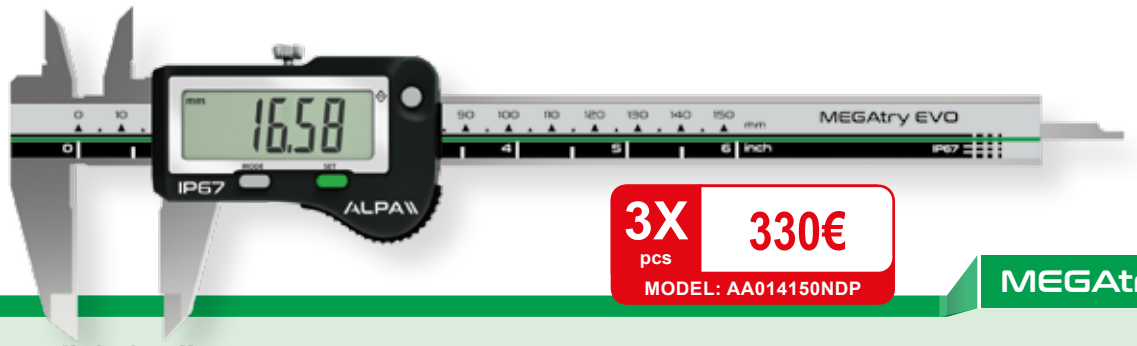
WORKBENCH INSTRUMENTS

Promo

valid until 30.11.2021

CALIPERS



TOP quality

3X pcs 330€

MODEL: AA014150NDP

MEGAtry EVO

IP67 Preset digital caliper

Swiss made digital caliper IP67 electronics with data output, high protection against dust and liquids even while in temporary immmersion. Clamping screw, hardened stainless steel frame.

CONNECTION CABLES

COD. 1	€	Description
ACC01000	135,00	Proximity: RS232
ACC01001	135,00	Proximity: USB

WITHOUT DATA OUTPUT

COD. 1	€	Depth bar	Range mm	Jaws mm
AA014150NDP	115,00	■	0 ÷ 150	40
AA014150NDT	115,00	●	0 ÷ 150	40

WITH DATA OUTPUT

COD. 1	€	Depth bar	Range mm	Jaws mm
AA014150P	135,00	■	0 ÷ 150	40
AA014150T	135,00	●	0 ÷ 150	40
AA014200	205,00	■	0 ÷ 200	50
AA014300	265,00	-	0 ÷ 300	64

TOP quality

PRO67

IP67 Digital caliper

0,01mm resolution. Electronics with a very high degree of protection against particles and liquids, even while in temporary immersion. Vernier with locking screw system, incremental measuring and zero-setting at any position.

COD. 1	€	Depth bar	Range mm	Jaws mm
AA017150P	89,00	■	0 ÷ 150	40
AA017150T	89,00	●		
AA017200	125,00	■	0 ÷ 200	50
AA017300	169,00	■	0 ÷ 300	60

ABSolutus

IP54 Digital caliper

Resolution 0,01 mm. Digital caliper with electronics with a very high degree of protection against particles and liquids. Vernier with locking screw system, ON/OFF button, incremental measuring and zero-setting at any position. Absolute origin measuring function.

COD. 1	€	Depth bar	Range mm	Jaws mm
AA019150P	59,00	■	0 ÷ 150	40
AA019150T	59,00	●		
AA019200	85,00	■	0 ÷ 200	50
AA019300	120,00	■	0 ÷ 300	60

PICKall

Digital caliper

Resolution 0,01mm - ON/OFF button, four measuring functions, zero setting at any position, cursor with thumb roller and locking screw.

COD. 1	€	Depth bar	Range mm
AA020SET	240,00	■	0 ÷ 150 / 0 ÷ 200 / 0 ÷ 300

COD. 1	€	Depth bar	Range mm	Jaws mm
AA020150P	55,00	■	0 ÷ 150	40
AA020150T	55,00	●		
AA020200	80,00	■	0 ÷ 200	50
AA020300	115,00	■	0 ÷ 300	62

5X pz 165€

MODELLI: AA021150 / AA022150

Digital caliper

0,01mm Resolution. Metal casing, ON/OFF button, zero setting at any position and locking screw. Preset function included measurement unit of mm.

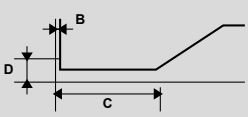
COD. 1	€	Range mm	Jaws mm
AA021100	38,00	0 ÷ 100	30
AA021150	38,00	0 ÷ 150	40
AA021200	60,00	0 ÷ 200	50
AA021300	90,00	0 ÷ 300	62

Depth base

COD. 1	€	Description
ACC03001	25,00	Suitable for digital, dial and vernier calipers.

Special jaws for micro measurement

Jaw thickness: max 3.5mm (recommended for digital calipers with preset)



COD. 1	€	B mm	C mm	D mm
ACC05SET	240,00	0,38	10	2,5
			15	3,7
		0,64	25	7,5

Dial caliper

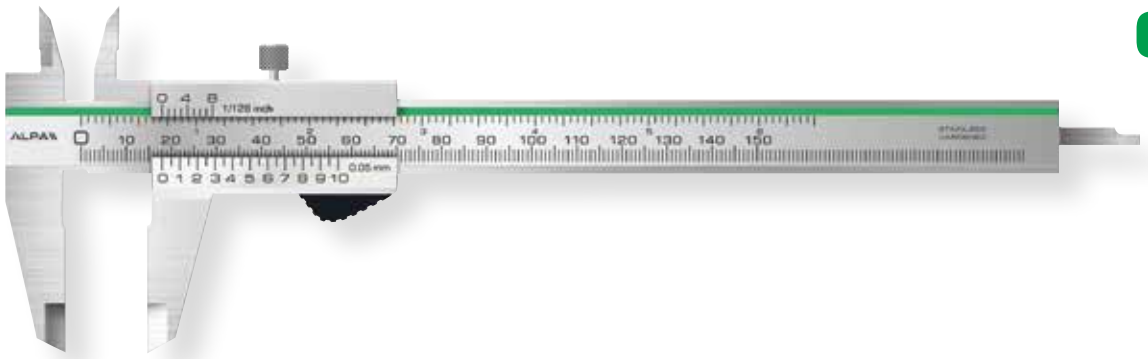
0,01mm resolution. Hardened stainless steel dial caliper, dial 39mm, 1mm per revolution.

COD. 1	€	Range mm	Resolution mm	Jaws mm
AC010150	48,00	0 ÷ 150	0,01	40
AC010200	62,00	0 ÷ 200		50
AC010300	110,00	0 ÷ 300		62

Dial caliper

0,02mm resolution. Hardened stainless steel dial caliper, dial 39mm, 2mm per revolution.

COD. 1	€	Range mm	Resolution mm	Jaws mm
AC015150	42,00	0 ÷ 150	0,02	40
AC015200	60,00	0 ÷ 200		50
AC015300	95,00	0 ÷ 300		62

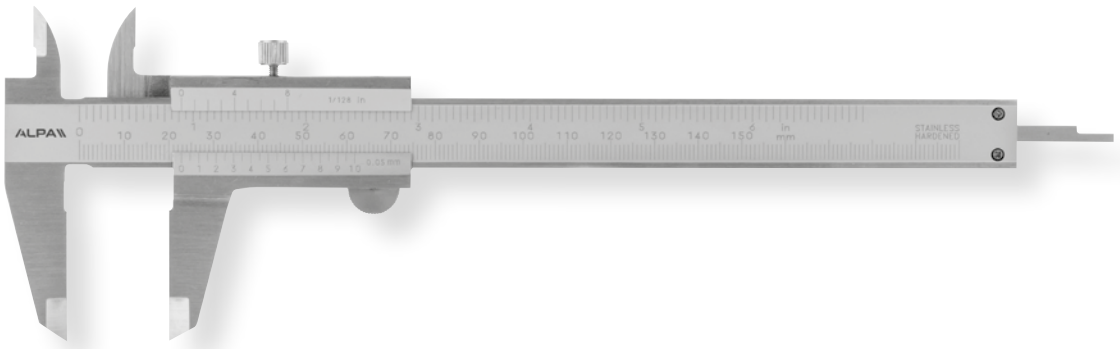


TOP quality

Monoblock vernier caliper

Vernier 1/20 resolution 0,05mm, high accuracy, caliper and cursor hardened steel made, matt-chrome finish scale, cursor with locking screw.

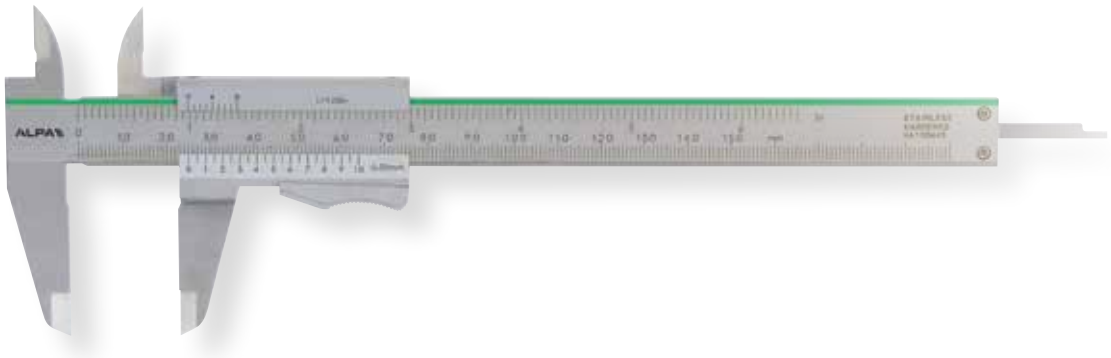
COD. 1	€	Range mm	Jaws mm
AB012100	24,00	0 ÷ 100	30
AB012150	28,00	0 ÷ 150	40
AB012200	50,00	0 ÷ 200	50
AB012300	75,00	0 ÷ 300	60



Monoblock vernier caliper

Monoblock stainless steel structure, vernier 1/20, graduation 0,05mm. Matt-chrome finish scale. Locking screw.

COD. 1	€	Range mm	Jaws mm
AB017150	18,00	0 ÷ 150	40
AB017200	28,00	0 ÷ 200	50
AB017300	55,00	0 ÷ 300	60

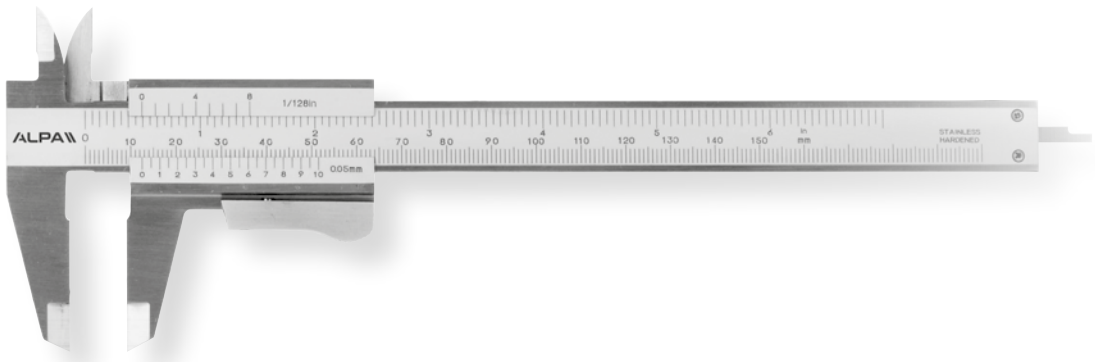


TOP quality

Monoblock vernier caliper

Vernier 1/20, graduation 0,05mm - Matt-chrome finish scale, locking button. Accurate execution.

COD. 1	€	Range mm	Jaws mm
AB011150	33,00	0 ÷ 150	40
AB011200	47,00	0 ÷ 200	50



Monoblock vernier caliper

Vernier 1/20, graduation 0,05mm - Matt-chrome finish scale, locking button. Accurate execution.

COD. 1	€	Range mm	Reading mm	Jaws mm
AB02515020	19,00	0 ÷ 150	1/20	40
AB025200	28,00	0 ÷ 200		50
AB025300	58,00	0 ÷ 300		60

MEGAline

IP54 Preset carbon fiber digital caliper

Resolution 0,01mm. Carbon fiber structure, designed to combine low weight and stiffness even over significant lengths. Stainless steel TiN coated jaws, protected against dust, water resistant, swiss made electronics. Cursor with locking screw, large LCD display, fine adjustment.

COD. 1	€	Range mm	Jaws mm	Section mm
AA0401000150	1.520,00	0 ÷ 1000	150	47 x 16
AA0401000300	2.520,00		300	
AA0401000500	3.100,00		500	
AA0401500150	2.400,00	0 ÷ 1500	150	
AA0401500200	2.600,00		200	
AA0401500300	3.400,00		300	
AA0401500500	4.150,00		500	
AA0402000150	2.950,00	0 ÷ 2000	150	
AA0402000200	3.250,00		200	
AA0402000300	4.000,00		300	
AA0402000500	4.600,00		500	
AA0402500200	4.200,00	0 ÷ 2500	200	
AA0402500300	4.700,00		300	

COD. 1	€	Range mm	Jaws mm	Section mm
AA0403000200	4.750,00	0 ÷ 3000	200	47 x 16
AA0403000300	5.200,00		300	
AA0403500200	5.300,00	0 ÷ 3500	200	
AA0403500300	5.700,00		300	
AA0404000200	9.300,00	0 ÷ 4000	200	47 x 38
AA0404000300	10.500,00		300	
AA0404500200	11.200,00	0 ÷ 4500	200	
AA0404500300	11.800,00		300	
AA0405000200	12.000,00	0 ÷ 5000	200	
AA0405000300	12.900,00		300	

Digital caliper for internal and external

Resolution 0,01mm. ON/OFF button, incremental zero setting or restoration of absolute scale (ABS), Micrometric adjustment and vernier with locking screw.

COD. 1	€	Range mm	Jaws mm
AA051600100	650,00	0 ÷ 600	100
AA0511000125	990,00	0 ÷ 1000	125

Digital caliper for internal and external

Resolution 0,01mm. Matt-chrome finish scale, ON/OFF button, incremental zero setting or restoration of absolute scale (ABS), Micrometric adjustment and vernier with locking screw.

COD. 1	€	Range mm	Jaws mm
AA052300	230,00	0 ÷ 300	100
AA052600	425,00	0 ÷ 600	150
AA0521000	770,00	0 ÷ 1000	

TOP quality

MEGAline

IP67 Preset carbon fiber digital caliper

Carbon fiber sliding gauge. Stainless steel jaws. TIN coated contacts. Data output: Proximity RS232 and USB. Resolution 0,01mm

COD. 1	€	Range mm	Jaws mm	Section mm
AA0431000150	1.320,00	1000	150	40 x 13

COD. 1	€	Range mm	Jaws mm	Section mm
AA0431000200	1.670,00	1000	200	40 x 13
AA0431500150	1.720,00	1500	150	
AA0431500200	2.050,00	1500	200	
AA0432000150	2.250,00	2000	150	
AA0432000200	2.790,00	2000	200	

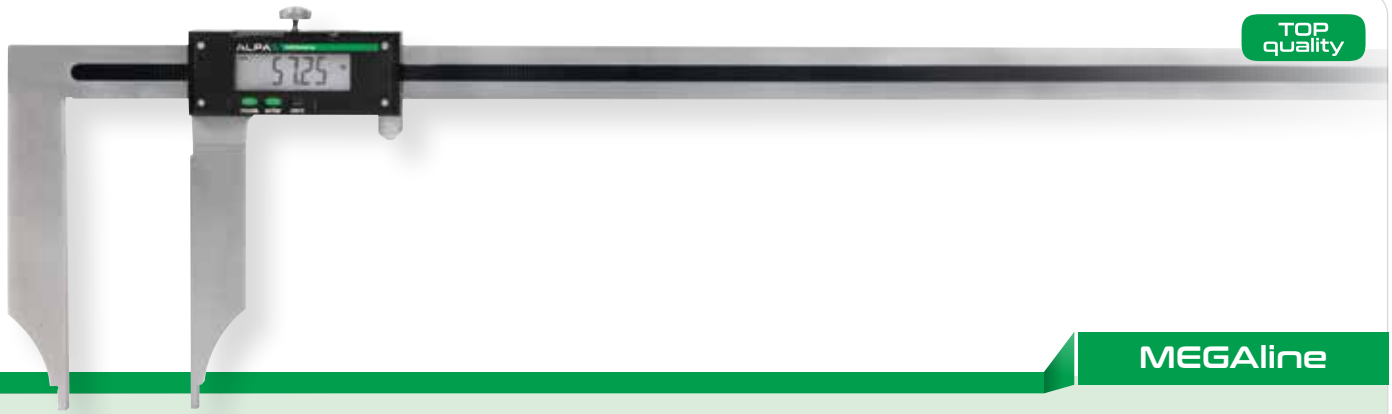
TOP quality

MEGAline

IP67 Preset digital caliper

Resolution 0,01mm. Swiss made electronics, protected against dust and water immersion, cursor with locking screw.

COD. 1	€	Range mm	Jaws mm	Section mm
AA029300	440,00	0 ÷ 300	100	17 x 5
AA029400	500,00	0 ÷ 400		
AA029500	550,00	0 ÷ 500		
AA029600	600,00	0 ÷ 600		



TOP quality

MEGAline

IP67 Preset digital caliper

Resolution 0,01mm. Swiss made electronics, protected against dust, water resistant, cursor with locking screw. Provided in wooden case.

COD. 1	€	Range mm	Jaws mm	Section mm
AA033500125	910,00	0 ÷ 500	125	23 x 6

COD. 1	€	Range mm	Jaws mm	Section mm
AA033500150	940,00	0 ÷ 500	150	27 x 7
AA033600125	950,00	0 ÷ 600	125	23 x 6
AA033600150	1.020,00		150	27 x 7
AA033800150	1.330,00	0 ÷ 800		
AA0331000150	1.650,00	0 ÷ 1000		

Digital caliper with fine adjustment

Resolution 0,01mm. Cursor with locking screw, fine adjustment.

COD. 1	€	Range mm	Jaws mm
AA050300	175,00	0 ÷ 300	100
AA050500100	210,00	0 ÷ 500	
AA050500150	260,00		150
AA050500200	310,00		200

COD. 1	€	Range mm	Jaws mm
AA050600150	360,00	0 ÷ 600	150
AA050600300	550,00		300
AA050800150	455,00	0 ÷ 800	150
AA0501000150	630,00	0 ÷ 1000	
AA0501000300	1.160,00		300
AA0501500200	1.420,00	0 ÷ 1500	200
AA0501500300	1.610,00		300
AA0502000300	1.810,00	0 ÷ 2000	
AA0503000300	3.420,00	0 ÷ 3000	

IP66 Digital caliper with fine adjustment

Resolution 0,01mm. IP66 digital caliper protected against liquids, dust, particles of metal, spraying of water and oil. Cursor with locking screw, fine adjustment.

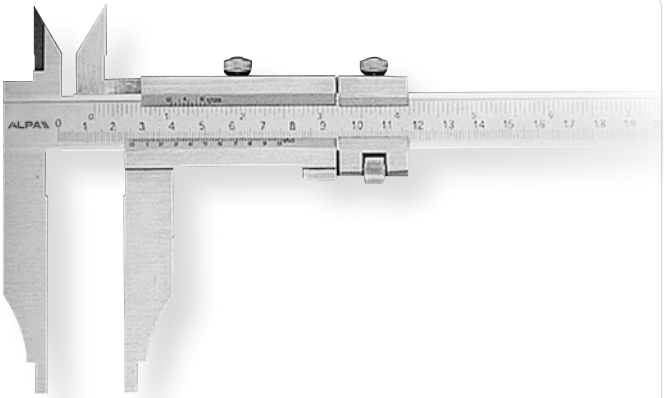
COD. 1	€	Range mm	Jaws mm
AA045300	245,00	0 ÷ 300	100
AA045500	410,00	0 ÷ 500	150
AA045600	470,00	0 ÷ 600	
AA0451000	750,00	0 ÷ 1000	
AA0451500	1.620,00	0 ÷ 1500	200

Monoblock vernier caliper

Vernier 1/50, graduation 0,02mm. Matt-chrome finish scale, cursor with locking screw and fine adjustment.

COD. 1	€	Range mm	Jaws mm
AB035200	70,00	0 ÷ 200	60
AB035250	90,00	0 ÷ 250	75
AB03530090	115,00	0 ÷ 300	90
AB035300100	130,00		100
AB035300150	200,00		150
AB035400125	240,00	0 ÷ 400	125
AB035400200	255,00		200
AB035500115	230,00	0 ÷ 500	115
AB035500150	270,00		150
AB035500200	340,00		200
AB035600115	240,00	0 ÷ 600	115
AB035600150	290,00		150
AB035600200	360,00		200
AB035600300	580,00		300

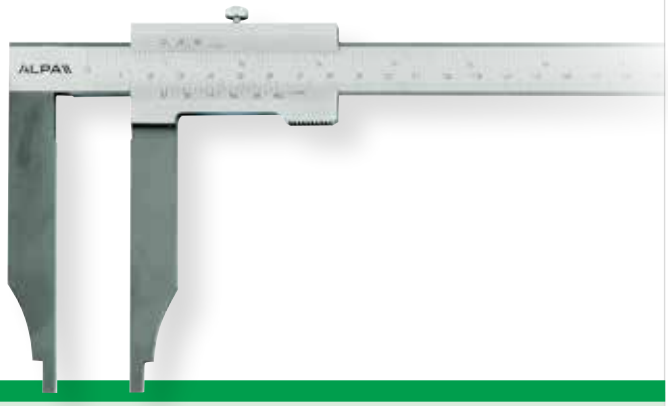
COD. 1	€	Range mm	Jaws mm
AB035800150	360,00	0 ÷ 800	150
AB035800300	630,00		300
AB035800400	960,00		400
AB0351000150	550,00	0 ÷ 1000	150
AB0351000300	800,00		300
AB0351000500	1.390,00		500
AB0351200200	970,00	0 ÷ 1200	200
AB0351500200	1.100,00	0 ÷ 1500	200
AB0351500300	1.480,00		300
AB0351500500	1.910,00		500
AB0352000300	1.990,00	0 ÷ 2000	300
AB0352000500	2.320,00		500
AB0353000300	2.870,00	0 ÷ 3000	300



Vernier caliper with inside points

Vernier 1/50, graduation 0,02mm. Cursor with locking screw and fine adjustment. Accurate execution.

COD. 1	€	Range mm	Jaws mm
AB045300	165,00	0 ÷ 300	90
AB045500	360,00	0 ÷ 500	150
AB045600	410,00	0 ÷ 600	
AB0451000	650,00	0 ÷ 1000	



Monoblock vernier caliper

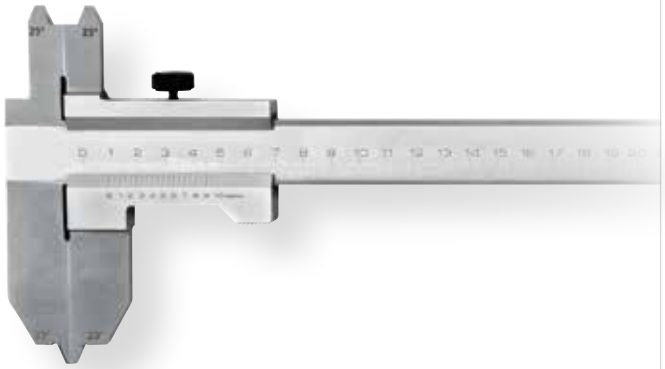
Vernier 1/20, graduation 0,05mm. Cursor with locking screw.

COD. 1	€	Range mm	Jaws mm
AB047200	60,00	0 ÷ 200	65
AB047250	70,00	0 ÷ 250	80
AB047300	75,00	0 ÷ 300	100
AB047400	150,00	0 ÷ 400	125
AB047500	170,00	0 ÷ 500	150

IP66 Ring joint digital caliper

Accuracy ± 0,04 mm (300). Resolution 0,01 mm. Digital caliper suitable for measuring the seat of 23° ring joint. **Different degrees on demand.**

COD. 1	€	Range mm
AA082300	590,00	0 ÷ 300
AA082500	780,00	0 ÷ 500
AA0821000	1.150,00	0 ÷ 1000
AA0821500	1.760,00	0 ÷ 1500



Ring joint vernier caliper

Matt-chrome finish readout scale. Etched, precision graduation. Raised slider for easy movement. Suitable for measuring the seat of 23° Ring Joint. Slide stop at beam end. Manufactured according to DIN 862.

COD. 1	€	Range mm	Jaws mm
AB070300	420,00	0 ÷ 300	45
AB070500	630,00	0 ÷ 500	
AB0701000	950,00	0 ÷ 1000	80

TOP quality

MEGAline

IP67 Preset ring joint digital caliper

Resolution 0,01mm. Swiss made electronics. Protected against dust, and water immersion, zero setting at any position, cursor with locking screw.

COD. 1	€	Range mm	Jaws mm
AA080200	460,00	0 ÷ 200	32

TOP quality

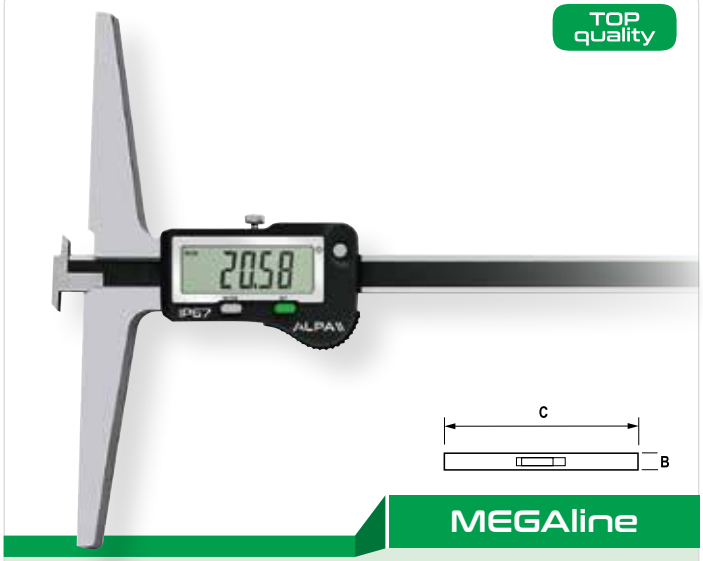
MEGAline

IP67 Preset small bores depth digital caliper

Resolution 0,01mm. Protected against dust and water immersion, Swiss made electronics with data output, ON/OFF button, zero setting at any position, cursor with locking screw. Minimum bore diameter 6mm.

COD. 1	€	Range mm	Accuracy mm	Section mm	Pin mm
AA0831207,8	520,00	0 ÷ 120	± 0,02	4	7,8 x 0,9
AA0831205,8	520,00				5,8 x 0,6

TOP quality



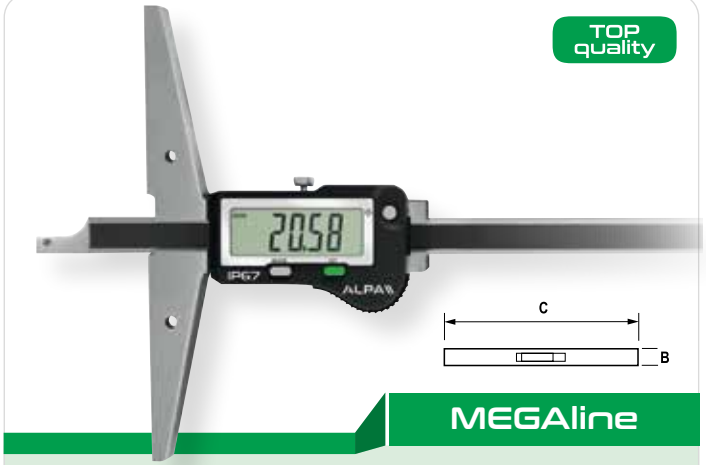
MEGAline

IP67 Preset digital depth caliper

Resolution 0,01mm. Protected against dust and water immersion, swiss made electronics with data output, cursor with locking screw, interchangeable tip with pull/push on the same plane.

COD. 1	€	Range mm	B mm	C mm
AA059300	495,00	0 ÷ 300	12	150
AA059400	610,00	0 ÷ 400		
AA059500	680,00	0 ÷ 500		
AA059600	770,00	0 ÷ 600		

TOP quality



MEGAline

IP67 Preset digital depth caliper

Resolution 0,01mm. Digital depth with pushing tip. Protected against dust and water immersion, swiss made electronic with data output, ON/OFF button, zero setting at any position, cursor with locking screw.

COD. 1	€	Range mm	B mm	C mm
AA054200	395,00	0 ÷ 200	10	105
AA054300	460,00	0 ÷ 300	12	150
AA054400	550,00	0 ÷ 400		
AA054500	600,00	0 ÷ 500		
AA054600	650,00	0 ÷ 600		

COD. 1	€	Description	Length mm
ACC10200	150,00	Movable bridge	200
ACC10320	180,00		320

TOP quality

MEGAline

IP67 Preset digital depth caliper

Resolution 0,01mm. Hardened stainless steel digital depth caliper with movable support. Swiss made electronics IP67mm/inch - cable connect proximity. Push/pull support on the same level. Clamping screw. Provided with wooden case.

COD. 1	€	Range mm	B mm	C mm
AA064300	625,00	0 ÷ 300	12	150
AA064400	730,00	0 ÷ 400		
AA064500	855,00	0 ÷ 500		
AA064600	945,00	0 ÷ 600		
AA064800	1.400,00	0 ÷ 800		
AA0641000	1.610,00	0 ÷ 1000		

Accessories

Optional tips for depth caliper AA064 available on catalogue.

ACC20001		ACC20005	
ACC20002		ACC20006	
ACC20003		ACC20007	
ACC20004			

Movable bridge

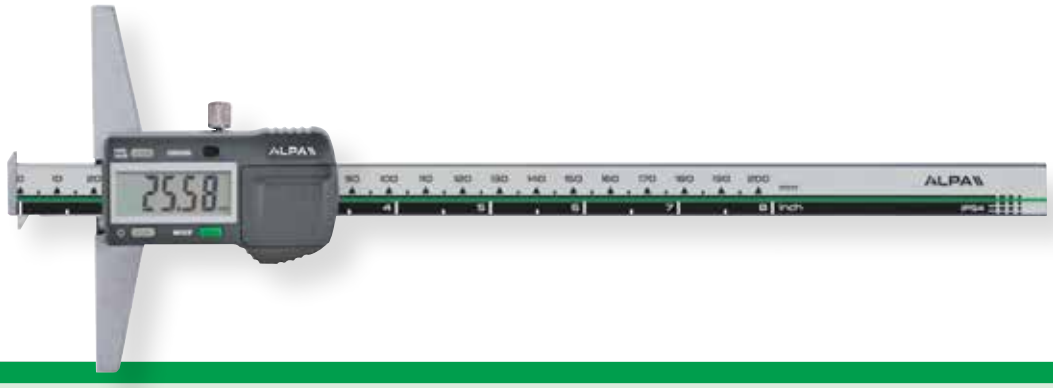
Movable bridge for depth caliper AA064.

COD. 1	€	Length mm
ACC08001	410,00	400
ACC08002	460,00	500
ACC08003	590,00	600

IP54 Digital depth caliper

0,01mm resolution. Vernier with locking screw system, ON/OFF button, incremental measuring and zero-setting at any position. Absolute origin measuring function. mm/inch conversion.

COD. 1	€	Range mm	Base mm	Length mm
AA101200	120,00	0 ÷ 200	100	285
AA101300	175,00	0 ÷ 300	150	390



IP54 Double hook digital depth caliper

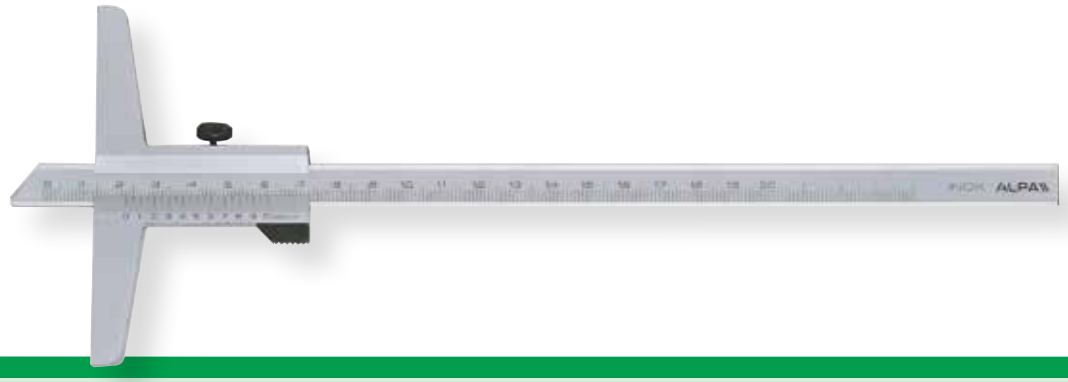
0,01mm resolution. Vernier with locking screw system, ON/OFF button, incremental measuring and zero-setting at any position. Absolute origin measuring function. mm/inch conversion.

COD. 1	€	Range mm	Base mm	Length mm
AA103200	160,00	0 ÷ 200	100	285
AA103300	210,00	0 ÷ 300	150	390

IP54 Pin type digital depth caliper

0,01mm resolution. Vernier with locking screw system, ON/OFF button, incremental measuring and zero-setting at any position. Absolute origin measuring function. mm/inch conversion.

COD. 1	€	Range mm	Base mm	Length mm
AA105200	125,00	0 ÷ 200	100	285
AA105300	185,00	0 ÷ 300	150	390



Depth caliper

Vernier 1/20, graduation 0,05mm. Cursor with locking screw. Accurate execution.

COD. 1	€	Range mm	Base mm	Length mm
AB055150	30,00	0 ÷ 150	100	250

COD. 1	€	Range mm	Base mm	Length mm
AB055200	40,00	0 ÷ 200	100	300
AB055300	70,00	0 ÷ 300	150	400
AB055400	95,00	0 ÷ 400		500
AB055500	125,00	0 ÷ 500		600
AB0551000	520,00	0 ÷ 1000	200	1160

Double hook depth caliper

Vernier 1/20, graduation 0,05mm - Locking screw for sliding jaw. Accurate execution.

COD. 1	€	Range mm	Base mm	Length mm
AB062200	80,00	0 ÷ 200	100	260
AB062300	100,00	0 ÷ 300		370

Inside grooves digital calipers

Resolution 0,01mm. ON/OFF button, zero setting at any position, preset function, cursor with locking screw and large LCD display.

COD. 1	€	Range mm	Jaws mm
AA189150	120,00	20 ÷ 150	30
AA189200	190,00	40 ÷ 200	70

TOP quality

MEGAline

IP67 Digital caliper for internal/external grooves

Resolution 0,01 mm. Swiss made electronics. Protected against dust and water immersion, (ON/OFF) button, zero setting at any position, cursor with locking screw, interchangeable threaded caps. Article AA084250 supplied with hardened pins Ø2,5mm. Article AA084350, AA084450 supplied with hardened pins Ø3,5mm.

COD. 1	€	Range int./ext.mm	Accuracy mm	Section mm
AA084250	700,00	24 ÷ 250/0 ÷ 210	0,02	16,5x4,5
AA084350	770,00	42 ÷ 400/0 ÷ 320	0,03	17x5
AA084450	930,00	42 ÷ 500/0 ÷ 420		

For tips see on Alpa catalogue pag. A.40

TOP quality

MEGAline

IP54 Digital caliper for internal/external grooves

Resolution 0,01 mm. Swiss made electronics. Protected against dust, (ON/OFF) button, zero setting at any position, cursor with locking screw, interchangeable threaded caps. Provided with a couple of hardened pins Ø 3,5mm.

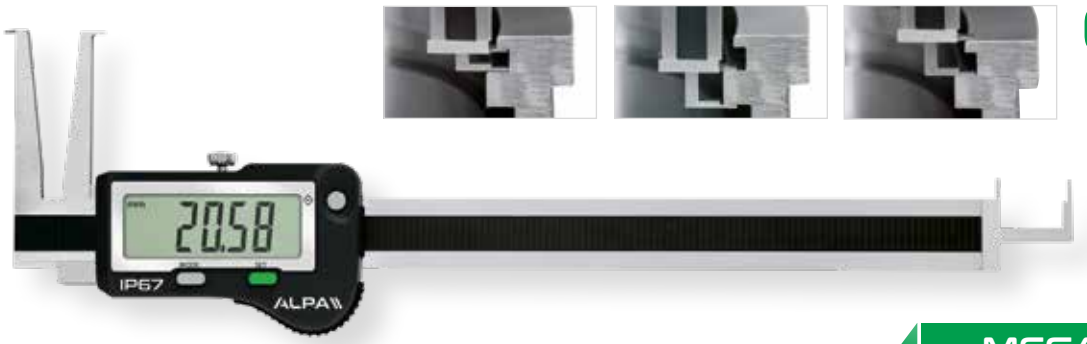
COD. 1	€	Range int./ext.mm	Accuracy mm	Section mm
AA081650	1.140,00	42 ÷ 650/0 ÷ 570	0,04	22x5

For tips see on Alpa catalogue pag. A.40

Adaptor for tips M2.5

Pair of adaptors needed for the use of the tips.

COD. 1	€	C mm
CC0458	30,00	8
CC04510	30,00	10
CC04512	50,00	12
CC04520	60,00	20



TOP quality

MEGAline

IP67 Digital caliper for inside grooves and seeger groves

Resolution 0,01mm. Swiss made electronics. Protected against dust and water immersion, zero setting at any position, cursor with locking screw.

COD. 1	€	Range mm	Max groove depth mm	Section mm	Accuracy mm
AA086170	480,00	10 ÷ 170	3,5	16,5 x 4	± 0,03
AA086180	520,00	20 ÷ 180	8,5		

Inside grooves digital caliper

Resolution 0,01mm. Matt-chrome finish scale, ON/OFF button, vernier with locking screw, presetting function keyboard.

COD. 1	€	Range mm	Max groove depth mm	Jaws mm
AA179150	120,00	14 ÷ 150	5	30
AA179200	160,00	15 ÷ 200	5	40
AA179300	190,00	17 ÷ 300	5	50
AA179500	305,00	35 ÷ 500	8	120

Digital caliper with interchangeable tips

Resolution 0,01mm. Matt-chrome finish scale, ON/OFF button, zero setting at any position, vernier with locking screw, presetting function keyboard.

COD. 1	€	Range mm	Jaws mm	Jaws thickness mm
AA176150	155,00	34 ÷ 150	50	5
AA176200	185,00	34 ÷ 200	50	5

Tips to be ordered separately
See on Alpa catalogue pag. A.40

Digital caliper with interchangeable tips

Resolution 0,01mm. Matt-chrome finish scale, ON/OFF button, zero setting at any position and incremental zero setting (ABS), vernier with micrometric adjustment and locking screw, complete with a couple of M2.5 thread cylindrical probe tips.

COD. 1	€	Inside mm	External mm	Jaws mm
AA077300	400,00	40 ÷ 300	0 ÷ 300	75
AA077500	515,00	50 ÷ 500	0 ÷ 500	88

Tips to be ordered separately
See on Alpa catalogue pag. A.40

Inside groove vernier caliper

Stainless steel structure, 1/20 vernier gauge, 0,05mm reading, matt-chrome finish scale, vernier with locking-screw.

COD. 1	€	Range mm	Max groove depth mm	Jaws mm
AB067160	60,00	9,5 ÷ 160	3	25
AB067200	95,00	26 ÷ 200	7	60
AB067300	140,00	60 ÷ 300	10	100

Inside grooves digital caliper

Resolution 0,01mm. Stainless steel structure. ON/OFF button, zero setting at any position, cursor with locking screw and large LCD display. Suitable for measuring inside groove distances.

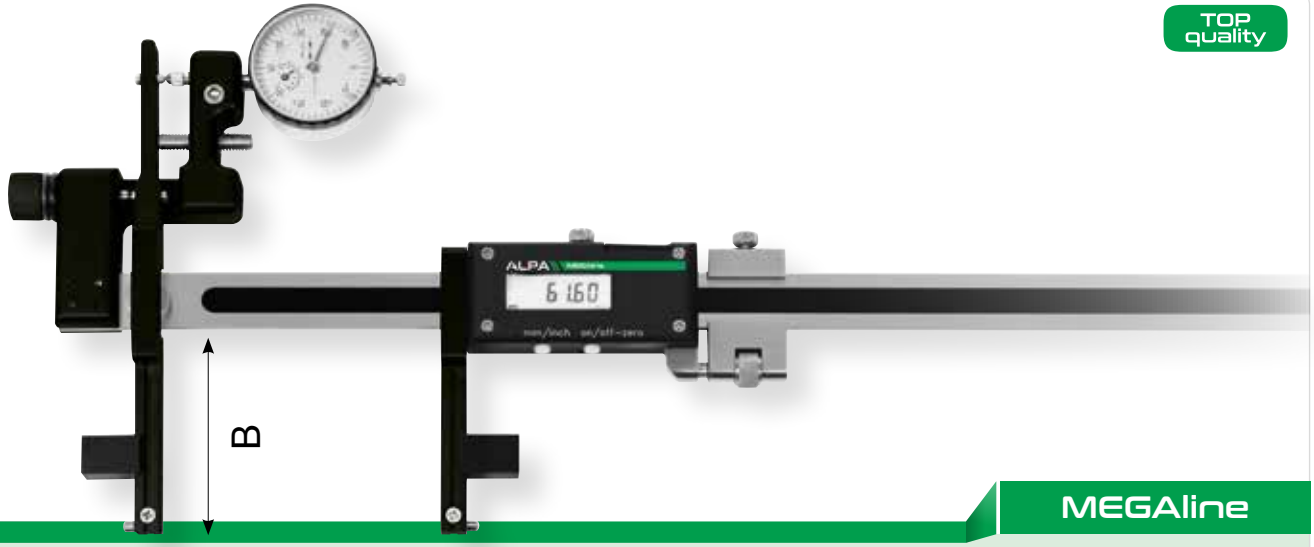
COD. 1	€	Range mm
AA188125	135,00	3 ÷ 125
AA188200	170,00	3 ÷ 200

Long internal jaws digital caliper

Resolution 0,01mm. Matt-chrome finish scale, ON/OFF button, zero setting at any position, vernier with locking screw.

COD. 1	€	Range mm	Jaws mm
AA104150	130,00	0 ÷ 150	40
AA104200	150,00	0 ÷ 200	50
AA104300	180,00	0 ÷ 300	62

TOP quality



MEGAline

IP54 Universal digital caliper with dial gauge

Resolution 0,01mm - Protected against dust, water resistant, swiss made electronics, ON/OFF button, zero setting at any position, cursor with locking screw, fine adjustment, interchangeable threaded contacts. Provided with dial gauge 0,01 ø 40mm, couple of spherical threaded caps ø 3mm.

On request available in mechanical version.

COD. 1	€	Range mm	Section mm	Length mm	B mm
AA120200	1.700,00	20 ÷ 200 x 60	18 x 4	325	55
AA120300	1.850,00	24 ÷ 300 x 80	22 x 5	435	75
AA120500	2.200,00	24 ÷ 500 x 80		635	

For tips see on Alpa catalogue pag. A.40

TOP quality

MEGAline

IP54 Digital caliper with gauge

Digital caliper for inside/outside measurements with Spring System. Carbon fiber structure, swiss made electronic, ON/OFF button, zero setting at any position, cursor with locking screw, fine adjustment. Range Spring System 20mm. Provided with dial gauge 0,01mm, adaptor and couple of spherical caps ø 3mm (on demand disk jaws ø 20mm).

COD. 1	€	Range mm	Section mm	Length mm
AA125400	2.390,00	0 ÷ 400	30 x 20	550
AA125600	2.640,00	0 ÷ 600		750
AA125800	3.210,00	0 ÷ 800		950
AA1251000	3.500,00	0 ÷ 1000		1300
AA1251500	3.950,00	0 ÷ 1500	47 x 20	1800
AA1252000	4.790,00	0 ÷ 2000		2300
AA1252500	5.540,00	0 ÷ 2500		2800
AA1253000	5.600,00	0 ÷ 3000		3300

For tips see on Alpa catalogue pag. A.40

COD.1 **3.450€**

BA41002SET

Universal gauge (standard set)

Standard Universal Gauge. It includes, the Univesal Gauge: digital Indicator with cowl, measuring arms 50 mm (Pair), depth-stops (Pair), clamping inserts (Pair), spherical contacts (Pair). Dial indicator with Bluetooth available on request.

- **Measuring range enlargeable up to 3000mm with extensions**
- **Digital or mechanical readout display**
- **Special anvil designs available P.O.A**

Extension for universal gauge

Carbon fiber extension for Universal Gauge to increase measuring range.

COD. 1	€	Extension mm	Material
BA424150C	180,00	150	Steel
BA424500C	580,00	500	Carbon
BA4241000C	770,00	1000	

BA424500C BA424150C

COD.1 **4.840€**

BA4000SET

Universal gauge (large set)

Large set for standard Universal Gauge. It includes, besides the Univesal Gauge itself: digital/analogue Indicator with cowl, measuring arms 50, 75, 100 mm (pair), 20 mm disc anvils for measuring grooves (pair), 12 mm disc anvils internal/external for measuring grooves (pair), shoulder anvils flat outside spigot diameter (pair), semi-cylindrical anvils for inside register diameters (pair), depth-stops (pair), clamping inserts (pair), flat measuring anvil (pair), spherical contacts (pair), mounting attachment (pair). Dial indicator with Bluetooth available on request.

- **Measuring range enlargeable up to 3000mm with extensions**
- **Digital or mechanical readout display**
- **Special anvil designs available P.O.A**

Extension for universal gauge

Carbon fiber extension for Universal Gauge to increase measuring range.

COD. 1	€	Extension mm	Material
BA424150C	180,00	150	Steel
BA424500C	580,00	500	Carbon
BA4241000C	770,00	1000	

BA424500C BA424150C

TOP quality

MEGAline

IP54 Internal electronic gauge measurement for seeger

Resolution 0,01 mm. Preset Swiss electronics.

COD. 1	€	Range mm	Min hole ø mm	Max depth mm
BA37030	495,00	6 ÷ 30	8	50
BA37032	495,00	8 ÷ 32	10	
BA37036	495,00	12 ÷ 36	12	
BA37056	495,00	32 ÷ 56	32	
BA37066	495,00	42 ÷ 66	42	

TOP quality

MEGAline

IP54 External electronic gauge measurement

Resolution 0,01 mm. Preset Swiss electronics.

COD. 1	€	Range mm	Max depth mm
BA3805024	495,00	0 ÷ 24	50
BA3805041	495,00	17 ÷ 41	

TOP quality

MEGAline

IP54 Internal electronic gauge measurement for bores and walls

Resolution 0,01 mm. Preset Swiss electronics.

COD. 1	€	Range mm	Max run ø mm	Max depth mm
BA39050	550,00	22 ÷ 46	25	50

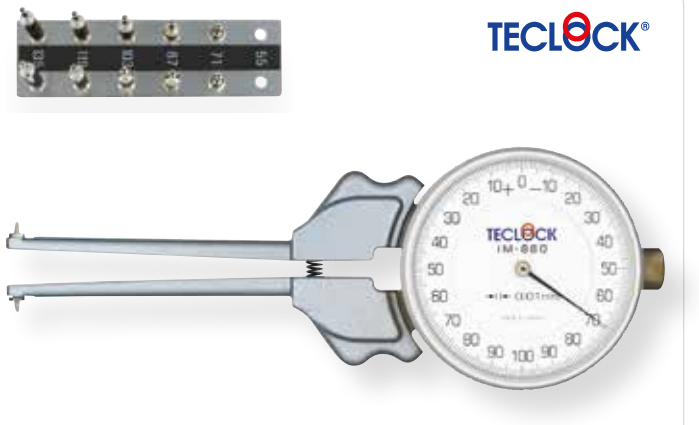
TOP quality

MEGAline

IP54 External electronic gauge measurement for seeger

Resolution 0,01 mm. Swiss electronics.

COD. 1	€	Range mm	Max depth mm
BA39524	495,00	0 ÷ 24	50
BA39544	525,00	20 ÷ 44	



High precision fast internal dial snap gauge

Resolution 0,01mm. Registered anti-shock 2mm movement for high accuracy measurement with gear mechanism. Cast iron frame, maximum stability and repeatability, large, easy to read dial. Interchangeable point anvils to measure deep and narrow grooves. Accuracy ± 0,01mm.

COD. 1	€	Range mm	Length mm	Spare contact points
BB36534	300,00	20 ÷ 35	165	7 set M2,5
BB36560	300,00	30 ÷ 62	170	5 set M3,5
BB365150	320,00	55 ÷ 153	183	6 set M3,5

Fast internal dial snap gauge

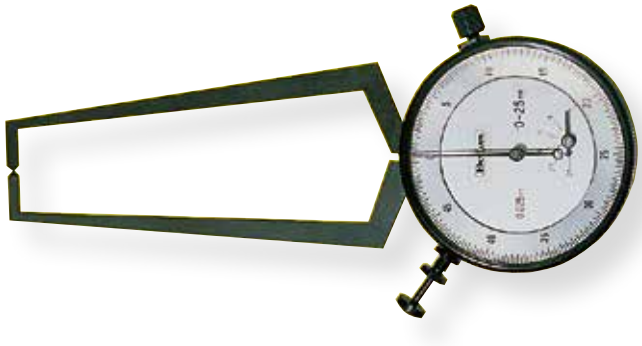
Resolution 0,01mm. Light weight frame, rotating dial, hardened stainless steel spherical contacts. Accuracy ± 0,04mm.

COD. 1	€	Range mm	Length mm	Spare contact points
BB360409	280,00	3 ÷ 9	40	7 set M2,5
BB3604018	165,00	6 ÷ 18	40	5 set M3,5

Fast internal dial snap gauge

Resolution 0,01mm. Light weight frame, rotating dial, hardened stainless steel spherical contacts. Accuracy ± 0,04mm.

COD. 1	€	Range mm	Length mm
BB3626430	255,00	10 ÷ 30	64
BB3626450	265,00	30 ÷ 50	64
BB3626470	310,00	50 ÷ 70	64



Fast external dial snap gauge

Resolution 0,025mm. Fast, accurate and easy use, hardened stainless steel measuring surfaces. Adjustable, accuracy ± 0,06mm.

COD. 1	€	Range mm	Length mm
BB37525	255,00	0 ÷ 25	80

MICROMETERS

IP67 Digital Bluetooth micrometer

Resolution 0,001 mm. Automatic wake-up by moving the measuring spindle. Auto sleep mode. IP67 protection rating. Bluetooth data transmission. Spindle feed of 1 mm per thimble revolution.

COD. 1	€	Range mm	Accuracy mm
BA015025	460,00	0 ÷ 25	± 0,001
BA015050	600,00	25 ÷ 50	
BA015075	615,00	50 ÷ 75	
BA015100	645,00	75 ÷ 100	± 0,002

TOP quality

MEGAwhiz

IP67 Digital micrometer

Automatic wake-up by moving the measuring spindle, sleeping mode after 20 min of no use (system S.I.S.). Position memorized in sleeping mode (system S.I.S.), absolute system. Protection rating IP67 according to IEC 60529, even connected, for heavy-duty work with coolants and lubricants. Quick displacement of measuring spindle 10mm/rotation. Adjustable measuring force 5N/10N (version BA01030), repeatability never reached before. Thimble in polyacetal-copolymer. Non rotating spindle.

COD. 1	€	Range mm	Dimensions mm
BA01030	390,00	0 ÷ 30	63 x 181
BA01066	580,00	30 ÷ 66	86 x 230
BA010102	700,00	66 ÷ 102	106 x 269

IMPORTANT: The positioning and quality of the rubber joint surrounding the battery cover must be checked after each battery change. The correct positioning of this rubber joint is essential to guarantee protection IP67.

Exacto

IP65 Fast forward digital micrometer

Resolution 0,001mm. Protection against dust and liquids, ABS function to return to absolute scale, fast forward 2mm/revolution. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BA02025	120,00	0 ÷ 25	± 0,001

Exacto

IP65 digital micrometer

Resolution 0,001mm. Protection against dust and liquids, ABS function to return to absolute scale. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BA02525	95,00	0 ÷ 25	± 0,001
BA02550	105,00	25 ÷ 50	
BA02575	160,00	50 ÷ 75	
BA025100	200,00	75 ÷ 100	± 0,002
BA025125	210,00	100 ÷ 125	
BA025150	215,00	125 ÷ 150	

COD. 1	€	Range mm	Accuracy mm
BA025175	235,00	150 ÷ 175	± 0,003
BA025200	255,00	175 ÷ 200	
BA025225	275,00	200 ÷ 225	± 0,004
BA025250	300,00	225 ÷ 250	
BA025275	320,00	250 ÷ 275	± 0,005
BA025300	335,00	275 ÷ 300	

Micrometer holder

Cast iron stand and light alloy interchangeable clamp.

COD. 1	€	Dimensions mm
BC060B	18,00	170 x 120 x 120h

KIT 130€
BA02725 + BA02750

Exacto

Digital micrometer
Resolution 0,001mm. Painted frame.

COD. 1	€	Range mm	Resolution mm
BA02725	70,00	0 ÷ 25	0,001
BA02750	80,00	25 ÷ 50	

Exacto

IP65 One spherical contact digital micrometer
Resolution 0,001mm. Painted frame, protected against dust, water resistant, absolute and incremental measurement, automatic power off.

COD. 1	€	Range mm	Accuracy mm
BA07025	150,00	0 ÷ 25	± 0,002

Exacto

IP65 Spherical contacts digital micrometer
Resolution 0,001mm. Painted frame, protected against dust, water resistant, absolute and incremental measurement.

COD. 1	€	Range mm	Accuracy mm
BA06525	170,00	0 ÷ 25	± 0,002

Exacto

IP65 Disk digital micrometer

Resolution 0,001mm. For gear measurement. Non-rotating spindle, painted frame, protected against dust and water. mm/inch conversion.

COD. 1	€	Range mm	Accuracy mm	Disk ømm
BA05025	190,00	0 ÷ 25	± 0,004	20
BA05050	210,00	25 ÷ 50		
BA05075	220,00	50 ÷ 75	± 0,005	
BA050100	225,00	75 ÷ 100		

Exacto

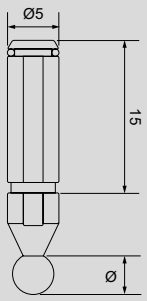
IP65 Interchangeable spherical contacts digital micrometer

Resolution 0,001 mm. Micrometer with ball-tipped measuring faces supplied separately (BC023) to measure straight and tapered external gears.

COD. 1	€	Range mm	Accuracy mm
BA07525	220,00	0 ÷ 25	± 0,002
BA07550	230,00	25 ÷ 50	
BA07575	240,00	50 ÷ 75	± 0,002
BA075100	250,00	75 ÷ 100	
BA075125	260,00	100 ÷ 125	
BA075150	275,00	125 ÷ 150	

Interchangeable spherical tips

Pair of interchangeable spherical tips for micrometers.



COD. 1	€	Ball diameter couple mm	Module
BC02310	60,00	1	0,6 - 0,65
BC02315		1.5	0,9 - 1
BC02320		2	1,25
BC02325		2.5	1,5
BC02330		3	1,75
BC02335		3.5	2
BC02340		4	2,25
BC02350		5	2,75
BC02360		6	3,5

Exacto

Anvils 60°

n°	Metric thread mm	UN-UNC-UNF thread inch
1	0,4 - 0,5	64 - 48
2	0,6 - 0,9	44 - 28
3	1,0 - 1,75	24 - 14
4	2,0 - 3,0	13 - 9
5	3,5 - 5,0	8 - 5
6	5,5 - 7	4,5 - 3,5

IP65 Outside thread digital micrometer

Resolution 0,001mm. 60° anvil to measure pitch diameter and metric screw threads. Painted frame, protected against dust and water.

COD. 1	€	Range mm	Accuracy mm	Included set anvils 60°
BA08025	215,00	0 ÷ 25	± 0,002	1-2-3-4-5
BA08050	220,00	25 ÷ 50		2-3-4-5-6
BA08075	230,00	50 ÷ 75		3-4-5-6
BA080100	255,00	75 ÷ 100	± 0,003	
BA080125	295,00	100 ÷ 125		4-5-6
BA080150	315,00	125 ÷ 150		

Exacto

IP65 Blade contacts digital micrometer

Resolution 0,001mm. Protection against dust and liquids, ABS function to return to absolute scale, fast forward 2mm/revolution. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BA06025	175,00	0 ÷ 25	± 0,002
BA06050	200,00	25 ÷ 50	
BA06075	220,00	50 ÷ 75	± 0,003
BA060100	235,00	75 ÷ 100	

Exacto

IP65 Digital micrometer head

Resolution 0,001mm. Protected against dust, water resistant.

COD. 1	€	Range mm	Accuracy mm
BA08725	165,00	0 ÷ 25	± 0,003
BA08750	215,00	0 ÷ 50	± 0,005

Exacto

Indicator snap micrometer

Resolution 0,001mm. Retractable anvil with indicator for accurate measurement of mass-produced parts. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BB04025	270,00	0 ÷ 25	± 0,003
BB04050	290,00	25 ÷ 50	
BB04075	320,00	50 ÷ 75	± 0,004
BB040100	410,00	75 ÷ 100	

Exacto

IP54 Indicator snap micrometer

Resolution 0,001mm. Retractable anvil with indicator for accurate measurement of mass-produced parts. Painted frame..

COD. 1	€	Range mm	Accuracy mm
BB04525	300,00	0 ÷ 25	± 0,001
BB04550	320,00	25 ÷ 50	
BB04575	340,00	50 ÷ 75	
BB045100	445,00	75 ÷ 100	

Exacto

Micrometer with counter

Resolution 0,01mm. Painted frame, mechanical digit counter for quick reading.

COD. 1	€	Range mm	Accuracy mm
BB01025	39,00	0 ÷ 25	± 0,004
BB01050	45,00	25 ÷ 50	
BB01075	53,00	50 ÷ 75	± 0,005
BB010100	59,00	75 ÷ 100	

Exacto

Big thimble micrometer

Resolution 0,01mm. Forward 1mm/revolution. With big barrel. Painted frame. Sensitive friction positioned onto the feeding unit assay.

COD. 1	€	Range mm	Accuracy mm
BB03025	58,00	0 ÷ 25	± 0,004
BB03050	62,00	25 ÷ 50	
BB03075	68,00	50 ÷ 75	± 0,005
BB030100	85,00	75 ÷ 100	
BB030125	92,00	100 ÷ 125	± 0,006
BB030150	105,00	125 ÷ 150	
BB030175	120,00	150 ÷ 175	± 0,007
BB030200	135,00	175 ÷ 200	

Exacto

Outside micrometer

Resolution 0,01mm. Matt-chrome finish graduated unit, sensitive friction positioned onto the feeding unit assay, heat-insulating and painted frame cover.

COD. 1	€	Range mm	Resolution mm
BB002025	30,00	0 ÷ 25	0,01
BB002050	49,00	25 ÷ 50	
BB002075	63,00	50 ÷ 75	
BB002100	68,00	75 ÷ 100	
BB002125	88,00	100 ÷ 125	
BB002150	97,00	125 ÷ 150	
BB002175	125,00	150 ÷ 175	
BB002200	167,00	175 ÷ 200	
BB00325	25,00	0 ÷ 25	0,01

Outside micrometer

Resolution 0,01mm. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BB01525	25,00	0 ÷ 25	± 0,004
BB01550	28,00	25 ÷ 50	
BB01575	30,00	50 ÷ 75	± 0,005
BB015100	32,00	75 ÷ 100	
BB015125	35,00	100 ÷ 125	± 0,006
BB015150	40,00	125 ÷ 150	
BB015175	48,00	150 ÷ 175	± 0,007
BB015200	52,00	175 ÷ 200	
BB015225	59,00	200 ÷ 225	± 0,008
BB015250	65,00	225 ÷ 250	
BB015275	75,00	250 ÷ 275	± 0,009
BB015300	80,00	275 ÷ 300	

Outside micrometers set

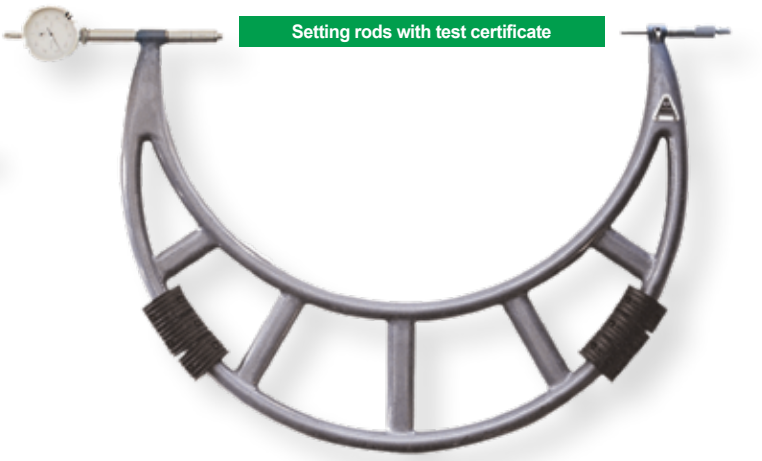
Resolution 0,01mm. Painted frame.

COD. 1	€	Range mm	Composition
BB020100SET	96,00	Set 0 ÷ 100	BB01525 - BB01550 BB01575 - BB015100
BB020150SET	160,00	Set 0 ÷ 150	BB01525 - BB01550 - BB01575 BB015100 - BB015125 - BB015150
BB020300SET	490,00	Set 0 ÷ 300	BB01525 - BB01550 - BB01575 BB015100 - BB015125 - BB015150 BB015175 - BB015200 - BB015225 BB015250 - BB015275 - BB015300

Micrometer holder

Cast iron stand and light alloy interchangeable clamp.

COD. 1	€	Dimensions mm
BC060B	18,00	170 x 120 x 120h



Outside micrometer

Resolution 0,01mm. Wide measuring range and high accuracy, suitable for mass measurement. Dial gauge with resolution 0,01mm, measuring range 0-5mm, maximum force 10N. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BB007100	220,00	0 ÷ 100	± 0,006
BB007200	295,00	100 ÷ 200	± 0,007
BB007300	340,00	200 ÷ 300	± 0,008

Wooden packaging non-contestable in case of breakage during transport

COD. 1	€	Range mm	Accuracy mm
BB007400	465,00	300 ÷ 400	± 0,009
BB007500	485,00	400 ÷ 500	± 0,010
BB007600	545,00	500 ÷ 600	± 0,011
BB007700	655,00	600 ÷ 700	± 0,012
BB007800	740,00	700 ÷ 800	± 0,013
BB007900	870,00	800 ÷ 900	± 0,014
BB0071000	985,00	900 ÷ 1000	± 0,015

Wooden packaging non-contestable in case of breakage during transport

Exacto

Outside micrometer

0,01mm Resolution. Matt-chrome finish graduated spindle and thimble, sensitive friction positioned onto the feeding unit assay, heat-insulating frame cover. Painted frame.

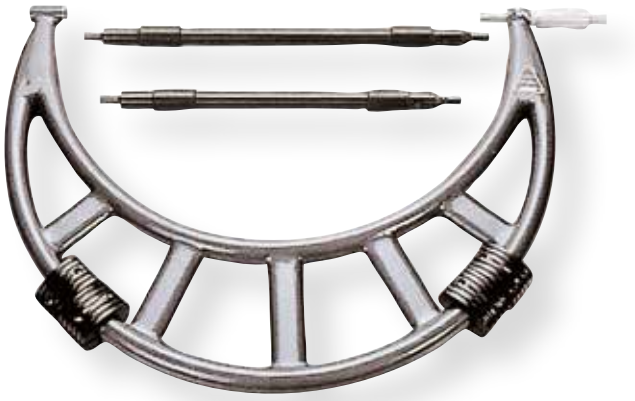
COD. 1	€	Range mm	Resolution mm	Weight kg
BB004300	410,00	200 ÷ 300	0,01	1,7
BB004400	705,00	300 ÷ 400		2,5
BB004500	760,00	400 ÷ 500		3

Light weigth outside micrometer

Resolution 0,01mm. Cast aluminum frame. Matt-chrome finish graduated spindle and thimble, sensitive friction positioned onto the feeding unit assay, heat-insulating frame cover.

COD. 1	€	Range mm	Resolution mm	Weight kg
BB008600	1.075,00	500 ÷ 600	0,01	3,7
BB008700	1.185,00	600 ÷ 700		4,3
BB008800	1.415,00	700 ÷ 800		4,6
BB008900	1.595,00	800 ÷ 900		5,6
BB0081000	1.885,00	900 ÷ 1000		6,8

Wooden packaging non-contestable in case of breakage during transport



Setting rods with test certificate available up to 900 ÷ 1000

Outside micrometer

Resolution 0,01mm. Satin-chromed graduated spindle and thimble, sensitive friction, stop lever. Complete with zero-setting standards. Painted frame.

COD. 1	€	Range mm	Accuracy mm
BB006100	120,00	0 ÷ 100	± 0,007
BB006200	175,00	100 ÷ 200	± 0,008
BB006300	200,00	200 ÷ 300	± 0,009
BB006400	265,00	300 ÷ 400	± 0,011
BB006500	290,00	400 ÷ 500	± 0,013

Wooden packaging non-contestable in case of breakage during transport

COD. 1	€	Range mm	Accuracy mm
BB006600	350,00	500 ÷ 600	± 0,015
BB006700	405,00	600 ÷ 700	± 0,016
BB006800	480,00	700 ÷ 800	± 0,018
BB006900	580,00	800 ÷ 900	± 0,020
BB0061000	650,00	900 ÷ 1000	± 0,020
BB0061200	1.090,00	1000 ÷ 1200	± 0,020
BB0061400	1.250,00	1200 ÷ 1400	± 0,024
BB0061600	1.400,00	1400 ÷ 1600	± 0,028
BB0061800	1.540,00	1600 ÷ 1800	± 0,031
BB0062000	1.660,00	1800 ÷ 2000	± 0,034

Wooden packaging non-contestable in case of breakage during transport

Inside micrometer with extension rods

Resolution 0,01mm. Tungsten carbide tipped. Provided with wooden case.

COD. 1	€	Range mm	Extension rods mm	Composition mm
BB25063	78,00	50 ÷ 63	-	Only micrometer head
BB250150	90,00	50 ÷ 150	16	13 - 25 - 50
BB250300	110,00	50 ÷ 300		13 - 25 - 50 (2 pz) - 100
BB250600	170,00	50 ÷ 600		13 - 25 - 50 - 100 - 150 - 200
BB2501000	430,00	50 ÷ 1000		13 - 25 - 50 100 (2 pz) - 150 200 - 300
BB2501500	690,00	50 ÷ 1500		13 - 25 - 50 - 100 (2 pz) - 150 - 200 (2 pz) - 300 (2 pz)
BB2502000	990,00	150 ÷ 2000	23	25 - 50 (2 pz) - 100 - 200 (2 pz) - 400 (3 pz)
BB2503000	1.650,00	1000 ÷ 3000	28	50 - 100 (2 pz) - 200 - 500 - 1000 (2 pz)

Analogue bore gauge

Bowers XT Analogue Bore Gauges are a perfect solution for accurate bore measurement. Their wide application range, 2-300mm, rugged construction and easy read scale, ensure both accuracy and ease of use. XT measuring heads and setting rings are supplied with UKAS certification.

2-6mm 2 point, 6-300mm 3 point measurement.

Blind bore measurement between 2-6mm and from 12,5 to 300 mm.

SINGLE GAUGE SUPPLIED WITH SETTING RING AND UKAS CERTIFICATES

COD. 1	€	Range mm	Accuracy mm	Depth mm	Ring mm
BB3002,5	730,00	2 ÷ 2,5	± 0,002	9	2,50
BB3003	730,00	2,5 ÷ 3			
BB3004	645,00	3 ÷ 4		12	4
BB3005	645,00	4 ÷ 5		18	
BB3006	645,00	5 ÷ 6			5
BB3008	340,00	6 ÷ 8		58	8
BB30010	320,00	8 ÷ 10			
BB30012,5	320,00	10 ÷ 12,5			12,50
BB30016	320,00	12,5 ÷ 16		62	
BB30020	330,00	16 ÷ 20			20
BB30025	370,00	20 ÷ 25		66	
BB30035	500,00	25 ÷ 35			35
BB30050	530,00	35 ÷ 50		80	
BB30065	590,00	50 ÷ 65	± 0,0025		65
BB30080	650,00	65 ÷ 80			
BB300100	790,00	80 ÷ 100		100	80
BB300125	820,00	100 ÷ 125	± 0,003	115	125
BB300150	920,00	125 ÷ 150			

BORE GAUGE SET WITH UKAS CERTIFICATE

COD. 1	€	Range mm	Micrometer n°	Ring n°
BB3103SET	1.400,00	2 ÷ 3	2	1
BB3106SET	1.900,00	3 ÷ 6	3	2
BB31010SET	620,00	6 ÷ 10	2	1
BB31020SET	890,00	10 ÷ 20	3	2
BB31050SET	1.460,00	20 ÷ 50		
BB310100SET	1.950,00	50 ÷ 100		
BB310150SET	1.500,00	100 ÷ 150	2	1
BB310200SET	2.150,00	150 ÷ 200		

SINGLE GAUGE WITH UKAS CERTIFICATE WITHOUT SETTING RING

BB300175W	990,00	150 ÷ 175	± 0,0035	115	175
BB300200W	1.200,00	175 ÷ 200			
BB300225W	1.290,00	200 ÷ 225	± 0,004	118	225
BB300250W	1.330,00	225 ÷ 250			
BB300275W	1.390,00	250 ÷ 275	± 0,0045		275
BB300300W	1.490,00	275 ÷ 300			

EXTENSIONS

COD. 1	€	Length mm	For heads mm
BC07510	115,00	63	6 ÷ 10
BC07512,5	115,00	76	10 ÷ 12,5
BC07520	115,00	100	12,5 ÷ 20
BC07550	170,00	150	20 ÷ 50
BC075300	190,00		50 ÷ 300

SETTING RINGS WITH UKAS CERTIFICATE

COD. 1	€	UKAS certified setting rings mm
BC080175	372,00	175
BC080225	675,00	225
BC080275	990,00	275

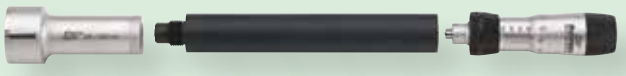
UKAS CALIBRATION
CALIBRATION No. 0268

IP67 Bluetooth digital bore gauge micrometer

Bowers XT Digital internal micrometers give the operator the advantage of traditional quality ratchet gauges allied to advanced IP67 electronics. The extended mechanical travel of the XT range means that special heads can be also manufactured to satisfy custumer's most awkward measuring problems. Measuring heads for threads, splines slots, grooves, deep-holes and many more applications are available on request. The Bowers XT range of internal micrometers can be supplied as individual instruments or in complete sets. All XT instruments give the custumer the advantage of extended measuring range with fixed anvils and UKAS certification of both measuring heads and setting rings as standard. **2-6mm 2 point, 6-300mm 3 point measurement.**
Blind bore measurement between 2-6mm and from 12,5 to 300 mm.

BORE GAUGE SET WITH UKAS CERTIFICATE

COD. 1	€	Range mm	Heads n°	Ring n°
BA2126SET	3.200,00	2 ÷ 6	5	3
BA21210SET	1.490,00	6 ÷ 10	2	1
BA21220SET	1.700,00	10 ÷ 20	3	2
BA21250SET	2.350,00	20 ÷ 50		
BA212100SET	2.600,00	50 ÷ 100		
BA212150SET	2.060,00	100 ÷ 150	2	1
BA212200SET1	2.720,00	150 ÷ 200		
BA212200SET2	4.450,00	100 ÷ 200	4	2



EXTENSIONS

COD. 1	€	Length mm	For heads mm
BC07510	115,00	63	6 ÷ 10
BC07512,5	115,00	76	10 ÷ 12,5
BC07520	115,00	100	12,5 ÷ 20
BC07550	170,00	150	20 ÷ 50
BC075300	190,00		50 ÷ 300

SINGLE GAUGE SUPPLIED WITH SETTING RING AND UKAS CERTIFICATES

COD. 1	€	Range mm	Accuracy mm	Depth mm	Ring mm
BA2113	1.420,00	2,5 ÷ 3	± 0,002	9	2,50
BA2114	1.420,00	3 ÷ 4		12	4
BA2115	1.420,00	4 ÷ 5		18	
BA2116	1.420,00	5 ÷ 6			5
BA2118	1.010,00	6 ÷ 8		58	8
BA21110	1.020,00	8 ÷ 10			
BA21112,5	1.040,00	10 ÷ 12,5			12,50
BA21116	1.040,00	12,5 ÷ 16		62	
BA21120	1.080,00	16 ÷ 20			20
BA21125	1.350,00	20 ÷ 25		66	
BA21135	1.480,00	25 ÷ 35			35
BA21150	1.550,00	35 ÷ 50		80	
BA21165	1.650,00	50 ÷ 65	± 0,0025		65
BA21180	1.700,00	65 ÷ 80			
BA211100	1.740,00	80 ÷ 100		100	80
BA211125	1.800,00	100 ÷ 125	± 0,003	115	125
BA211150	1.800,00	125 ÷ 150			

SINGLE GAUGE WITH UKAS CERTIFICATE WITHOUT SETTING RING

BA211175W	1.780,00	150 ÷ 175	± 0,0035	115	175
BA211200W	1.890,00	175 ÷ 200			
BA211225W	2.140,00	200 ÷ 225	± 0,004	118	225
BA211250W	2.400,00	225 ÷ 250			
BA211275W	2.450,00	250 ÷ 275	± 0,0045		275
BA211300W	2.700,00	275 ÷ 300			

Bluetooth connection device
For pc or laptop data transmission

90€
BC076BLE

SETTING RINGS WITH UKAS CERTIFICATE

COD. 1	€	UKAS certified setting rings mm
BC080175	372,00	175
BC080225	675,00	225
BC080275	990,00	275

BOWERS

UKAS CALIBRATION
CALIBRATION No. 0268

IP67 Bluetooth digital pistol grip bore gauge

Digital pistol-grip micrometer bore gauge. Advanced trigger action, Fast and accurate measurement. IP67 electronics, simple 2-button operation, 4 preset memories, tolerances. Blind bore measurement above 12.5mm. Supplied with wooden case. Setting rings and UKAS certificates included.

2-6mm 2 point, 6-300mm 3 point measurement.
Blind bore measurement between 2-6mm and from 12,5 to 300 mm.

SINGLE GAUGE SUPPLIED WITH SETTING RING AND UKAS CERTIFICATES

COD. 1	€	Range mm	Accuracy mm	Profondità mm	Anello mm
BA2258	1.240,00	6 ÷ 8	± 0,002	58	8
BA22510	1.150,00	8 ÷ 10			
BA22512,5	1.250,00	10 ÷ 12,5			12,50
BA22516	1.280,00	12,5 ÷ 16		62	
BA22520	1.340,00	16 ÷ 20			20
BA22525	1.450,00	20 ÷ 25		66	
BA22535	1.530,00	25 ÷ 35			35
BA22550	1.570,00	35 ÷ 50		80	
BA22565	1.575,00	50 ÷ 65	± 0,0025		65
BA22580	1.575,00	65 ÷ 80			
BA225100	1.680,00	80 ÷ 100		85	80
BA225125	1.770,00	100 ÷ 125	± 0,003	100	125
BA225150	1.880,00	125 ÷ 150			
BA225175	1.970,00	150 ÷ 175	± 0,0035		175
BA225200	2.050,00	175 ÷ 200			

SMALL SET WITH UKAS CERTIFICATE

COD. 1	€	Range mm	Heads n°	Ring n°
BA2423SET	3.240,00	2 ÷ 6	5	3
BA24210SET	1.500,00	6 ÷ 10	2	1
BA24220SET	1.750,00	10 ÷ 20	3	2
BA24250SET	2.200,00	20 ÷ 50		
BA242100SET	2.490,00	50 ÷ 100		
BA242150SET	2.130,00	100 ÷ 150	2	1
BA242200SET	2.650,00	150 ÷ 200		

LARGE SET WITH UKAS CERTIFICATE

COD. 1	€	Range mm	Heads n°	Ring n°
BA24220SETL	2.020,00	6 ÷ 20	5	3
BA242100SETL	3.220,00	20 ÷ 100	6	
BA242200SETL	4.900,00	100 ÷ 200	4	2

EXTENSIONS

COD. 1	€	Length mm	For heads mm
BC07510	115,00	63	6 ÷ 10
BC07512,5	115,00	76	10 ÷ 12,5
BC07520	115,00	100	12,5 ÷ 20
BC07550	170,00	150	20 ÷ 50
BC075300	190,00		50 ÷ 300

SINGLE GAUGE WITH UKAS CERTIFICATE WITHOUT SETTING RING

BA225225W	2.250,00	200 ÷ 225	± 0,004	100	225
BA225250W	2.500,00	225 ÷ 250		103	
BA225275W	2.550,00	250 ÷ 275	± 0,0045		275
BA225300W	2.860,00	275 ÷ 300			

Bluetooth connection device
For pc or laptop data transmission

90€

BC076BLE

SETTING RINGS WITH UKAS CERTIFICATE

COD. 1	€	UKAS certified setting rings mm
BC080175	372,00	175
BC080225	675,00	225
BC080275	990,00	275

UKAS CALIBRATION
CALIBRATION No. 0268

Bowers microgauge set

The new MicroGauge 2-point bore gauging system has been designed specifically for the measurement of small bores between 1.0-6.0mm.

- New easy to read slimline digital display
- Switchable resolution 0,01/0,001/0,0005mm
- Proximity data output
- Repeatability: 0,001mm
- UKAS-certificates as standard with all setting rings
- Hard-chromed ball-contacts

SMALL SET WITH RING AND UKAS CERTIFICATE

COD. 1	€	Range mm
BA270155SET	2.520,00	0,95 ÷ 1,55
BA270245SET	1.580,00	1,50 ÷ 2,45
BA270425SET	2.240,00	2,25 ÷ 4,25
BA270635SET	1.820,00	3,65 ÷ 6,35
BA2701035SET	2.570,00	6,15 ÷ 10,35

Set: Including digital readout, measuring heads, depth stop and setting rings with UKAS certificate.

LARGE SET WITH RING AND UKAS CERTIFICATE

COD. 1	€	Range mm
BA270245SETL	3.050,00	0,95 ÷ 2,45
BA270425SETL	2.840,00	1,50 ÷ 4,25
BA270635SETL	2.870,00	2,25 ÷ 6,35

Set: Including digital readout, measuring heads, depth stop and setting rings with UKAS certificate.

Compact size for a great versatility of use

Depht stop included

Three points internal micrometers set

Complete with zero-setting rings and extension (100mm -150mm).

COD. 1	€	Range mm	Single instruments mm	Rings ø mm	Extension mm
BB27212SET	640,00	6 ÷ 12	6-8/8-10/10-12	6/8/10	100
BB27220SET	310,00	12 ÷ 20	12-16/16-20	16	150
BB27240SET	660,00	20 ÷ 40	20-25/25-30/30-40	25/40	
BB272100SET	1.290,00	40 ÷ 100	40-50/50-63/62-75/75-88/87-100	40/62/87	

Three points inside micrometer

Measurement range reading 6-12mm 0,001, over 0,005mm. Graduated feeding unit assay with sensible friction, satin-chromed version. Complete with setting ring and extension rod.

COD. 1	€	Range mm	Accuracy mm	Ring ø mm	Extension mm
BB2708	270,00	6 ÷ 8	± 0,004	6	100
BB27010	275,00	8 ÷ 10		8	
BB27012	275,00	10 ÷ 12		10	
BB27016	190,00	12 ÷ 16		16	150
BB27020	190,00	16 ÷ 20			
BB27025	255,00	20 ÷ 25		25	
BB27030	255,00	25 ÷ 30			
BB27040	295,00	30 ÷ 40		40	
BB27050	335,00	40 ÷ 50	± 0,005		
BB27063	335,00	50 ÷ 63		62	
BB27075	360,00	62 ÷ 75			
BB27088	360,00	75 ÷ 88		87	
BB270100	395,00	87 ÷ 100			

Three points inside micrometer

Graduated feeding unit assay with sensible friction, chromed version.

COD. 1	€	Range mm	Accuracy mm
BB271125	400,00	100 ÷ 125	± 0,005
BB271150	400,00	125 ÷ 150	
BB271175	400,00	150 ÷ 175	
BB271200	400,00	175 ÷ 200	
BB271225	595,00	200 ÷ 225	± 0,010
BB271250	595,00	225 ÷ 250	
BB271275	595,00	250 ÷ 275	
BB271300	595,00	275 ÷ 300	

pag. 51 for setting rings

INDICATORS

TOP quality

MEGArod

IP67 Digital indicator

Tough construction, water resistant. IP67 protection according to IEC 60529, even connected. Technology with configurable menus. Broad choice of functions (min/max, delta, tol, factor, preset, auto off, ecc.). Automatic wake up and sleeping mode, absolute system. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CA01012,5	498,00	0 ÷ 12,5	0,001	59,50
CA01025	545,00	0 ÷ 25		
CA01050	960,00	0 ÷ 50		

TOP quality

MEGArod

IP54 Digital indicator

Tough construction, water and coolant resistant. Technology with configurable menus. Automatic wake-up and sleeping mode, absolute system. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CA01812,5C	310,00	0 ÷ 12,5	0,01	59,50
CA01812,5M	380,00		0,001	
CA01825C	340,00	0 ÷ 25	0,01	
CA01825M	410,00		0,001	
CA01850C	635,00	0 ÷ 50	0,01	
CA01850M	705,00		0,001	

TOP quality

MEGArod

IP54 Digital indicator

Tough construction, water and coolant resistant. Technology with configurable menus. Broad choice of functions (min/max, delta, tol, factor, preset, auto off, etc.). Automatic wake-up and sleeping mode, absolute system. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CA01512,5C	330,00	0 ÷ 12,5	0,01	59,50
CA01512,5M	420,00		0,001	
CA01525C	390,00	0 ÷ 25	0,01	
CA01525M	450,00		0,001	
CA01550C	620,00	0 ÷ 50	0,01	
CA01550M	680,00		0,001	

5 function

Digital dial indicator with large display

Zero setting at any position. Cylindrical mounting ø 8mm.

MILLESIMAL

COD. 1	€	Range mm	Resolution mm
CA02110	99,00	0 ÷ 12,5	0,001

CENTESIMAL

COD. 1	€	Range mm	Resolution mm
CA02010	79,00	0 ÷ 12,5	0,01
CA02025	118,00	0 ÷ 25	
CA02050	160,00	0 ÷ 50	

Analogic dial indicator

Range 5mm, accuracy according to UNI4180, hardened stainless steel stem. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CB00605	40,00	0 ÷ 5	0,01	40

Analogic dial indicator

Metal casing and ring nut, shock-proof mechanism only for CB00510. Accuracy according to UNI4180. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CB00510	29,00	0 ÷ 10	0,01	58
CB00525	60,00	0 ÷ 25		
CB00530	67,00	0 ÷ 30		

Analogic dial indicator

Movement on jewel bearings, hardened stainless steel stem and spindle. Double dial reading. Accuracy according to UNI4180. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CB00750	130,00	0 ÷ 50	0,01	88

Analogic dial indicator

Resolution 0,01mm - Metal casing and ring nut, steel tips. Accuracy according to UNI4180. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CB01305	22,00	0 ÷ 5	0,01	40
CB01410	18,00	0 ÷ 10	0,01	58
CB01425	32,00	0 ÷ 25	0,01	
CB01430	38,00	0 ÷ 30	0,01	
CB02150	72,00	0 ÷ 50	0,01	80

TECLOCK

CB01010ST
Back with lug
CB01010STF
Flat back

CB01010WP
Back with lug
IP67

Analogic dial indicator

Anti-shock mechanism. Accuracy according to UNI4180. Cylindrical mounting ø 8mm. Bottom with lug.

BACK WITH LUG

COD. 1	€	Range mm	Resolution mm	Force N	Ø mm
CB01010ST	39,00	0 ÷ 10	0,01	1,2	56
CB01010WP	90,00			1,5	58

FLAT BACK

COD. 1	€	Range mm	Resolution mm	Force N	Ø mm
CB01010STF	39,00	0 ÷ 10	0,01	1,2	55

Analogic dial indicator ø 58mm

Range 1mm. Stainless steel stem and hardened steel tip. Accuracy according to UNI4180. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CB0261	69,00	0 ÷ 1	0,001	58

Analogic dial indicator

Range 5mm. Stainless steel stem and hardened steel tip. Accuracy according to UNI4180. Cylindrical mounting ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm
CB0560	95,00	0 ÷ 5	0,001	58

Zero central millesimal dial indicator

Total measuring travel 3mm. Upper screw for zero adjustment. Jewelled mechanism, shockproof, DIN 879 standard. Stem movement on spheres.

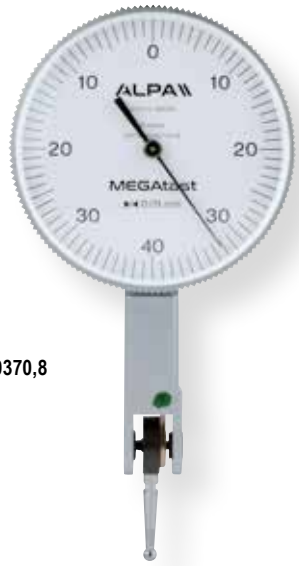
COD. 1	€	Range mm	Resolution mm	Force N
CB025ZERO	250,00	0 ÷ 0,05	0,001	1

TOP quality

CB050270,8

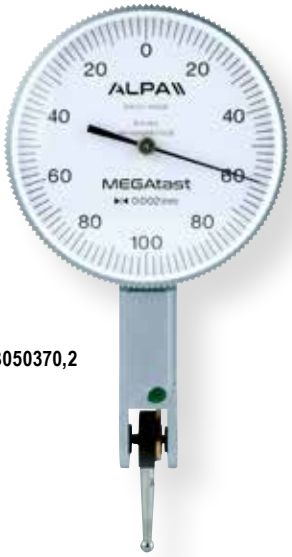
CB050270,5

CB050270,2



CB050370,8

CB050370,5



CB050370,2

MEGAtast

Dial test indicators

Swiss made high quality lever dial indicators (according to DIN 2270A). Automatic reversal of the stylus direction of rotation. Rotable bezel for zero setting. High accuracy movement mounted on 6 ruby bearings. Carbide ball stylus, adjustable within 270° and interchangeable. Robust one-piece body featuring dovetail snug ø 8mm.

COD. 1	€	Range mm	Resolution mm	Ø mm	Length mm
CB050270,8	95,00	0 ÷ 0,8	0,01	27,4	12
CB050270,2	125,00	0 ÷ 0,2	0,002		
CB050270,5	140,00	0 ÷ 0,5	0,01		36
CB050370,8	115,00	0 ÷ 0,8	0,01	37	12
CB050370,2	135,00	0 ÷ 0,2	0,002		
CB050370,5	150,00	0 ÷ 0,5	0,01		36

CB052080129
CB052080129L
CB052080138
CB052080138L

CB0520200229
CB0520200238

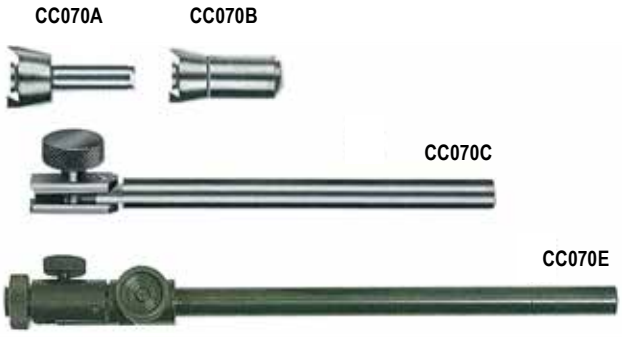
Dial test indicators

High quality and reliability dial lever test indicator. Rotable bezel for zero setting. Dove tail snug.

COD. 1	€	Range mm	Resolution mm	Ø mm	Length mm
CB052080129	70,00	0 ÷ 0,8	0,01	29	11,9
CB052080129L	89,00				33,6
CB052080138	83,00			38	11,9
CB052080138L	110,00				33,6
CB0520200229	113,00	0 ÷ 0,2	0,002	29	12,9
CB0520200238	119,00			38	

CC070D

CC070F



CC070A CC070B CC070C CC070E

Accessories for dial test indicators

COD. 1	€	Description
CC070D	20,00	Centering shoulder perpendicular model with cylindral rod ø 8 x 25mm, clamping point mounting rod and dovetail clamp ø 4mm
CC070F	60,00	Universal dial support ø 8 x 40mm

COD. 1	€	Description
CC070A	15,00	Fixing shank with dovetail clamp ø 4mm
CC070B	15,00	Fixing shank with dovetail clamp ø 8mm
CC070C	80,00	Long swievel holder with cylindrical shank and dovetail clamp ø 8 x 90mm
CC070E	150,00	Long swievel holder with cylindrical shank and dovetail clamp as well as fine adjustament ø 8 x 125mm

KIT 110€
CD021M80 + CB00510

Magnetic stand with articulated key

Dial indicator stand, rods ø 14 mm, central locking, gauge holder ø 8 mm, magnetic base M8 with fine adjustment.

COD. 1	€	Locking	Holding power Kg	Arm mm
CD021M80	90,00	Mechanical	80	340

KIT 190€
CD016ME + CB00510

CD016ME

CD018ID

Magnetic indicator stand

Adjustable arms with central locking and fine adjustment. Flat and V-groove fine grinded magnetic base, ø 8mm clamping shaft.

COD. 1	€	Locking	Holding power Kg	Arm mm
CD016ME	175,00	Mechanical	100	340
CD016MEL	230,00			430
CD018ID	175,00	Hydraulic	100	340
CD018IDL	220,00			435

Fix magnetic base dial gauge stand

Base always magnetically active.

COD. 1	€	Locking	Base dimensions mm	Holding power Kg	Arm mm
CD029M30	70,00	Mechanical	45 x 30	30	150

Magnetic stand with fine adjustment

Heavy universal dial indicator vertical rod ø16mm - horizontal rod ø16mm - gauge holder ø 8mm - magnetic base 100 kg - fine adjustment device.

COD. 1	€	Locking	Holding power Kg	Arm mm
CD022M490	120,00	Mechanical	100	490
CD022M1000	185,00			1000 rod (500x500)

KANETEC

CD010160

CD010180

CD010194

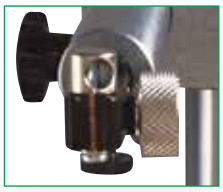
Magnetic indicators stands

High quality japanese made magnetic base, considered by many the best on the market thanks to the high quality construction and durability. On all models magnetic base with V-groove, chromed arm, clamping shaft ø 8mm. Holding power 80 kg. Arm dimension ø 12mm.

COD. 1	€	Locking	Fine adjustment	Arm mm
CD010160	58,00	Mechanical	NO	160
CD010180	70,00		YES	180
CD010194	120,00		NO	194

CD040B
without fine adjustment

CD040C
with fine adjustment thread column



CD040D
with fine adjustment

Dial gauge stand with granite base

DIN 876/00 compliant flatness and accuracy, sturdy, highly stable structure, hardened and grinded stainless steel stand column and fine lapped surface, ø8mm dial gauge coupling. Dial gauge not included.

COD. 1	€	Column Ømm	Base mm	Arm mm
CD040B	160,00	25 x 200	250 x 160	75
CD040C	330,00	30 x 300	300 x 200	180
CD040D	280,00	30 x 300	300 x 200	180

Column type stand

Hardened grinded steel with fixed check plate. H. Column 230mm ø 25 mm. Horizontal arm 75mm.

COD. 1	€	Column Ømm	Base Ømm	Arm mm
CD02770	130,00	25 x 230	78	75

Column type stand

Hardened grinded steel with fixed check plate. Height column 230 mm Ø 25 mm. Horizontal arm 75 mm.

COD. 1	€	Column Ømm	Base mm	Arm mm
CD026100	155,00	25 x 230	100 x 100	75

BORE GAUGES

Abyss

Standard bore gauge

Alpa bore gauges with a robust frame, reliability and high accuracy. Suitable for hard work conditions in workshop and metrology lab. Carbide moving contact, ø 8mm clamping shank for dial gauge.

HARDENED STAINLESS STEEL CONTACTS

COD. 1	€	Range mm	Max depth mm
DA0101535A	210,00	15 ÷ 35	175
DA01030100A	220,00	30 ÷ 100	250
DA01050160A	250,00	50 ÷ 160	
DA01050210A	285,00	50 ÷ 210	450
DA010100300A	385,00	100 ÷ 300	350
DA010100500AS	530,00	100 ÷ 500	
DA010100500A	630,00	100 ÷ 500	650

CARBIDE CONTACTS

COD. 1	€	Range mm	Max depth mm
DA0101535W	255,00	15 ÷ 35	175
DA01030100W	275,00	30 ÷ 100	250
DA01050160W	305,00	50 ÷ 160	
DA01050210W	340,00	50 ÷ 210	450
DA010100300W	500,00	100 ÷ 300	350
DA010100500WS	640,00	100 ÷ 500	
DA010100500W	720,00	100 ÷ 500	650

EXTENSIONS FOR DIAL BORE GAUGES 30-100mm; 50-160mm; 50-210mm

COD. 1	€	Length mm	Diameter section mm
DA021500	220,00	500	13
DA0211000	330,00	1000	

EXTENSIONS FOR DIAL BORE GAUGES 100-300mm; 100-500mm; 190-1000mm

COD. 1	€	Length mm	Diameter section mm
DA022500	240,00	500	15
DA0221000	360,00	1000	

Abyss

Big bores gauge

Ideal for big bores measurement, big measuring field with few accessories. Clamping dial shank ø 8mm. Stem with double insulating grip, accuracy 0,03mm on 0,5mm measuring range. Diai not included.

HARDENED STAINLESS STEEL CONTACTS

COD. 1	€	Range mm	Max depth mm
DA018800A	1.060,00	190 ÷ 1000	800

CARBIDE CONTACTS

COD. 1	€	Range mm	Max depth mm
DA018800W	1.250,00	190 ÷ 1000	800

Abyss

Gauges for small bores

Interchangeable anvils with counteracting moving contact spheres, suitable for workshop measurements and tests measuring with 0,015mm accuracy. Stainless steel frame, ø 40mm dial, resolution 0,01mm included.

HARDENED STAINLESS STEEL CONTACTS

COD. 1	€	Range mm	Max depth mm	Reading mm
DA0151020A	490,00	10 ÷ 20	100	0,01

CARBIDE CONTACTS

COD. 1	€	Range mm	Max depth mm	Reading mm
DA0150510W	500,00	5 ÷ 10	90	0,01

Abyss

Bore gauges set

Only one set to cover 15 to 210mm measuring range with reliability and less costs.

INCLUDES:

1 bore gauge range 15-35mm
1 bore gauge range 30-100mm
1 bore gauge range 50-210mm
1 extension
1 analogue dial, 0,01mm, for series "AA" and "WA" or digital dial with data output series "AD" and "WD"

HARDENED STAINLESS STEEL CONTACTS

COD. 1	€	Range mm	Max depth mm
DA025SETAA	615,00	15 ÷ 210	analogical 0,01mm
DA025SETAD	690,00		digital 0,001mm

CARBIDE CONTACTS

COD. 1	€	Range mm	Max depth mm
DA025SETWA	695,00	15 ÷ 210	analogical 0,01mm
DA025SETWD	745,00		digital 0,001mm

Bore gauges set with dial indicator

Only one set to cover a wide measuring range.

INCLUDES:

1 bore gauge range 30/100mm
1 bore gauge range 100/300mm
1 analogue dial in wooden box
2 extensions 100mm (30 -500)

HARDENED STAINLESS STEEL CONTACTS

COD. 1	€	Range mm
DA027SET300AA	635,00	30 - 300
DA027SET500AA	705,00	30 - 500

CARBIDE CONTACTS

COD. 1	€	Range mm
DA027SET300WA	745,00	30 - 300
DA027SET500WA	805,00	30 - 500

Bore gauge for blind bores

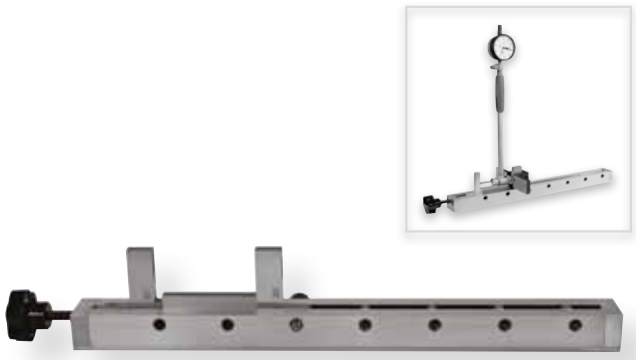
Special head to beasure at 2.5mm from the bottom. Maximum accuracy and reliability for high accuracy tests (Japanese class A). Low thermal expansion frame, non conducting handle. Carbide moving contact, interchangeable anvils with hardened stainless steel sphere, Ø 8mm dial gauge clamping shank, accuracy 2µm, repeatability 2µm. Dial not included.

COD. 1	€	Range mm	Max depth mm	Needles n.
DA0451835	310,00	18 ÷ 35	150	9
DA0453560	330,00	35 ÷ 60		6
DA04550150	370,00	50 ÷ 150		11

0,001 Resolution from 18 to 400mm bore gauge

Maximum accuracy and reliability for high accuracy tests (Japanese class A). Traditional bore gauge measuring system. Low thermal expansion dilatation frame, non conducting material handle. Carbide moving contact, interchangeable anvils with hardened stainless steel sphere, ø 8mm dial gauge clamping shank, accuracy 2µm, repeatability 2µm. Dial not included.

COD. 1	€	Range mm	Max depth mm	Needles n.
DA0421835	210,00	18 ÷ 35	103	9
DA0423560	220,00	35 ÷ 60	150	6
DA04250150	270,00	50 ÷ 150		11
DA042100160	510,00	100 ÷ 160		13
DA042160250	590,00	160 ÷ 250	250	6
DA042250400	740,00	250 ÷ 400		5

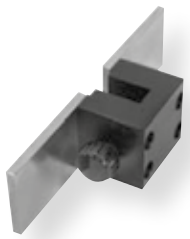


Gauge block holders

Stainless steel holder for measuring blocks. Gauge blocks (not included) for accurate measures, horizontal or vertical use with support base.

COD. 1	€	Length mm	Weight Kg
FA180300	540,00	200	3,10
FA180400	650,00	300	3,50
FA180600	780,00	500	4,00
FA180900	1.140,00	800	6,50

FA181BA



FA181RD

Accessories for gauge block holder

Accessories for code FA180: Base (FA181BA) needed for using the holder vertically, and adapter for bore gauge (FA181RD).

COD. 1	€	Length mm	Weight Kg
FA181BA	460,00	Base optional	1,80
FA181RD	480,00	Bore gauge clamp	0,20

UKAS CALIBRATION
CALIBRATION No. 0268

Zirconia gauge blocks

Impressive specifications, the best offered by research on materials, thanks to an exclusive process of molecular transformation, OPUS ceramic zircon offers a mechanical strength which preserves its entirety in case of accident fall. Excellent abrasion resistance, with wear up to 10 times less compared to hardened steel. Low thermal conductivity, high dimensional stability and hand-lapped surfaces.

COD. 1	€	Pieces	Dimensions mm	Grade
FA100470	2.770,00	47	1 pz (1,005) 9 pz (1.01-1.09) 9 pz (1.1-1.9) 24 pz (1-24) 4 pz (25-100)	0
FA100471	2.300,00	47	1 pz (1,005) 9 pz (1.01-1.09) 9 pz (1.1-1.9) 24 pz (1-24) 4 pz (25-100)	1

Complete set with optical parallel for flatness and parallelism inspection of micrometers contacts

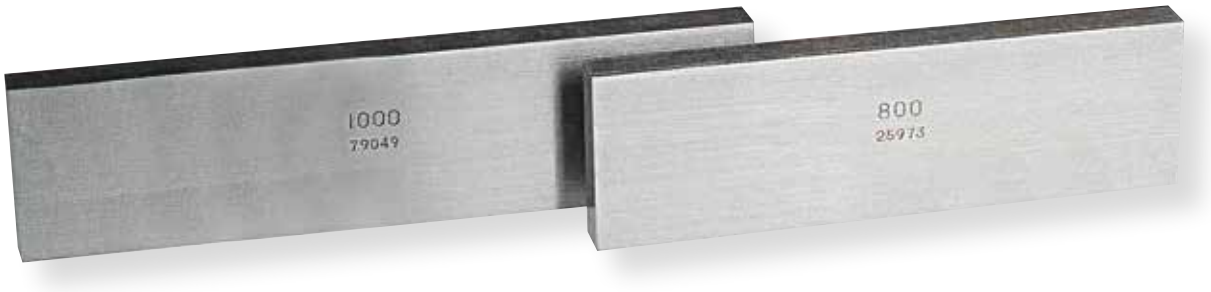
Gauge blocks set 8 pcs

Special stainless steel. Hardness more than 63 HRC.

COD. 1	€	Grade	Pieces	Size mm
FA0508	990,00	1	8	125 - 150 - 175 - 200 250 - 300 - 400 - 500

ACCREDIA CERTIFICATE FOR LONG GAUGE BLOCKS SET

8 Long Gauge Blocks Set (5-point direct measurement)	690,00



Single gauge block GRADE 1

According to ISO 3650/1 - DIN 861.

COD. 1	€	Range mm
FA0051250	105,00	125,0
FA0051500	130,00	150,0
FA0051750	150,00	175,0
FA0052000	185,00	200,0
FA0052500	230,00	250,0

COD. 1	€	Range mm
FA0053000	290,00	300,0
FA0054000	350,00	400,0
FA0055000	440,00	500,0
FA0056000	560,00	600,0
FA0057000	630,00	700,0
FA0058000	730,00	800,0
FA0059000	810,00	900,0
FA00510000	930,00	1000,0

Gauge blocks set

Special stainless steel. Hardness HRC64. According to ISO 3650 DIN 861.

COD. 1	€	Grade	Pieces	Set Pz	Size mm	Progression mm
FA0101030	860,00	0	103	1 49 49 4	1.005 1.01 ~ 1.49 0.5 ~ 24.5 25 ~ 100	- 0,01 0,5 25
FA0101031	595,00	1				
FA0101032	320,00	2				
FA010870	655,00	0	87	9 49 19 10	1.001~1.009 1.01 ~ 1.49 0.5 ~ 9.5 10 ~ 100	0,001 0,01 0,5 10
FA010871	455,00	1				
FA010872	255,00	2				

COD. 1	€	Grade	Pieces	ACCREDIA
FA0121030	1.500,00	0	103	5-point direct measurement (certificate included)
FA0121031	1.250,00	1		
FA012870	1.240,00	0	87	
FA012871	1.040,00	1		

COD. 1	€	Grade	Pieces	Set Pz	Size mm	Progression mm
FA010470	470,00	0	47	1 9 9 24 4	1.005 1.01 ~ 1.09 1.1 ~ 1.9 1 ~ 24 25 ~ 100	- 0,01 0,1 1 25
FA010471	295,00	1				
FA010472	185,00	2				
FA010320	345,00	0	32	1 9 9 3 1	1.005 1.01 ~ 1.09 1.1 ~ 1.9 1 ~ 9 10 ~ 30 60	- 0,01 0,1 1 10 -
FA010321	215,00	1				
FA010322	135,00	2				

COD. 1	€	Grade	Pieces	ACCREDIA
FA012470	770,00	0	47	5-point direct measurement (certificate included)
FA012471	600,00	1		
FA012320	550,00	0	32	
FA012321	430,00	1		

Pin gauge set

Tolerance ± 0,002mm - Roughness: less than 0,025 µm Ra - Roundness: less than 0,0005mm - Taper: less than 0,001mm - Hardness: 61 - 64 Rockwell C. Single measures available.

COD. 1	€	Pieces	Dimensions mm	Progression mm	Height mm
FA185011	210,00	51	0,5 ÷ 1	0,01	50
FA185110	260,00	91	1 ÷ 10	0,1	
FA185116	230,00	61	10 ÷ 16		
FA185120	235,00	41	16 ÷ 20		
FA185058	395,00	141	1 ÷ 8	0,05	

COD. 1	€	Pieces	Dimensions mm	Progression mm	Height mm
FA1850512	265,00	81	8 ÷ 12	0,05	50
FA185520	235,00	39	1 ÷ 20	0,5	
FA185012	235,00	100	1.01 ÷ 2	0,01	
FA185013	235,00		2.01 ÷ 3		
FA185014	235,00		3.01 ÷ 4		
FA185015	245,00		4.01 ÷ 5		
FA185016	245,00		5.01 ÷ 6		
FA185017	250,00		6.01 ÷ 7		
FA185018	250,00		7.01 ÷ 8		
FA185019	265,00		8.01 ÷ 9		
FA1850110	265,00		9.01 ÷ 10		

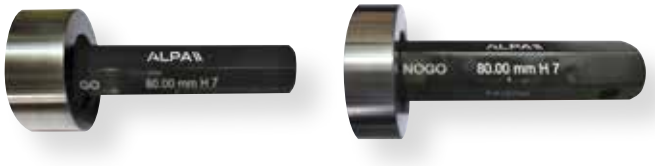
Go/no go limit plug gauges set

In hardened steel. Tolerance H7. Supplied in wooden case.

COD. 1	€	Set composition ø mm	Pieces
FA188C	640,00	3-4-5-6-7-8-10-11-12-13 14-15-16-17-18-20-21-22 23-24-25-26-27-28-29-30	26
FA188D	620,00	32-34-35-36-38-40-42-44 46-48-50-52-55-58-60	15

3mm - 10mm

11mm - 65mm



68mm - 100mm

Go/no go plug gauge

In hardened steel. Tolerance H7.

COD. 1	€	mm	COD. 1	€	mm	COD. 1	€	mm
FA1873	24,00	3	FA18725	27,00	25	FA18752	55,00	52
FA1874	24,00	4	FA18726	27,00	26	FA18755	55,00	55
FA1875	24,00	5	FA18727	27,00	27	FA18756	55,00	56
FA1876	24,00	6	FA18728	27,00	28	FA18758	55,00	58
FA1877	24,00	7	FA18729	27,00	29	FA18760	55,00	60
FA1878	24,00	8	FA18730	27,00	30	FA18762	55,00	62
FA1879	24,00	9	FA18732	33,00	32	FA18765	55,00	65
FA18710	24,00	10	FA18733	33,00	33	FA18768	62,00	68
FA18711	24,00	11	FA18734	33,00	34	FA18770	62,00	70
FA18712	24,00	12	FA18735	33,00	35	FA18772	70,00	72
FA18713	24,00	13	FA18736	33,00	36	FA18775	70,00	75
FA18714	24,00	14	FA18737	33,00	37	FA18778	70,00	78
FA18715	24,00	15	FA18738	33,00	38	FA18780	70,00	80
FA18716	24,00	16	FA18740	33,00	40	FA18782	80,00	82
FA18717	24,00	17	FA18742	40,00	42	FA18785	80,00	85
FA18718	24,00	18	FA18744	40,00	44	FA18788	80,00	88
FA18719	24,00	19	FA18745	40,00	45	FA18790	80,00	90
FA18720	24,00	20	FA18746	40,00	46	FA18792	90,00	92
FA18721	27,00	21	FA18747	40,00	47	FA18795	90,00	95
FA18722	27,00	22	FA18748	40,00	48	FA18798	90,00	98
FA18723	27,00	23	FA18750	40,00	50	FA187100	90,00	100
FA18724	27,00	24						

GO/NO GO PLUG GAUGE - CALIBRATION REPORT

Description	COD. 1	€
From 50mm		14,00
From 50 to 75mm		16,00
From 75 to 100mm		18,00

GO/NO GO PLUG GAUGE - CERTIFICATE

Description	COD. 1	€
Single plug gauge up to 100mm		65,00

Setting ring

Setting ring, according to DIN 2250.

COD. 1	€	mm	COD. 1	€	mm	COD. 1	€	mm
FA1904	46,00	4	FA19020	48,00	20	FA19060	85,00	60
FA1905	46,00	5	FA19021	48,00	21	FA19065	87,00	65
FA1906	46,00	6	FA19022	48,00	22	FA19070	87,00	70
FA1907	46,00	7	FA19023	48,00	23	FA19075	87,00	75
FA1908	46,00	8	FA19024	48,00	24	FA19080	102,00	80
FA1909	46,00	9	FA19025	48,00	25	FA19085	130,00	85
FA19010	45,00	10	FA19026	48,00	26	FA19090	130,00	90
FA19011	45,00	11	FA19027	48,00	27	FA19095	130,00	95
FA19012	45,00	12	FA19028	48,00	28	FA190100	180,00	100
FA19013	45,00	13	FA19029	48,00	29	FA190125	200,00	125
FA19014	45,00	14	FA19030	48,00	30	FA190150	250,00	150
FA19015	45,00	15	FA19035	48,00	35	FA190175	380,00	175
FA19016	45,00	16	FA19040	59,00	40	FA190200	490,00	200
FA19017	45,00	17	FA19045	59,00	45	FA190225	650,00	225
FA19018	45,00	18	FA19050	62,00	50	FA190250	720,00	250
FA19019	45,00	19	FA19055	72,00	55	FA190275	830,00	275

SETTING RINGS - CALIBRATION REPORT

Description	COD. 1	€
From 1,5 to 50mm		13,50
From 50 to 100mm		21,00
From 100 to 150mm		24,70
From 150 to 200mm		33,00
From 200 to 300mm		46,00

SETTING RINGS - CERTIFICATE

Description	COD. 1	€
From 1 to 4mm		120,00
From 4 to 250mm		45,00
From 250 to 300mm		142,00

Go/no go Thread plug gauge metric coarse pitch 6H

In hardened steel.

COD. 1	€	Ø and pitch mm	Tolerance
FA225204	50,00	2 x 0,4	6H
FA22522045	48,00	2,2 x 0,45	
FA22525045	48,00	2,5 x 0,45	
FA225305	36,00	3 x 0,5	
FA225407	38,00	4 x 0,7	
FA225508	38,00	5 x 0,8	
FA22561	38,00	6 x 1	
FA22571	38,00	7 x 1	
FA2258125	38,00	8 x 1,25	
FA2259125	38,00	9 x 1,25	
FA2251015	38,00	10 x 1,5	
FA2251115	38,00	11 x 1,5	
FA22512175	38,00	12 x 1,75	
FA225142	48,00	14 x 2	
FA225162	48,00	16 x 2	
FA2251825	58,00	18 x 2,5	
FA2252025	60,00	20 x 2,5	
FA2252225	60,00	22 x 2,5	
FA225243	60,00	24 x 3	
FA225273	78,00	27 x 3	
FA2253035	90,00	30 x 3,5	
FA2253335	90,00	33 x 3,5	
FA225364	90,00	36 x 4	
FA225394	90,00	39 x 4	
FA2254245	110,00	42 x 4,5	
FA2254545	110,00	45 x 4,5	
FA225485	110,00	48 x 5	
FA225525	175,00	52 x 5	
FA2255655	175,00	56 x 5,5	
FA2256055	175,00	60 x 5,5	

On request up to 100 mm

GO OR NOGO THREAD PLUG - CALIBRATION REPORT

Description	COD. 1	€
From 20mm		20,00
From 20 to 50mm		23,00
From 50 to 75mm		26,00

GO OR NOGO THREAD PLUG - CERTIFICATE

ACCREDIA

Description	COD. 1	€
From 1,5 to 5mm		123,00
From 5 to 120mm		82,00

Go/no go Thread ring gauge metric coarse pitch 6G

In hardened steel.

GO		NO GO			
COD. 1	€	COD. 1	€	Ø and pitch mm	Tolerance
FA230204	63,00	FA235204	63,00	2 x 0,4	6g
FA23025045	63,00	FA23525045	63,00	2,5 x 0,45	
FA230305	39,00	FA235305	39,00	3 x 0,5	
FA230407	37,00	FA235407	37,00	4 x 0,7	
FA230508	37,00	FA235508	37,00	5 x 0,8	
FA23061	37,00	FA23561	37,00	6 x 1	
FA2308125	37,00	FA2358125	37,00	8 x 1,25	
FA2309125	42,00	FA2359125	42,00	9 x 1,25	
FA2301015	41,00	FA2351015	41,00	10 x 1,5	
FA23012175	41,00	FA23512175	41,00	12 x 1,75	
FA230142	51,00	FA235142	51,00	14 x 2	
FA230162	51,00	FA235162	51,00	16 x 2	
FA2301825	61,00	FA2351825	61,00	18 x 2,5	
FA2302025	75,00	FA2352025	75,00	20 x 2,5	
FA2302225	75,00	FA2352225	75,00	22 x 2,5	
FA230243	80,00	FA235243	80,00	24 x 3	
FA230273	99,00	FA235273	99,00	27 x 3	
FA2303035	107,00	FA2353035	107,00	30 x 3,5	
FA2303335	116,00	FA2353335	116,00	33 x 3,5	
FA230364	116,00	FA235364	116,00	36 x 4	
FA230394	116,00	FA235394	116,00	39 x 4	
FA2304245	145,00	FA2354245	145,00	42 x 4,5	
FA2304545	150,00	FA2354545	150,00	45 x 4,5	
FA230485	150,00	FA235485	150,00	48 x 5	

On request up to 100 mm

GO OR NOGO THREAD RINGS - CALIBRATION REPORT

Description	COD. 1	€
From 2 to 20mm		16,00
From 20 to 50mm		19,00

GO OR NOGO THREAD RINGS - CERTIFICATE

ACCREDIA

Description	COD. 1	€
From 2 to 5mm		145,00
From 5 to 120mm		72,00

Go/no go thread calipers metric fine pitch 6H

In hardened steel.

COD. 1	€	Ø and pitch mm	COD. 1	€	Ø and pitch mm
FA210405	49,00	4 x 0,5	FA21018075	85,00	18 x 0,75
FA210505	49,00	5 x 0,5	FA210181	54,00	18 x 1
FA210605	49,00	6 x 0,5	FA2101815	54,00	18 x 1,5
FA2106075	49,00	6 x 0,75	FA210182	54,00	18 x 2
FA2107075	49,00	7 x 0,75	FA21020075	85,00	20 x 0,75
FA210805	49,00	8 x 0,5	FA210201	54,00	20 x 1
FA2108075	49,00	8 x 0,75	FA2102015	54,00	20 x 1,5
FA21081	35,00	8 x 1	FA210202	54,00	20 x 2
FA21091	35,00	9 x 1	FA21022075	85,00	22 x 0,75
FA21010075	45,00	10 x 0,75	FA210221	54,00	22 x 1
FA210101	35,00	10 x 1	FA2102215	54,00	22 x 1,5
FA21010125	35,00	10 x 1,25	FA210241	54,00	24 x 1
FA210111	35,00	11 x 1	FA2102415	54,00	24 x 1,5
FA21012075	45,00	12 x 0,75	FA210242	60,00	24 x 2
FA210121	35,00	12 x 1	FA210251	49,00	25 x 1
FA21012125	35,00	12 x 1,25	FA2102515	49,00	25 x 1,5
FA2101215	35,00	12 x 1,5	FA210252	49,00	25 x 2
FA210131	45,00	13 x 1	FA2102615	60,00	26 x 1,5
FA2101315	39,00	13 x 1,5	FA210262	60,00	26 x 2
FA21014075	49,00	14 x 0,75	FA210271	60,00	27 x 1
FA210141	40,00	14 x 1	FA2102715	60,00	27 x 1,5
FA21014125	40,00	14 x 1,25	FA2102815	60,00	28 x 1,5
FA2101415	40,00	14 x 1,5	FA210282	60,00	28 x 2
FA210151	39,00	15 x 1	FA210301	60,00	30 x 1
FA2101515	49,00	15 x 1,5	FA2103015	60,00	30 x 1,5
FA21016075	49,00	16 x 0,75	FA210302	60,00	30 x 2
FA210161	40,00	16 x 1	FA210322	76,00	32 x 2
FA2101615	40,00	16 x 1,5	FA210331	76,00	33 x 1

COD. 1	€	Ø and pitch mm	COD. 1	€	Ø and pitch mm
FA2103315	70,00	33 x 1,5	FA210483	110,00	48 x 3
FA210332	70,00	33 x 2	FA2105015	110,00	50 x 1,5
FA2103415	78,00	34 x 1,5	FA210502	110,00	50 x 2
FA210342	78,00	34 x 2	FA210503	125,00	50 x 3
FA210343	86,00	34 x 3	FA2105215	110,00	52 x 1,5
FA2103515	70,00	35 x 1,5	FA210522	110,00	52 x 2
FA210352	70,00	35 x 2	FA210523	135,00	52 x 3
FA2103615	78,00	36 x 1,5	FA210524	170,00	52 x 4
FA210362	78,00	36 x 2	FA2105515	110,00	55 x 1,5
FA210363	88,00	36 x 3	FA210552	110,00	55 x 2
FA2103815	78,00	38 x 1,5	FA210553	135,00	55 x 3
FA210382	78,00	38 x 2	FA210554	170,00	55 x 4
FA210383	88,00	38 x 3	FA2105615	110,00	56 x 1,5
FA2103915	88,00	39 x 1,5	FA210562	110,00	56 x 2
FA210392	78,00	39 x 2	FA210563	135,00	56 x 3
FA2104015	80,00	40 x 1,5	FA210564	170,00	56 x 4
FA210402	80,00	40 x 2	FA2105815	110,00	58 x 1,5
FA210403	90,00	40 x 3	FA210582	110,00	58 x 2
FA2104215	88,00	42 x 1,5	FA210583	135,00	58 x 3
FA210422	88,00	42 x 2	FA210584	170,00	58 x 4
FA210423	90,00	42 x 3	FA2106015	110,00	60 x 1,5
FA2104415	90,00	44 x 1,5	FA210602	110,00	60 x 2
FA210442	90,00	44 x 2	FA210603	135,00	60 x 3
FA2104515	88,00	45 x 1,5	FA210604	170,00	60 x 4
FA210452	88,00	45 x 2	FA210622	110,00	62 x 2
FA210453	100,00	45 x 3	FA210623	135,00	62 x 3
FA2104815	110,00	48 x 1,5	FA210624	170,00	62 x 4
FA210482	110,00	48 x 2			

GO/NOGO THREAD PLUG - CALIBRATION REPORT

Description	COD. 1	€
From 20mm		20,00
From 20 to 50mm		23,00
From 50 to 75mm		26,00
From 75 to 100mm		31,50

GO/NOGO THREAD PLUG - CERTIFICATE

ACCREDIA

Description	COD. 1	€
From 1,5 to 5mm		123,00
From 5 to 120mm		82,00

Go/no go Thread ring gauge metric fine pitch 6G

In hardened steel.

GO		NO GO		
COD. 1	€	COD. 1	€	Ø and pitch mm
FA215405	64,00	FA220405	64,00	4 x 0,5
FA215505	64,00	FA220505	64,00	5 x 0,5
FA215605	64,00	FA220605	64,00	6 x 0,5
FA2156075	60,00	FA2206075	64,00	6 x 0,75
FA2157075	60,00	FA2207075	64,00	7 x 0,75
FA215805	64,00	FA220805	64,00	8 x 0,5
FA2158075	60,00	FA2208075	60,00	8 x 0,75
FA21581	60,00	FA22081	60,00	8 x 1
FA21591	60,00	FA22091	60,00	9 x 1
FA2151005	62,00	FA2201005	62,00	10 x 0,5
FA21510075	72,00	FA22010075	72,00	10 x 0,75
FA215101	40,00	FA220101	40,00	10 x 1
FA21510125	40,00	FA22010125	40,00	10 x 1,25
FA215111	48,00	FA220111	48,00	11 x 1
FA21512075	52,00	FA22012075	52,00	12 x 0,75
FA215121	40,00	FA220121	40,00	12 x 1
FA21512125	40,00	FA22012125	40,00	12 x 1,25
FA2151215	40,00	FA2201215	40,00	12 x 1,5
FA215131	48,00	FA220131	48,00	13 x 1
FA2151315	48,00	FA2201315	48,00	13 x 1,5
FA21514075	89,00	FA22014075	89,00	14 x 0,75
FA215141	43,00	FA220141	43,00	14 x 1
FA21514125	43,00	FA22014125	43,00	14 x 1,25
FA2151415	43,00	FA2201415	43,00	14 x 1,5
FA215151	76,00	FA220151	76,00	15 x 1
FA2151515	76,00	FA2201515	76,00	15 x 1,5
FA21516075	90,00	FA22016075	90,00	16 x 0,75
FA215161	43,00	FA220161	43,00	16 x 1
FA2151615	43,00	FA2201615	43,00	16 x 1,5
FA21518075	90,00	FA22018075	90,00	18 x 0,75
FA215181	52,00	FA220181	52,00	18 x 1
FA2151815	52,00	FA2201815	52,00	18 x 1,5
FA215182	76,00	FA220182	76,00	18 x 2
FA21520075	100,00	FA2202075	100,00	20 x 0,75
FA215201	57,00	FA220201	57,00	20 x 1
FA2152015	57,00	FA2202015	57,00	20 x 1,5
FA215202	79,00	FA220202	79,00	20 x 2
FA21522075	100,00	FA22022075	100,00	22 x 0,75
FA215221	64,00	FA220221	64,00	22 x 1
FA2152215	64,00	FA2202215	64,00	22 x 1,5
FA215241	64,00	FA220241	64,00	24 x 1
FA2152415	64,00	FA2202415	64,00	24 x 1,5
FA215242	79,00	FA220242	79,00	24 x 2
FA215251	80,00	FA220251	80,00	25 x 1
FA2152515	80,00	FA2202515	80,00	25 x 1,5
FA215252	80,00	FA220252	80,00	25 x 2
FA2152615	57,00	FA2202615	57,00	26 x 1,5
FA215262	57,00	FA220262	57,00	26 x 2
FA215271	71,00	FA220271	71,00	27 x 1
FA2152715	71,00	FA2202715	71,00	27 x 1,5

GO		NO GO		
COD. 1	€	COD. 1	€	Ø and pitch mm
FA2152815	71,00	FA2202815	71,00	28 x 1,5
FA215282	77,00	FA220282	77,00	28 x 2
FA215301	110,00	FA220301	110,00	30 x 1
FA2153015	92,00	FA2203015	92,00	30 x 1,5
FA215302	92,00	FA220302	92,00	30 x 2
FA215321	105,00	FA220321	105,00	32 x 1
FA2153215	95,00	FA2203215	95,00	32 x 1,5
FA215322	95,00	FA220322	95,00	32 x 2
FA215331	105,00	FA220331	105,00	33 x 1
FA2153315	95,00	FA2203315	95,00	33 x 1,5
FA215332	95,00	FA220332	95,00	33 x 2
FA2153415	105,00	FA2203415	105,00	34 x 1,5
FA215342	105,00	FA220342	105,00	34 x 2
FA215343	120,00	FA220343	120,00	34 x 3
FA2153515	95,00	FA2203515	95,00	35 x 1,5
FA215352	95,00	FA220352	95,00	35 x 2
FA2153615	105,00	FA2203615	105,00	36 x 1,5
FA215362	95,00	FA220362	95,00	36 x 2
FA215363	105,00	FA220363	105,00	36 x 3
FA2153815	105,00	FA2203815	105,00	38 x 1,5
FA215382	105,00	FA220382	105,00	38 x 2
FA215383	125,00	FA220383	125,00	38 x 3
FA2153915	125,00	FA2203915	125,00	39 x 1,5
FA215392	105,00	FA220392	105,00	39 x 2
FA2154015	105,00	FA2204015	105,00	40 x 1,5
FA215402	105,00	FA220402	105,00	40 x 2
FA215403	120,00	FA220403	120,00	40 x 3
FA2154215	125,00	FA2204215	125,00	42 x 1,5
FA215422	125,00	FA220422	125,00	42 x 2
FA215423	125,00	FA220423	125,00	42 x 3
FA2154415	140,00	FA2204415	140,00	44 x 1,5
FA215442	140,00	FA220442	140,00	44 x 2
FA2154515	125,00	FA2204515	125,00	45 x 1,5
FA215452	125,00	FA220452	125,00	45 x 2
FA215453	125,00	FA220453	125,00	45 x 3
FA2154815	125,00	FA2204815	125,00	48 x 1,5
FA215482	110,00	FA220482	110,00	48 x 2
FA215483	125,00	FA220483	125,00	48 x 3
FA2155015	110,00	FA2205015	110,00	50 x 1,5
FA215502	110,00	FA220502	110,00	50 x 2
FA215503	125,00	FA220503	125,00	50 x 3

GO OR NOGO THREAD RINGS - CALIBRATION REPORT

Description	COD. 1	€
From 2 to 20mm		16,00
From 20 to 50mm		19,00

GO OR NOGO THREAD RINGS - CERTIFICATE

ACCREDIA

Description	COD. 1	€
From 2 to 5mm		145,00
From 5 to 120mm		72,00

Thread plug gauge GAS ISO 228

Cylindrical thread.

COD. 1	€	Ø and pitch mm
FA27018	71,00	1/8″ x 28
FA27014	71,00	1/4″ x 19
FA27038	71,00	3/8″ x 19
FA27012	76,00	1/2″ x 14
FA27058	76,00	5/8″ x 14
FA27034	84,00	3/4″ x 14
FA27078	90,00	7/8″ x 14
FA2701	110,00	1″ x 11
FA270118	140,00	1″ 1/8 x 11
FA270114	155,00	1″ 1/4 x 11
FA270138	170,00	1″ 3/8 x 11
FA270112	180,00	1″ 1/2 x 11
FA270134	180,00	1″ 3/4 x 11
FA2702	190,00	2″ x 11

GO/NOGO THREAD PLUG - CALIBRATION REPORT

Description	COD. 1	€
From 20mm		20,00
From 20 to 50mm		23,00

GO/NOGO THREAD PLUG - CERTIFICATE

ACCREDIA

Description	COD. 1	€
From 1,5 to 5mm		123,00
From 5 to 120mm		82,00

Go/no go Thread ring gauge GAS ISO 228

GO		NO GO		
COD. 1	€	COD. 1	€	Ø and pitch mm
FA27518	74,00	FA28018	74,00	1/8″ x 28
FA27514	72,00	FA28014	72,00	1/4″ x 19
FA27538	76,00	FA28038	76,00	3/8″ x 19
FA27512	90,00	FA28012	90,00	1/2″ x 14
FA27558	85,00	FA28058	85,00	5/8″ x 14
FA27534	93,00	FA28034	93,00	3/4″ x 14
FA27578	93,00	FA28078	93,00	7/8″ x 14
FA2751	135,00	FA2801	135,00	1″ x 11
FA275118	139,00	FA280118	139,00	1″ 1/8 x 11
FA275114	139,00	FA280114	139,00	1″ 1/4 x 11
FA275138	149,00	FA280138	149,00	1″ 3/8 x 11
FA275112	149,00	FA280112	149,00	1″ 1/2 x 11
FA275134	149,00	FA280134	149,00	1″ 3/4 x 11
FA2752	185,00	FA2802	185,00	2″ x 11

GO OR NOGO THREAD RINGS - CALIBRATION REPORT

Description	COD. 1	€
From 2 to 20mm		16,00
From 20 to 50mm		19,00

GO OR NOGO THREAD RINGS - CERTIFICATE

ACCREDIA

Description	COD. 1	€
From 2 to 5mm		145,00
From 5 to 120mm		72,00

Thread plug gauge NPT

Conical thread.

COD. 1	€	Ø and pitch mm
FA28518	120,00	1/8" x 27
FA28514	120,00	1/4" x 18
FA28538	128,00	3/8" x 18
FA28512	140,00	1/2" x 14
FA28534	140,00	3/4" x 14
FA2851	165,00	1" x 11,5

THREAD CALIPER NPT - CALIBRATION REPORT

Description	COD. 1	€
From G 1/16" to G1" NPT; NPTF; NGT		31,50
From G 1" 1/8 to G 2" NPT; NPTF; NGT		51,00

Thread ring gauge NPT

COD. 1	€	Ø and pitch mm
FA28618A	230,00	1/8" x 27
FA28614A	240,00	1/4" x 18
FA28638A	245,00	3/8" x 18
FA28612A	245,00	1/2" x 14
FA28634A	250,00	3/4" x 14
FA2861A	265,00	1" x 11,5

LEVELS - PROTRACTORS

Analogue electronic linear precision level

150mm linear level, fine grinded contact surfaces. Hardened stainless steel frame. High accuracy and easy reading, short rest time. Battery or power suply 220V. Three resolution selection: 0,1mm/n - 0,05mm/n - 0,01mm/n.

COD. 1	€	Range mm/m	Accuracy 17-23°C	Repeatability mm/m
EB085A	4.050,00	± 0,2 - ±1 - ±2	± 0,5 %	± 0,005

Square digital electronic level

Compact frame (150 x 150mm) and light weight (2.8 kg) aluminium body, cast iron base. Very easy to use (only two buttons), large dimensions LCD display, simple calibration. Useful for accurate, fast and low cost inspections: high precision leveling of machine tools and surface plates straightness, flatness and vertical measurement.

COD. 1	€	Accuracy 17÷23°C	Resolution mm/m	Range mm/m
EA03001	2.550,00	± 0,02mm/m	0,01	± 5

Digital protractor

Digital level, 360° (4x90°) protractor and inclinometer. Zero setting at any position.

COD. 1	€	Resolution	Data output
EA02001	355,00	0,1°	NO
EA020001	535,00	0,01°	YES

Digital protractor

0,1° resolution 360° (4 x 90°) protractor level and inclinometer, ON/OFF button. Zero setting at any position, last displayed value hold feature (HOLD mode). 3V battery supply (included).

COD. 1	€	Dimensions mm	Resolution
EA02101	80,00	150 x 30 x 50	0,1°

Square precision spirit level

With four 90° surfaces, 2 flat and 2 V-shaped for checking flat and cylindrical, horizontal and vertical surfaces. Insulation board handle with vial protection. Supplied in hard box.

COD. 1	€	Length mm	Sensibility mm/m	Surfaces
EB040150	315,00	150	0,02	Scratched
EB040200	410,00	200		

Square precision spirit level

Manufactured in nichel-chrome cast iron frame. Fine grinded surface, 2 plane and 2 prismatic faces. Serial number, manufactured according to DIN877. Thermal-insulated grip. The vial is visible both from above and laterally.

COD. 1	€	Resolution mm	Sensibility mm/m
EB030150	560,00	150	0,02
EB030200	630,00	200	

Linear precision spirit level

Manufactured in nichel-chrome cast iron frame. Fine grinded surface. Flat base with V-groove. Serial number, manufactured according to DIN 877. Thermal-insulated grip. The vial is visible both from above and laterally.

COD. 1	€	Length mm	Sensibility mm/m
EB035150	330,00	150	0,02
EB035200	365,00	200	
EB035300	395,00	300	

Linear precision spirit level

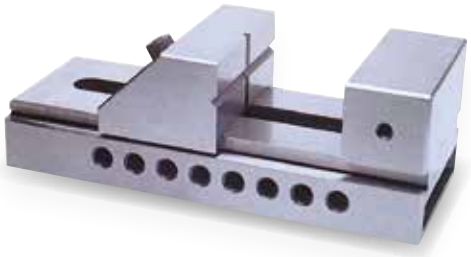
Base V-groove suitable for flat surfaces or cylinders. Delivered in rigid case.

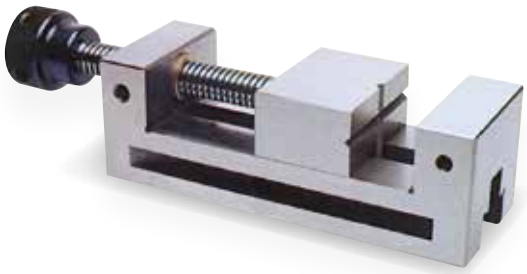
COD. 1	€	Length mm	Sensibility mm/m	Surfaces
EB051150	205,00	150	0,02	Scratched
EB051200	215,00	200		
EB051250	270,00	250		

Gauge to zero-set tools

Fast and accurate gauge to zero-set tools on traditional and CNC machines. Put the tool on machine plane, approach with the tool and push the plate until dial gauge goes to the preset value. Hardened aluminium construction, with hardened stainless steel plate, reading 0,01mm, magnetic base for horizontal use. ± 0,005mm tolerance on zero-set height.

COD. 1	€	Reading mm	Excursion mm	Zero-set mm
HA20050	120,00	0,01	5	50
HA200100	160,00			100





Precision measuring milling vice

Hardened precision vices for accurate measurements and machine operations. Horizontally and vertically ground prism on the movable side.

COD. 1	€	Total lenght mm	Opening jaws mm	Jaws width mm	Jaws heigth mm
EB10565	65,00	65	25	25	10
EB105100	70,00	100	40	36	20
EB105140	80,00	140	65	50	25
EB105175	90,00	175	85	63	32
EB105245	210,00	245	125	100	45
EB105285	280,00	285	160	125	50
EB105330	445,00	330	200	150	50

Precision measuring milling vice

Hardened precision vices for accurate measurements and machine operations. Horizontally and vertically ground prism on the movable side.

COD. 1	€	Total lenght mm	Opening jaws mm	Jaws width mm	Jaws heigth mm
EB110155	110,00	155	65	50	25
EB110190	130,00	190	85	63	32
EB110210	180,00	210	100	73	35
EB110250A	200,00	250	125	88	40
EB110250B	270,00	250	125	100	45

Universal bevel protractor

High precision, easy to use and reliable measuring tool. It can be considered the most accurate bevel protractor on the market.
Graduation 1° on Vernier on the tool center, with lens and 1' (1/60°) on mircometer vernier. Registerd system for automatic lock-unlock of the dial rotation and the moving blade. Totally made of hardened stainless steel, supplied with 90° stainless steel acute angle, 150 mm blade and 300 mm blade. Graduation 4 x 90°, accuracy ± 1'.

COD. 1	€	Range mm	Resolution
EB020360	590,00	0 ÷ 360°	1'

Digital bevel protractor

Easy to use measuring tool with the highest accuracy on this type of tools. Stainless steel made frame and beam. HOLD function. Functions: A measure 0-360° left-handed counting, B measure 0-360° right handed counting, C Preset measure, D zero for comparative measurements. Fine adjustment. Digimatic data output for MSP2 or PC connection.

COD. 1	€	Range mm	Resolution
EA010360	1.090,00	0 ÷ 360°	1' - 1/100°
EA010360300	1.120,00	0 ÷ 360°	1' - 1/100°

Bevel protractor with magnifier

High accuracy cheap bevel protractor. Hardened stainless steel made. Parallax-free reading surface.

COD. 1	€	Length mm	Resolution
EB022300	50,00	200 - 300	5'

Digital stainless steel bevel protractor

Digital bevel protractor made of stainless steel, with blades 150 or 300 mm. Hardened blades, accuracy ± 2'.

COD. 1	€	Length mm	Resolution
EA012300	340,00	150 - 300	1' - 1/100°

HEIGHT GAUGES

TOP quality

QUICK GUIDE

CALIBRATION REPORT

on master
on measuring rule
on ortogonlity

MEGAtower

IP67 Height Gauge

Totally manufactured in Switzerland, it guarantees durability, accuracy and reliability. The display unit provides functions that are directly accessible and defined with symbols easy to understand. This allows easy and quick handling even by unqualified operators. It is equipped with an air cushion for easy displacement on the measuring table.

COD. 3	€	Max error µm	Range mm	Perpendicularity error µm
GA050400	4.200,00	5	400	10
GA050700	4.650,00		700	15

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

INSERTS

COD. 3	€	Ø holder mm	Ball	Ball Ø mm	Length mm
GA052R490	210,00	8	Ruby	4	90
GA052R5129	250,00			5	129
GA052W2130	550,00		Carbide	2	130
GA052W280	375,00				80
GA052W175	370,00			1	75

TOP quality

MEGAtower LT

Workshop height gauge

Resolution 0.001mm; Measuring Force 0.75÷1.5 N. Swiss made, robust, accurate and reliable. Easy to use High contrast display with RS232 and USB interface. Supplied with Ø 4mm ruby probe, calibration master and cover.

COD. 3	€	Max error µm	Range mm	Repeatability µm
GA040400	3.100,00	8	400	3 (Ø5)

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

INSERTS

COD. 3	€	Ø holder mm	Ball	Ball Ø mm	Length mm
GA052R490	210,00	8	Ruby	4	90
GA052R5129	250,00			5	129
GA052W2130	550,00		Carbide	2	130
GA052W280	375,00				80
GA052W175	370,00			1	75

Double column digital height gauge

Hardened stainless steel double column with regulation. Cast iron ergonomic base, electronics with preset and hold functions, data output.

COD. 1	€	Range mm	Resolution mm
GA090300	895,00	0 ÷ 300	0,01
GA090600	1.190,00	0 ÷ 600	

IP54 Double column digital height gauge

Resolution 0.01mm. Ground cast iron base on the four support points.Polished chrome finish steel column. LCD display. Squared stainless steel marker, which can be adjusted using the housed key. With fast moving button. Made using Sylvac electronics with preset.

COD. 1	€	Range mm	Base mm	Accuracy mm
GA075300	950,00	0 ÷ 300	204x117	0,03
GA075600	1.080,00	0 ÷ 600		
GA0751000	1.330,00	0 ÷ 1000		0,04
GA075COMP	175,00	Dial stand holder Ø 8		

Digital height gauge multifunction

Resolution 0,01mm. LCD display with big numbers. Hardened stainless steel.

COD. 1	€	Range mm	Resolution mm
GA080300	210,00	0 ÷ 300	0,01
GA080500	320,00	0 ÷ 500	
GA0801000	970,00	0 ÷ 1000	
GA0801500	1.310,00	0 ÷ 1500	
GA080COMP	40,00	Dial stand holder	
GA080TAST	40,00	Dial Holder	

Double column dial height gauge

Resolution 0.01mm. Hardened stainless steel.

COD. 1	€	Range mm	Resolution mm
GB010300	225,00	0 ÷ 300	0,01
GB010600	390,00	0 ÷ 600	

Digital height gauge

LCD display. Hardened stainless steel. With handle and rack.

COD. 1	€	Range mm	Resolution mm
GA095300	330,00	0 ÷ 300	0,01
GA095600	590,00	0 ÷ 600	

ACCESSORIES - CONTROL INSTRUMENTS

STAND INCLUDED

Granite inspection plate

Inspection plate, non magnetic, non conductor of electricity and made of inoxidable material. African black grade “0”. Diabase absolute black also available. Steel structure with painted rectangular section, suitable for both cast iron and granite plates, adjustment levelling and anti-fitting tips. Suitable for 630x400x80 mm e 800x500x100 mm surfaces.

COD. 1	€	Plate dimensions mm	Accuracy mm
HA122630T	400,00	630 x 400	± 0,004
HA122800T	530,00	800 x 500	± 0,004
HA1221000T	880,00	1000 x 630	± 0,004
HA1221200T	1.220,00	1200 x 800	± 0,005
HA1221600T	2.000,00	1600 x 1000	± 0,006
HA1222000T	2.800,00	2000 x 1000	± 0,006

Made in Italy

GRADE 00

Black control square granite

Used for checking perpendicularity. Made according to extremely small tolerances. Hight stability. The larger squares are bored to decrease weight. Lapped surfaces. Top quality finishing. Flatness and ortogonality accuracy on two 90° faces. Supplied in wooden boxes. **Made in Italy.**

COD. 1	€	Dimensions mm	Accuracy mm	Kg
HA140400	760,00	400 x 250 x 60	± 0,0018	12
HA140500	900,00	500 x 315 x 70	± 0,002	20
HA140630	1.550,00	630 x 400 x 80	± 0,0023	36
HA1401000	2.800,00	1000 x 630 x 140	± 0,0026	170

Made in Italy

GRADE 00

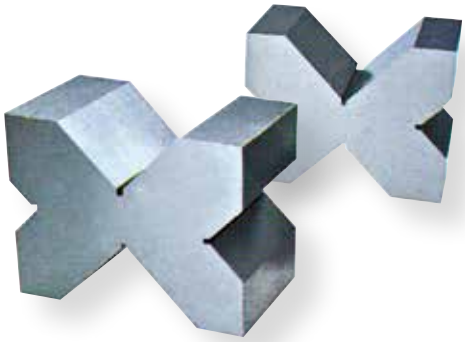
Double T black granite parallel level

Two parallel, plane, lapped faces with double T-shaped section for stability and lightness. The parallelism tolerance is equal to the planarity tolerance. Supplied in wooden boxes. **Made in Italy.**

COD. 1	€	Dimensions mm	Accuracy mm	Kg
HA135500	610,00	500 x 50 x 80	± 0,0015	4
HA135750	770,00	750 x 50 x 80	± 0,002	7
HA1351000	1.160,00	1000 x 60 x 140		19
HA1351500	2.100,00	1500 x 80 x 180	± 0,0026	57
HA1352000	2.950,00	2000 x 100 x 220	± 0,003	104

Parallelism and flatness accuracy on the two faces

Made in Italy



4 V Parallel block

Machined and provided in couple, 90° v-groove, contact surfaces, G26 grey pearlitic steel structured, accuracy 0,01mm, 0,10mm on request.

COD. 1	€	Dimensions mm	Accuracy mm
HA03560	80,00	60 x 60 x 50	± 0,01
HA03575	90,00	75 x 75 x 60	
HA03590	90,00	95 x 70 x 35	
HA035100	130,00	100 x 80 x 60	
HA035120	140,00	120 x 90 x 60	
HA035130	150,00	130 x 100 x 60	
HA035150A	190,00	150 x 100 x 60	

Magnetic “V” prism

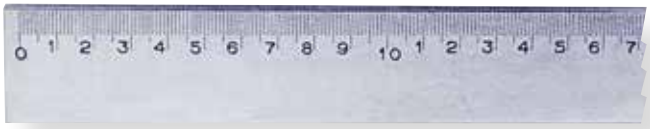
Fit for a quick positioning during machining and testing operations. Sold individually.

COD. 1	€	Dimensions mm	V Surface kgf	Flat surface kgf
HA04280	170,00	80 x 56 x 72	55	70
HA042115	260,00	115 x 75 x 100	90	110

Stainless steel rule

Made to follow very small tolerances. Grinded on all faces. Double T shaped grip and section for stability and lightness. Serially numbered. Manufactured according to DIN 874/1.

COD. 1	€	Dimensions mm	Section mm	Kg
HA115500	280,00	500	50 x 12	2
HA1151000	510,00	1000	70 x 15	4,70
HA1151500	760,00	1500	90 x 20	14
HA1152000	1.170,00	2000		19
HA1153000	2.740,00	3000		31,50



Stainless steel rule with millimeter graduation without bevel

According to DIN 866/A.

COD. 1	€	Dimensions mm	Kg
HA105500	52,00	500 x 43 x 5	0,90
HA105750	85,00	750 x 43 x 5	1,30
HA1051000	100,00	1000 x 43 x 5	1,80
HA1051500	180,00	1500 x 43 x 5	2,60
HA1052000	260,00	2000 x 43 x 5	3,50

Made in Italy

Hardened flat square stainless steel

Entirely grinded faces. High accuracy, manufactured and tested according to very strict procedures, according to DIN 875/0. Serially numbered. **Made in Italy.**

COD. 1	€	Section mm	Dimensions mm
HA085100	90,00	20 x 8	100 x 70
HA085150	110,00	25 x 8	150 x 100
HA085200	185,00	30 x 8	200 x 130
HA085300	290,00	40 x 9	300 x 200

For different measures refer to the catalogue

Made in Italy

Square with back in hardened stainless steel

Entirely grinded faces. High accuracy, manufactured and tested according to very strict procedures, according to DIN 875/0. Serially numbered. **Made in Italy.**

COD. 1	€	Section mm	Dimensions mm
HA075100	135,00	20 x 8	100 x 70
HA075150	175,00	25 x 8	150 x 100
HA075200	210,00	30 x 8	200 x 130
HA075300	345,00	40 x 9	300 x 200

For different measures refer to the catalogue

Made in Italy

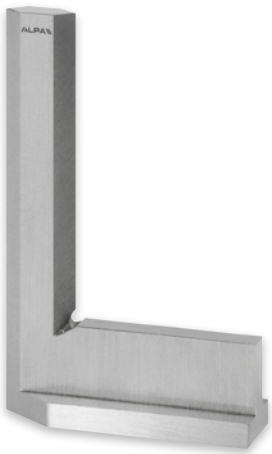
Flat knife edge square in hardened stainless steel

The two chamfered and lapped sides allow a more accurate visual check. Entirely grinded. High accuracy, manufactured and tested according to very strict procedures, according to DIN875/00. Serially numbered. **Made in Italy.**

COD. 1	€	Section mm	Dimensions mm
HA090100	95,00	20 x 8	100 x 70
HA090150	140,00	25 x 8	150 x 100
HA090200	185,00	30 x 8	200 x 130
HA090300	320,00	40 x 9	300 x 200

For different measures refer to the catalogue

Made in Italy



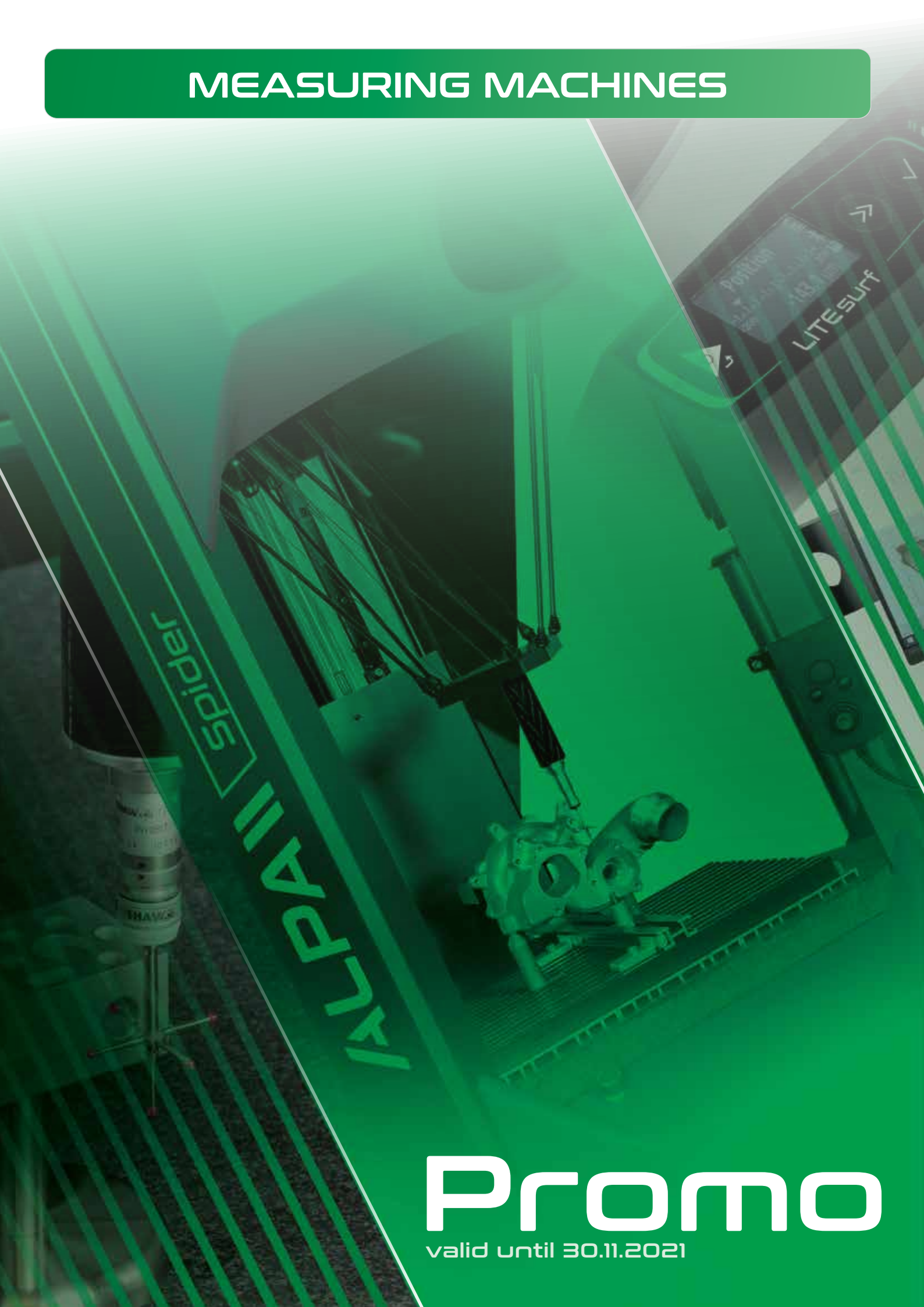
Knife edge square with back in hardened stainless steel

The two chamfered and lapped sides allow a more accurate visual check. Entirely grinded. High accuracy, manufactured and tested according to very strict procedures, according to DIN 875/00. Serially numbered. **Made in Italy.**

COD. 1	€	Section mm	Dimensions mm
HA092100	165,00	20 x 8	100 x 70
HA092150	200,00	25 x 8	150 x 100
HA092200	355,00	30 x 8	200 x 130
HA092300	470,00	40 x 9	300 x 200

For different measures refer to the catalogue

MEASURING MACHINES



Promo

valid until 30.11.2021

PRICE ON REQUEST

Spider

New 3D shopfoor CNC measuring machine

Designed for robustness and reliability the new ALPA SPIDER 30 and 520 offer the maximum performance also in uncontrolled environments. Small footprint, temperature control and the no need of air pressure allow the machine positioning where the measurement is needed in the workshop or in a fully automated production area.
Robust, accurate and reliable the ALPA SPIDER 370 and 520 can reduce the testing cycle times maintaining maximum efficiency.

FEATURES

- Fully sealed recirculating bearings movement
- Air pressure not reqired
- Five temperature Sensors
- Fast and reliable measuring system
- Easy and user friendly 3D software
- Free Software Updates

COD. P	Range mm
LA138370	XY 370 Ø - Z 270
LA138520	XY 520 Ø - Z 300

FEATURES	
Measuring volume	(2.6 + 0.4 L/100) µm*
Scale resolution	0.1µm
Operational operature range	5 - 45 °C
Table	Solid granite plate
Table load capacity	200kg
Max drive speed	500mm/sec

* Max. MPEE admitted error, subject to the optimal temperature between 18 ° C and 22 ° C and Δ <1 ° C / h or <2 ° C / 24h

PRICE ON REQUEST

Trust LS

Automatic 3D measuring machine

Alpa Trust LS machines are the exspression of maximum technological innovation applied to 3D measurements.The unique movement system with linear motors alloud a faster and smooth positioning with high accuracy. The new bridge specifics give an excellent versatility while maintaining very compact overall dimensions.

FEATURES

- Axis measuring range Y from 1000 to 2000 mm
- Linear motors with fast and smooth motion
- Guides applied on the center of gravity for better speed and accuracy
- Motors thermally isolated from meteorological sensitive components
- Smooth movement ideal for continuous scanning
- Available with different head / probe configurations
- Granite top
- Aberlink 3D software and touch screen Joystick
- **Free software update**

ACCESSORIES AVAILABLE (pag. L.38 catalogue)

COD. P	Axis travel X - Y - Z
LA1551000LS	800 x 1000 x 600
LA1551500LS	800 x 1500 x 600
LA1552000LS	800 x 2000 x 600

FEATURES	
Accuracy	TP8 (1.9 + 0.4 L/100) µm* TP20 (1.9 + 0.4 L/100) µm* TP200 (1.8 + 0.4 L/100) µm* SP25M (1.75 + 0.4 L/100) µm*
Scale resolution	0,5µm
Optimum temperature range	18 - 22 °C
Operational temperature range	0 - 45 °C
Table load capacity	500kg
Max drive speed	600mm/sec

* Max. MPEE admitted error, subject to the optimal temperature between 18 ° C and 22 ° C and Δ <1 ° C / h or <2 ° C / 24h

PRICE ON REQUEST

Trust ST

Manual and CNC 3D measuring machine

Thanks to modern technology in the development and construction, the coordinate machines ALPA TRUST ST guarantee speed, precision and reliability on all types of measurements. They may be used with touch trigger probe and continuous scanning probe or with camera system. The structure is in ligth alloys which guarantees excellent performance even in the absence of a controlled temperature. Through Innovative software Aberlink 3D it is possible to program the temperature compensation depending on workpiece material, this makes the machine ALPA TRUST ST also ideal for use in the shopfloor. The movement of the axes is through the intuitive joystick for fast and reliable measurement performances.

FEATURES

- Axis measuring range Y from 600 to 1500 mm
- Protection from environmental vibrations
- Smooth and fast movement thanks to air bearings
- Available with different head / probe configurations
- Granite top with aluminum honeycomb
- **Free software update**

ACCESSORIES AVAILABLE (pag. L.38 catalogue)

MANUAL

COD. P	Range mm
LA140600	X 640 Y 600 Z 500
LA140900	X 640 Y 900 Z 500

CNC

COD. P	Range mm
LA150600	X 640 Y 600 Z 500
LA150900	X 640 Y 900 Z 500

Other measuring ranges available (pag. L. 32 and L. 34)

FEATURES	
Accuracy	TP8 (2.4 + 0.4 L/100) µm* TP20 (2.4 + 0.4 L/100) µm* TP200 (2.3 + 0.4 L/100) µm* SP25M (2.1 + 0.4 L/100) µm*
Scale resolution	0.5µm
Optimum temperature range	18 - 22 °C
Operational operature range	0 - 45 °C
Table	Granite with honeycomb
Table load capacity	300kg (honeycomb) - 500kg (solid)

* Max. MPEE admitted error, subject to the optimal temperature between 18 ° C and 22 ° C and Δ <1 ° C / h or <2 ° C / 24h

PRICE ON REQUEST

Scope VT

Manual vision 3D machine

Alpa Scope is an advanced optical manual 3D machine with 250 x 125 x 155 mm or 300 x 300 x 200 mm measuring range. Maximum measuring height 240 mm. Non-contact measurement through zoom optics, collimated profile lighting, TTL (coaxial surface lighting) and a 64 LED fully programmable segmented surface lighting system. All measured features appear on the monitor where they can be selected for dimensioning resulting in a dimensioned part viewed that can be printed or exported to dxf or excel. Tolerances are set for each dimension so that the final inspection reports can classify each dimension as pass or fail. SPC program, CP, CPK.

FEATURES

- Programmable segmented LED lighting system
- High resolution 0,5µm
- High precision SKF cross-roller stage ultra-smooth plain rod drives
- Auto video edge detection tools
- Motorized Z axis with autofocus

COD. P	Working plate mm	Range mm
LA100250T	X 414 Y 262	X 250 Y 125 Z 200
LA100300T	X 464 Y 462	X 300 Y 300 Z 200

FEATURES	
Accuracy	2 + L/100µm
Scale resolution	0.5µm
Magnification	Optical zoom 20x - 350x
Max. load	25kg

PRICE ON REQUEST

Scope VT

Automatic 3D optical machine

The new ALPA SCOPE is the maximum expression of Baty technology applied to optical machines. The large measuring range 300x300x200mm, the touch probe, the FUSION software and the high resolution camera (3.22 Megapixels), allow fast, complete, affordable and accurate measurements. The maximum measuring height is 200mm. Non-contact measurement is made through motorized zoom optics: magnification from 20x to 350x, 19" monitor and collimated profile lighting. Contact measurement is made through Renishaw TP20 touch probe and accessories. 64 LED fully programmable segmented surface lighting system and TTL (coaxial surface lighting). WINDOWS 7 or following edition compatible, FUSION measuring system.

FEATURES

- High resolution 0,5µm scales for increased accuracy E1 (2+L/100) µm
- 300x300x200mm measuring range, plate with light alloy column
- 3.2 Megapixels camera, motorized micro-zoom optics
- Renishaw TP20 touch probe and accessories
- Double 19" LCD monitor as standard
- Master for setting pixels as standard, accuracy E1(2+L/100) µm

COD. P	Working plate mm	Range mm
LA110250	X 414 Y 262	X 250 Y 125 Z 200
LA110300XT	X 464 Y 462	X 300 Y 300 Z 200

FEATURES	
Accuracy	2+L/100µm
Scale resolution	0.5µm
Type of movement	Motorized CNC
Max drive speed	200mm/s
Magnification	Optical zoom 20x - 350x
Max. load	25kg

LA026FT2
Readout FT2-E

Readout for
LA020XLS

Profil

Horizontal profile projectors

ALPA PROFIL H340 is a horizontal profile projector indicated for the inspection of details of small and medium dimensions. Thanks to the large workspace and the possibility of excluding the direct light, it is also recommended for the control of the surface of cutting tools and long items.
Lens not included.

VERSION FT2-E (with readout LA026FT2)
Integrated measuring system with touch screen technology, with screen mounted automatic profile edge sensor. Thanks to the software 2D fusion it is possible to measure in a quick and easy way. All automatically with the same parameters set up in advance.

COD. 3	from €	Description
LA020FT	11.500,00	Projector with readout FT2-E
LA020XLS	9.900,00	Projector with readout XLS
LA026FT2	3.900,00	Readout FT2-E
ASSEMBLY, FITTING AND TRAINING NOT INCLUDED		

LENSES

COD. 3	€	Description
LA02510	1.480,00	Lens magnification 10x
LA02520	1.140,00	Lens magnification 20x
LA02525	1.100,00	Lens magnification 25x
LA02550	1.080,00	Lens magnification 50x
LA025100	1.120,00	Lens magnification 100x

FEATURES	
Range	175 x 100mm
Work Stage	325 x 100mm chromed and ground steel
Light source	Surface with optic fiber Profile Illumination with halogen lamp
Scale resolution	0,5µm
Screen Diameter	340mm
Max. load	10kg

From
6.990€*

*ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

Profil

Vertical profile projectors

The profil vertical projector ALPA PROFIL V300 is versatile accurate and easy to use. It is equipped for quick release movement (stroke 150x50mm) readout 3 axes (x, y, angles) and geometry processor for the calculation of rays, diameters, angles and distances. Clear and defined images for particular complex measurements up to 43mm of height and 15 kg of weight. Perfect illumination of the profile and the illumination of the profile and the surface with half reflective mirror.
10x Lens included.

COD. 3	Description
LA050DP	Vertical light path profile projector ø 300mm screen, display DP100

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

LENSES

COD.	€	Description
LA05520	570,00	Lens magnification 20x
LA05550	690,00	Lens magnification 50x
LA055100	730,00	Lens magnification 100x

FEATURES	
Range	150 x 50mm
Work Stage	340 x 152mm
Light source	Surface / Profile illumination
Scale resolution	0,5µm
Screen Diameter	300mm
Max. load	15kg

Profil

Surface profiler

The profilometer ALPA PROFIL H200 is a new concept instrument which in a few simple operations it can characterize particular profiles of the most complexed thanks to modern philosophy “all in one” with just a few operations it is immediately operative and calibrated to begin to follow measurements. Thanks to the software Profile Studio installed, ALPA PROFIL H200 is extremely easy to use for the operator.
The functions necessary for the characterization of the profile is grouped in families (point, line, arches, quote) each one has a different color for easy identification. The CAD is highly advanced: All entities are dynamic and adjustable after insertion. For more particular complexed, ALPA PROFIL H200 allows the execution of measurements and therefore the obstacles are automatically overcome (Gorges shoulders) and the profile is reconstructed at the end of the measurement. Thanks to the motorized calibration column. The circle measurement is automatically carriedout guaranteeing saved time and high flexibility.

SUPPLIED WITH: H31mm standard probe, PC COMPLETE WITH MONITOR, MOUSE, KEYBOARD AND PROFILE STUDIO ANALYSIS SOFTWARE.

COD. P	from €	Description
LA440MAN	21.900,00	Profilometer with manual column
LA440MOTO	27.900,00	CNC motorized column profilometer
LA442T3	2.200,00	3 axis positioner
LA444T4	2.550,00	4 axis positioner
LA450TAR	1.330,00	Reference specimen 45 x 45 r3 mm with RDT
ASSEMBLY, FITTING AND TRAINING NOT INCLUDED		

FEATURES	
Range	X 220mm - Z 50mm
Column length	320mm
Resolution	X 0,5 - Z 0,1µm
Measuring speed	0,2 - 0,5 - 1 - 2mm/Sec
Dimensions (L x D x H)	1080 x 590 x 830mm

Profil

Profilometer

New easy to use profilometer with a wide measuring range. Manual column adjustment, automatic CNC measuring and positioning cycles. The pre-loaded Profile Studio software makes the ALPA PROFIL H100 extremely easy to use for the operator.

SUPPLIED WITH: H31mm standard probe, PC COMPLETE WITH MONITOR, MOUSE, KEYBOARD AND PROFILE STUDIO ANALYSIS SOFTWARE.

COD. P	from €	Description
LA430MAN	14.900,00	Profilometer with manual column
ASSEMBLY, FITTING AND TRAINING NOT INCLUDED		

FEATURES	
Range	X 130mm - Z 50mm
Column length	320mm
Resolution	X 0,5 - Z 0,2µm
Measuring speed	0,2 - 0,5 - 1 - 2 mm/Sec
Dimensions (L x D x H)	1030 x 410 x 660mm

FACEtest 25

Portable roughness tester

The roughness ALPA FT 25 is simple and easy to use. This instrument is ideal for measurements directly on work stations or production machines. The easy of use makes it suitable in numerically to characterize the roughness of the test piece, making verification extremely rapid. Thanks to an internal memory, handling and the integrated battery ALPA FT 25 is suitable for measurements of difficult conditions such as big and complexed measurements. ALPA FT 25 version is available with an interchangeable shaft (COD. 1LA250CHA). The plug-in connector allows the interchangeable probe to guarantee the possibility of measurement on all surfaces by simply replacing the probe with the most suitable. Technology and requirements have allowed the development and creation of a third and more advanced version of roughness tester ALPA FT 25 with 31 parameters graphic display (code. LA250DIS). The latter inherits the manageability and reliability which is enriched by the advanced analysis by its own laboratory instrument. In addition to 31 parameters of roughness calculated, it immediately displays the graphic of the roughness profile, the primary profile, the lift curves, the distribution of order and allows you to set the tolerance on the individual parameters. and personalize prints.
Software and cable included (LA250DIS).

COD. 3	from €	Description
LA249FIX	1.550,00	Roughness tester, with calibration specimen, software
LA250DIS	2.450,00	Roughness tester with plug-in connector and graphic colour dislpay
ASSEMBLY, FITTING AND TRAINING NOT INCLUDED		

ACCESSORIES

COD. 3	from €	Description
LA250SB	500,00	Graphic SW and USB cable for LA250FIX and LA250CHA
LA250SB1	680,00	Graphic SW and USB cable for LA250DIS
LA300100	245,00	Extension for LA249 and LA250

STATIVO

COD. 1	€	Description
CD040C	330,00	Stand for roughness tester

COD. 3	€	Description
CERT0006	280,00	Certificated specimen

QUICK GUIDE

CD040C
Stand

LITEsurf

Optic Roughness Tester portable

Pocket sized roughness tester with optic transmission with 90°rotating for shoulder measurings, interchangeable probe and Gaussian filter. 8 parameters according to ISO 4287 (Ra; Rq; Rt; Rz; Rc; Rmax; Rsm; Rpc), 5 parameters according to ISO 12085 (Pt, R, AR, Rx, PPc).
The extremly compact dimension (the smallest in the marketplace) and the quick battery charging, via USB, make this instrument a turning point for FMI.
Optionally, downloading the application on tablet for mobile phone, custumer can transfer data Bluetooth.

ACCESSORIES INCLUDED:

- Power supply
- Software
- USB type C
- Calibration specimen
- Practical carry case

COD. 3	€	Dimensions
LA251LITE	1.890,00	160 x 33,5 x 34
ASSEMBLY, FITTING AND TRAINING NOT INCLUDED		

ACCESSORIES

COD. 3	€	Description
LA252PR50	250,00	Extension 50mm
LA252PR100	270,00	Extension 100mm
LA252090	680,00	Standard surface probe 90° SB51
LA252SB2	680,00	Professional Software

FEATURES	
Range	± 200µm
Resolution	0,001µm
Cut-off lenght	0,25 - 0,8 - 2,5mm
Travel lenght	up to 16mm
Probe	Optical, it can be rotated of 90° for lateral measurement

STAND

COD. 1	€	Description
CD040C	330,00	Stand for roughness tester

LA255PRINT
Bluetooth printer

LA255ST2
Motorized stand

WRP

Portable roughness/surface profiler tester

This new roughness/surface profiler tester has a revolutionary approach to roughness measure. Wide 7 inches touch 16 million colors screen display. 75 roughness parameters following the principle international regulations. Integrated CAD system for profile analysis. Measuring range 3000µm roughness and profilometry probe. Resolution 0,1nm (0,0001µm) on 3000µm. Automatic saving of last 6 measure, manual saving up to 1000 profilometry measurements and 4000 roughness (graphics+parameters).

ROUGHNESS TESTER INCLUDE

- Roughness specimen 2.97 µm
- Roughness probe
- Profiler probe

See Alpa catalogue for accessories

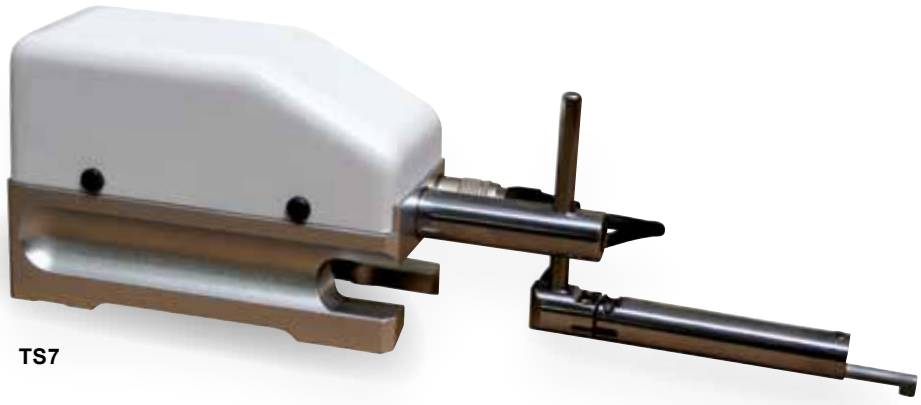
81 roughness parameter

Ra, Rq, Rt, Rz, Rp, Rv, Rc, Rsk, Rku, RSm, RΔq, RΔa, Rmax, Rδc, Rmr, Rmr(c), RPc, RLo, Rlr, Rzjis, RHSC, R3z, hp, Ep
Pa, Pq, Pt, Pq, Pv, Pc, Psk, Pku, PSm, PΔq, Pδc, PPc, PLo, Plr, PHSC
Wa, Wq, Wt, Wz, Wp, Wv, Wc, Wsk, Wku, WSm, WΔq, Wδc, WPc, WLo, Wlr, WHSC
Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, Rpk*, Rvk*, WDSm, WDc, WDt
R, AR, Rx, W, Aw, Wx, Wte, Rke, Rpke, Rvke, Mr1e, Mr2e, A1e, A2e

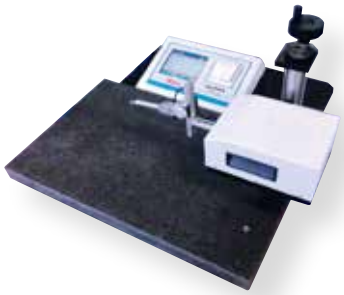
COD. 3	from €	Description
LA253RP	10.900,00	Portable roughness/surface profiler tester
LA253KIPT	840,00	3mm Profile Master Sample
LA255ST2	1.720,00	Motorized stand
LA255ST1	620,00	Manual stand
LA255PRINT	690,00	Bluetooth printer

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

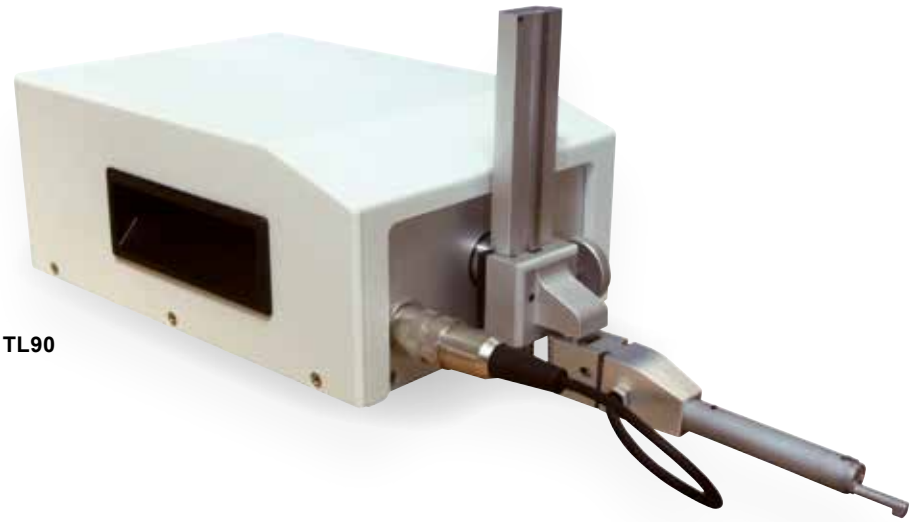
FEATURES	
Range	±1500µm
Resolution	0,0001µm - (0,1nm)
Cut-off lenght	0,08 - 0,25 - 0,8 - 2,5 - 8mm
Numero di cut-off	Selectable from 1 to 20 (for cut-off 8mm from 1 to 6)
Travel lenght	Up to 60mm
Probe	Inductive, 90 ° adjustable for side measurements, interchangeable
Measurements Parameters	81 roughness parameter
Graphic Visualization	Roughness, waviness, Primary Waveness, Total, relative material ratio, probability density function
Measure Unit	mm / inches



TS7



LA255ST1
Manual stand



TL90

Electronic unit
with integrate printer

FACEtest 80

High performance roughness tester

The roughness tester ALPA FT 80 thanks to its maneuverability and ease of use allows you to perform the characterization of surfaces even more complex in an easy and intuitive way. Touch screen color display 5.7" matched to the interface Icons allows the operator to set in a rapid way. The measuring parameters, position itself on the piece and run the analysis. Results and their tolerances are ready to be printed. The graphs and the parameters are interactive to permit all operators to customize the presentation of the results in an easy and fast way. ALPA FT 80 are suitable in production environments and metrology labs.

SHIFTER TL90
Laboratory amplifiers with clutch for shifting micrometer roughness measurements run 50mm. It is possible to do measurements of precision with minimum run of 0,32mm (4 x 0,08 + 0,20mm) of course run.

SHIFTER TS7
Shifter miniaturized portable with interchangeable probes. Measurement on flat and curved surfaces with axial shifting or perpendicular, prismatic support, maximum run 25mm.

54 roughness parameter

Ra, Rq, Rt, Rz, Rp, Rc, Rv, Rsk, Rku, Rsm, Rdc, RPc, Pa, Pq, Pt, Pp, Pc, Pv, Psm, Pdc, PPc, Wa, Wq, Wt, Wz, Wp, Wv, Wc, WSm, Wdc, WPc, Rk, Rpk, Pvk, Mr1, Mr2, Pt, Pdc, PPc, R, Rx, AR, Wte, W, AW, Wx, Rke, Rpke, Rvke, Mr1e, Mr2e Rmax, R3z, R3zm

COD. 3	€	Description
LA255TS7	3.800,00	Roughness tester with TS7 compact traverse unit
LA255TL90	5.700,00	Roughness tester with TL90 professional traverse unit

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

See Alpa catalogue for accessories

ACCESSORIES

COD. 3	from €	Description
LA250SB1	680,00	Software for LA255TS7 and LA255TL90
LA255ST1	620,00	Stand 600x400mm for LA255TL90 and LA253RP
LA255ST2	1.720,00	Motorized stand
LA300100	245,00	Extension for LA255TL90 100mm

FEATURES	
Range	±500µm
Resolution	0,0001µm - (0,1nm)
Travel lenght	Up to 50mm
Measurements Parameters	54 roughness parameter
Display	Color graphic touch screen display

H-Master

Manual analogic Rockwel hardness tester

Hardness tester for Rockwell scale measurement on ferrous materials. Cast iron support structure, testing max height 170mm, depth capacity 165mm Hydraulic load application system with weight method, UNI-DIN-ASTM standard compliant 60/100/150kgf loads for Rockwell A, B, and C scales Full automatic load application. N.1 Ø 150mm flat surface for workpiece positioning, N.1 Ø 55mm flat surface and N.1 flat surface with V-shaped adapter to measure cylindrical objects.

EQUIPMENT

n°1 Cone diamond indenter
n°1 Ball Indenter Ø 1/16" for Rockwell B scale
n°1 Specimen HRC 20-33
n°1 Specimen HRC 57-70
n°1 Specimen HRB 85-100

COD. 3	€	Description	Weight Kg
LB101AR	2.230,00	Analogue Rockwell hardness tester with automatic loading	90

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

H-Master

Digital automatic Rockwel hardness tester

Hardness tester for Rockwell scale measurement on ferrous materials. Cast iron support structure, testing max height 170mm, depth capacity 165mm Hydraulic load application system with weight method, UNI-DIN-ASTM standard compliant 60/100/150kgf loads for Rockwell A, B, and C scales Full automatic load application. Reading on digital display. N.1 Ø 150mm flat surface for workpiece positioning, N.1 Ø 55mm flat surface and N.1 flat surface with V-shaped adapter to measure cylindrical objects.

EQUIPMENT

n°1 Cone diamond indenter
n°1 Ball Indenter Ø 1/16" for Rockwell B scale
n°1 Specimen HRC 20-33
n°1 Specimen HRC 57-70
n°1 Specimen HRB 85-100

COD. 3	€	Description	Weight Kg
LA731DR	3.080,00	Digital Rockwell hardness tester with automatic loading	90

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

QUICK GUIDE

H-Master

Manual analogic Rockwel hardness tester

Hardness tester for Rockwell scale measurement on ferrous materials. Cast iron support structure, testing max height 170mm, depth capacity 165mm Hydraulic load application system with weight method, UNI-DIN-ASTM standard compliant 60/100/150kgf loads for Rockwell A, B, and C scales Full automatic load application. N.1 Ø 150mm flat surface for workpiece positioning, N.1 Ø 55mm flat surface and N.1 flat surface with V-shaped adapter to measure cylindrical objects.

EQUIPMENT

n°1 Cone diamond indenter
n°1 Ball Indenter Ø 1/16" for Rockwell B scale
n°1 Specimen HRC 20-33
n°1 Specimen HRC 57-70
n°1 Specimen HRB 85-100

COD. 3	€	Description	Weight Kg
LB061AR	1.520,00	Manual analogic Rockwell hardness tester	80

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

H-Master

Digital manual Rockwel hardness tester

Hardness tester for Rockwell scale measurement on ferrous materials. Cast iron support structure, testing max height 170mm, depth capacity 165mm Hydraulic load application system with weight method, UNI-DIN-ASTM standard compliant 60/100/150kgf loads for Rockwell A, B, and C scales Full automatic load application. Reading on digital display. N.1 Ø 150mm flat surface for workpiece positioning, N.1 Ø 55mm flat surface and N.1 flat surface with V-shaped adapter to measure cylindrical objects.

EQUIPMENT

n°1 Cone diamond indenter
n°1 Ball Indenter Ø 1/16" for Rockwell B scale
n°1 Specimen HRC 20-33
n°1 Specimen HRC 57-70
n°1 Specimen HRB 85-100

COD. 3	€	Description	Weight Kg
LA720DR	2.180,00	Digital manual Rockwell hardness tester with USB output	80

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

H-Master

Universal analogic hardness tester

Universal analogic hardness test with the following features:
- Rockwell (HRA, HRB, HRC), Brinell, Vickers scales
- Cast iron structure, maximum height testing piece 170 mm, max depht 165 mm
- Motorized and temporized load application
- Pre-load 10 kgf, load 60-100-150 kfg for Rockwell A, B,C scales
- Load 31,2-62,5-187,5 kfg for Brinell scales
- Load 30-100 kgf for Vickers scales
- For Rockwell scales reading on analogue dial gauge
- For Brinell and Vickers scales reading with microscope included in the base scope

EQUIPMENT

n°1 Diamond Rockwell Indenter
n°1 Diamond Vickers Indenter
n°1 Ball Indenter Ø 1/16" for Rockwell B scale
n°1 Ball Brinell Indenter Ø 2,5 mm
n°1 Ball Brinell Indenter Ø 5 mm
n°1 Specimen HRC 20-33
n°1 Specimen HRC 57-70
n°1 Specimen HRB 85-100
n°1 Specimen HV 30

COD. 3	€	Description	Weight Kg
LB151AU	3.550,00	Universal analogue hardness tester with automatic loading	100

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

UNIVERSAL ACCESSORIES

COD. 3	€	Description
LB430TAV	380,00	Table
LB450HRC	160,00	Cone diamond Rockwell indenter
LB450HRB	99,00	Ball Indenter Ø 1/16" Rockwell B
LB450HV	190,00	Piramid diamond Vickers indenter
LB45025HB	110,00	Ball Brinell Indenter 2,5 mm
LB45050HB	125,00	Ball Brinell Indenter 5 mm

QUICK GUIDE

Leeb impact hardness tester

Measuring methods: Leeb and scales HL, HB, HRB, HRC, HV, HS, σb. Measuring range: HLD (200-960) / HRC (19.8-68.5) / HRB (13.5-100) / HB (30-651) / HV (80-976) / HS (26.4-99.5) / σb (375-2639), with D type probe (Standard). Accuracy: ± 6 HLD (HLD=800), repeatability < 6 HLD (HLD=800). Impact direction: 360° selectable. Materials: iron, cast iron, stainles steel, aluminium, etc. Minimum measurable piece weight: 5 Kg. Display: luminated LCD display in english. Memory: 100 groups. USB connection (Standard) with software included and 2 1.5V AA type batteries. Standard GB/T 17394-1998, ASTM A956.

COD. 1	€	Measuring methods
LA758D	1.090,00	HL, HB, HRB, HRC, HV, HS

LB202A
Shore A

LB202D
Shore D

Shore A/D Hardness Tester

Analogue hardness tester for rubber, plastic, sponge and similar. This tool sows directly the Shore A and Shore D values.

COD. 1	€	Range	Dimensions mm	Excursion mm	Weight Kg
LB202A	99,00	0 - 100	115 x 60 x 25	0 - 2,5	0,5
LB202D	116,00				

Compact leeb impact hardness tester

Measuring methods: Leeb and scales HL, HB, HRB, HRC, HV, HS, σb. Measuring range: HLD (200-960) / HRC (19.8-68.5) / HRB (13.5-100) / HB (30-651) / HV (80-976) / HS (26.4-99.5) / σb (375-2639), with D type probe (Standard) and DL probe (Optional). Accuracy: ± 6 HLD (HLD=800), repeatability < 6 HLD (HLD=800). Impact direction: 360° selectable. Materials: iron, cast iron, stainles steel, aluminium, etc. Minimum measurable piece weight: 5 Kg. Display: 45mm OLED display withn 169x128 pixels resolution in english. Memory: 1000 groups. 6 results per group and 1 average value, USB connection for recharge, data output. AAA lithium battery, with automatic power off after 3 min. of not use. Standard GB/T 17394-1998, ASTM A956.

COD. 1	€	Measuring methods
LA759D	990,00	HL, HB, HRB, HRC, HV, HS

Shore Sample testers

COD. 1	€	Description
LB2253D	120,00	Shore D 3 pieces
LB2257A	180,00	Shore A 7 pieces

elcometer

QUICK GUIDE

Elcometer coating thickness gauges

The Elcometer 456 is a portable instrument to measure coating thickness (chrome, paint, galvanizing, rubber, etc.) on ferrous or non-ferrous metals. Four different models available and each gauge provides the user an increasing functionality and have integral or separate probe.

- Easy to read colour display, scratch and solvent resistant.
- Specialised probes for a wide range of application
- Large easy to read high contrast display and auto-rotating
- Measuring range 0-13mm with integral probe
- Measuring range 0-31mm with separate probe
- IP64 protection
- Supplied with calibration foils
- Accuracy starting from +/- 1%

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

Not Suitable for measurements with presence of Nickel >10%

INTEGRATED PROBE

Range: 0-1500µm (0-60mils) - Accuracy: ±3% or +2.5µm (+0,1 mil)
Resolution: 0,1µm: 0-100µm; 1µm: 100-1500µm (0,01mil: 0-5mils; 0,1mil: 5-60mils)

COD. 1	€	Description
LA510FB	760,00	Ferrous
LA510NFB	860,00	Non-ferrous
LA510FNFB	1.280,00	Dual FNF

EXTERNAL PROBE

COD. 1		Sonda		€	Description
LA525FB	+	LA544F	=	950,00	Ferrous
LA525NFB	+	LA544NF	=	1.100,00	Non-ferrous
LA525FNFB	+	LA544FNF	=	1.470,00	Dual FNF

Elcometer Cross Hatch Cutter

The Elcometer 107 Cross Hatch Cutter for adhesion tests provides an instant assessment of the quality of the bond to the substrate.

- Robust design
- Large, non slip grip
- Ideal for thin, thick or hard coatings
- A quick change, 4 sided cutter allows adhesion testing on a wide range of coating thicknesses (1-1,5-2-3 mm)

COD. 1	€	Description	Coating Thickness
LA527KIT61	320,00	Full Kit with ISO Tape (6x1mm)	0 - 60µm
LA527KIT62	320,00	Full Kit with ISO Tape (6x2mm)	0 - 120µm

COD. 1	€	Description	ISO
LA531BL61	130,00	Four sided cutter blade: 6x1mm	•
LA531BL62	130,00	Four sided cutter blade: 6x2mm	•
LA535ADT	60,00	ISO2409 adhesive tape	•

Led illuminated magnifier lamp

Illuminated magnifier full LED lamp unit, with a wide magnification range from 2x to 15x (on demand), thanks to interchangable circular lenses. LED light source stimated life time 40,000 hours (life time estimated/not guaranteed). 75% energy consumption reduction compared to standard fluorescent lamps.

FLUORESCENT LAMPS

COD. 1	€	Surface Magnification	Base mm	Arm mm	Weight kg
LA950A2X	200,00	2x	300x185	-	2,7
LA950B2X	290,00		-	1000	3,0
LA950A4X	350,00	4x	300x185	-	2,7
LA950B4X	390,00		-	1000	3,0

LED LAMPS WITH INTENSITY CONTROL

COD. 1	€	Surface Magnification	Base mm	Arm mm	Weight kg
LA900A2X	510,00	2x	300x185	-	2,2
LA900B2X	615,00		-	1000	2,8
LA900C2X	920,00		353x340	-	3,2

LED LAMPS

COD. 1	€	Surface Magnification	Base mm	Arm mm	Weight kg
LA920A2X	280,00	2x	300x185	-	2,1
LA920B2X	355,00		-	1000	2,7
LA920C2X	640,00			353x340	3,2
LA920A4X	465,00	4x	300x185	-	2,1
LA920B4X	530,00		-	1000	2,7
LA920C4X	810,00			353x340	3,2

Digital Thermometer

Digital thermometer with backlit LCD screen. Supplied with cover, generic Thermal probe (max 150 ° Celsius), battery.

COD. 1	€	Range	Accuracy
LA670TER	130,00	-50 ÷ + 1300°C	+/-1,5% of reading

PROBE

COD. 1	€	Description
LA679S	116,00	Surfaces Contact probe Ø 6x130mm - max 600°C
LA679SC	130,00	Surfaces pipe probe 90° Ø 15x200mm - max 600°C
LA679LSS	100,00	Liquid and semi solid probe Ø 5x180mm - max 800°C
LA679AG	100,00	Air and gas probe Ø 6x160mm - max 250°C

Ultrasonic Thickness Gauge professional

Portable digital Ultrasonic Thickness Gauge for thickness measurements. Supplied with 5 MHZ probe and robust carrying case.

COD. 1	€	Range mm	Resolution mm	Accuracy mm
LA680U	960,00	1.2 - 200	0.1/0.01	0.5%n + 0.04

Videoscope

Portable and compact inspection camera to display the applications for a clear view in tight spots, not visible at glance. 3.5" wide angle LCD screen, to view, store and review pictures and footage. Images can also be displayed directly on a TV screen, or stored and transferred to a PC using a USB cable. SD mini card allows direct video recording or picture storage. An easy to transport standalone device, excellent for assessing damages, or simple diagnosis. Instant viewing of footage and image captures directly recorded on a high resolution TFT screen or external monitor. File transferred to computer using USB interface. Flexible 3m cable camera. 5.5mm diameter micro wide-angle lens. Adjustable LED light for optimal view in all applications.
In addition to the 45° and 90°mirrors supplied, the instrument can be easily equipped with several mirrors featuring different angles. Cables of different sizes can also be supplied, as an optional item.

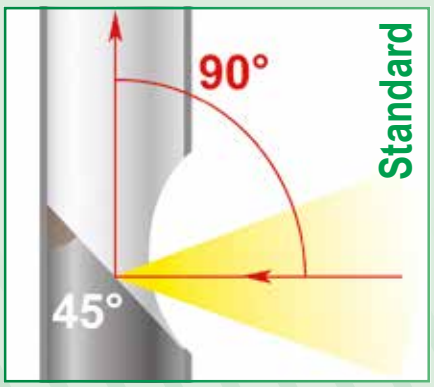
COD. 1	€	Composition	Probe m
LA4901	1.080,00	Basic device with USB cable Probe diam. 5.5 with front cam AV2 cable for TV display 2GB SD card + 1 spare battery	1
LA4903	1.420,00		3

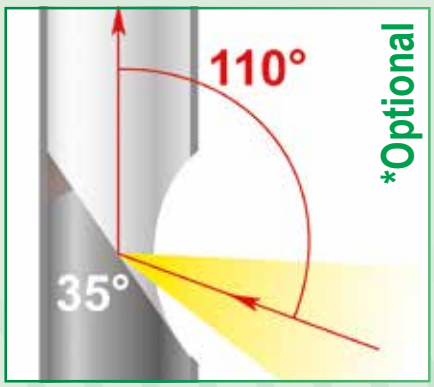
OPTIONAL MIRRORS

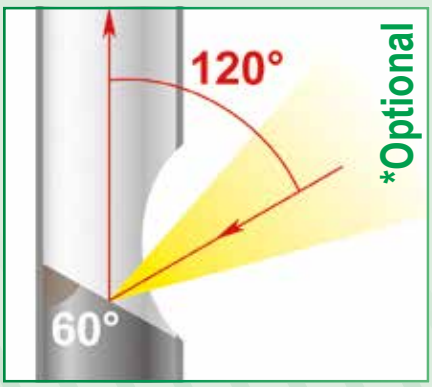
LA49035	80,00	35°
LA49060		60°

PERFORMANCE:
Semirigid cable, oil proof and abrasion resistant, four enhanced illumination leds, high speed video recording and image capture, 2GB memory, multilanguages menu, 300,000 pixel high definition resolution

FORMATS:
Compresion: MPEG4
Image format:
JPEG (640 x 480)
Video format:
ASF (320 x 240)
Operating temperature:
-10° / +70° C
Dimensions:
L94 x W78 x H10mm







From
10.900€*

ASSEMBLY, FITTING
AND TRAINING NOT INCLUDED

Standard accessories, for calipers, micrometers and bore gauges, included.

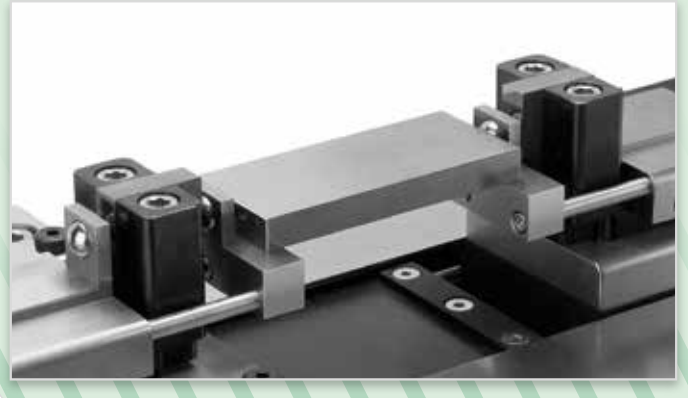
METROmax

Setting, calibration and measuring bench

The simplest, fastest, easiest to use, most reliable, accurate, solid and long lasting, made of stabilized cast iron. Light alloy heads, hard metal reset switches (Widia Lappato finish). Glass support optical scales with absolute and incremental correction, large display with settings keyboard, frictioned handwheel, high precision adjustment sliding block. Push and pull preload for reliable measurements. Wide array of accessories available on request for a variety of control operations.

Applications: Control and zero-setting of depth bore gauges, calipers, external micrometers, two/three points internal micrometers, gauge blocks.

COD. 3	Range mm	Accuracy µm	Length mm	Weight Kg
LA015400	400	1,5+L/400	846	50
LA015700	700		1146	60
LA0151000	1000		1446	70
LA0151500	1500		1946	280
LA0152000	2000		2446	366



Concentricity and roundness control bench

Light alloy structure, hardened stainless steel rotors, 3 movable supports for dial gauge, hand wheel, plane strap transmission. Provided in ABS case. Dial gauges to be ordered separately.

COD. 1	€	Range mm	Accuracy mm	Weight Kg
CT01050	2.580,00	1,5 ÷ 50	± 0,002	8,5
CT010100	3.620,00	10 ÷ 100		12

Measurement table

Instrument for inside/outside comparative measurements, ideal for mass measurement. Light alloy structure, hardened stainless steel plane, interchangeable tips, inside/outside precharge. Suitable for measurement of work pieces with parallel, cylindrical or conical surfaces (such as shafts, through holes, blind bores, short shoulders, grooves and wall thickness). It checks gear diameter and points out roundness, concentricity and coaxiality errors. Provided with 2 stirrups, 0,01 dial gauge and ABS case.

COD. 1	€	Range mm	Repeatability mm	Weight Kg	Dimensions mm
CT020200	2.240,00	0 ÷ 200	± 0,001	6,3	255 x 150
CT020330	3.450,00	0 ÷ 330		7,1	406 x 180

Refer to Alpa catalogue for accessories

PRICE LIST FOR CALIBRATION

AUTOCENTERING DIAL BORE GAUGE - CALIBRATION REPORT

DESCRIPTION	€
Single bore gauge	31,50

Note: The instrument is calibrated with the Laboratory indicator.
The dial indicator is not included.

HEIGHT GAUGES - CALIBRATION REPORT

DESCRIPTION	€
Up to 300 mm	100,00
Up to 600 mm	147,00
Up to 1000 mm	178,00
Up to 1500 mm	250,00
Master for height gauges	160,00

HEIGHT GAUGES - CERTIFICATE REPORT

DESCRIPTION	€
Up to 300 mm	151,00
From 300 to 600 mm	173,00
From 600 to 1000 mm	270,00
Master for height gauges	160,00

SETTING RINGS - CALIBRATION REPORT

DESCRIPTION	€
From 1,5 to 50 mm	13,50
From 50 to 100 mm	21,00
From 100 to 150 mm	24,70
From 150 to 200 mm	33,00
From 200 to 250 mm	46,00

Verify of 3 measurements

SETTING RINGS - CERTIFICATE REPORT

DESCRIPTION	€
From 1 to 4 mm	124,00
From 4 to 250 mm	46,00
From 250 to 300 mm	146,00
From 300 to 400 mm	165,00

Verify of 1 measurement

GO OR NO GO THREAD RING GAUGE - CALIBRATION REPORT

CYLINDRICAL THREAD

DESCRIPTION	€
From 2 to 20 mm	16,00
From 20 to 50 mm	19,00
From 50 to 150 mm	26,50
From 150 to 200 mm	75,00
From 200 to 300 mm	100,00

Verify of 2 measurements

GO OR NO GO THREAD RING GAUGE - CERTIFICATE REPORT

CYLINDRICAL THREAD

DESCRIPTION	€
From 2 to 5 mm	145,00
From 5 to 120 mm	72,00
From 120 to 200 mm	191,00
From 200 to 300 mm	237,00

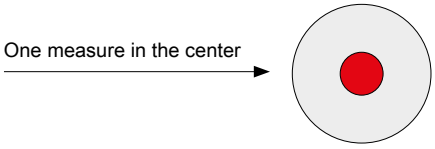
Verify of 4 measurements

SETTING RODS - CALIBRATION REPORT

DESCRIPTION	€
Up to 100 mm	16,00
From 100 to 200 mm	27,50
From 200 to 300 mm	37,50
From 300 to 400 mm	46,00
From 400 to 500 mm	55,00
From 500 to 675 mm	76,00
From 675 to 1000 mm	126,00
From 1000 to 1350 mm	140,00
From 1350 to 1500 mm	220,00
From 1500 to 2000 mm	280,00

SETTING RODS - CERTIFICATE REPORT

DESCRIPTION	€
Up to 100 mm	72,00
From 100 to 200 mm	98,00
From 200 to 300 mm	103,00
From 300 to 400 mm	108,00
From 400 to 675 mm	113,00
From 675 to 1000 mm	226,00



GAUGE BLOCKS SET TILL 100 mm - CALIBRATION REPORT

5 POINT VERIFY FOR TOTAL LENGTH AND LENGTH DEVIATION

DESCRIPTION	€
Single block	26,50
Set from 2 to 9 pz.	18,00 cad.
Set of 10 pz.	57,00
Set of 32 pz.	182,00
Set of 47 pz.	268,00
Set of 79 pz.	451,00
Set of 83 pz.	474,00
Set of 87 pz.	502,00
Set of 103 pz.	588,00
Set of 112 pz.	638,00
Set of 122 pz.	696,00

GAUGE BLOCKS SET TILL 100 mm - CERTIFICATE REPORT ACCREDIA

5 POINT VERIFY FOR TOTAL LENGTH AND LENGTH DEVIATION

DESCRIPTION	€
Single block	33,00
Set from 2 to 9 pz.	21,00 cad.
Set of 10 pz.	74,00
Set of 32 pz.	235,00
Set of 47 pz.	345,00
Set of 79 pz.	580,00
Set of 83 pz.	610,00
Set of 87 pz.	647,00
Set of 103 pz.	757,00
Set of 112 pz.	823,00
Set of 122 pz.	896,00

The Calibration repost is unique both for complete or partial set.
A single report for each block gauge is on request.

LONG GAUGE BLOCKS SET OVER 100 mm - CALIBRATION REPORT

DESCRIPTION	€
Single block from 100 to 200 mm	42,50
Single block from 200 to 300 mm	60,50
Single block from 300 to 400 mm	74,00
Single block from 400 to 650 mm	131,00
Single block up to 1000 mm	172,00
8 Long gauge blocks set	613,00

LONG GAUGE BLOCKS SET OVER 100 mm - CERTIFICATE REPORT ACCREDIA

DESCRIPTION	€
Single block from 100 to 200 mm	113,00
Single block from 200 to 300 mm	123,00
Single block from 300 to 400 mm	135,00
Single block from 400 to 650 mm	140,00
Single block up to 1000 mm	219,00
8 Long gauge blocks set	711,00

The Calibration repost is unique both for complete or partial set.
A single report for each block gauge is on request..

VERNIER CALIPER - CALIBRATION REPORT

DESCRIPTION	€
Up to 200 mm	23,00
From 200 to 300 mm	39,00
From 300 to 500 mm	70,00
From 500 to 600 mm	76,00
From 600 to 700 mm	80,00
From 700 to 800 mm	91,00
From 800 to 1000 mm	102,00
From 1000 to 3000 mm	160,00

VALID FOR EXTERNAL OR INTERNAL CALIPERS, DEPTH CALIPERS, VERNIER OR DIGITAL.

VERNIER CALIPER - CERTIFICATE REPORT

DESCRIPTION	€
Vernier caliper up to 200 mm	82,00
Vernier caliper from 200 to 500 mm	103,00
Vernier caliper from 500 ti 1000 mm	237,00

VALID FOR EXTERNAL OR INTERNAL CALIPERS, DEPTH CALIPERS, VERNIER OR DIGITAL.

INDICATORS - CALIBRATION REPORT

DESCRIPTION	€
Rod Dial Indicators and lever-type test indicators	25,00

INDICATORS - CERTIFICATE REPORT

DESCRIPTION	€
Rod Dial Indicators and lever-type test indicators	93,00

HARDNESS TESTER - CALIBRATION REPORT

DESCRIPTION	€
Rockwell, Brinell, Vickers (only 1 scale verify)	120,00
Additional scale	40,00

TECHNICIAN SERVICE COSTS EXCLUDED.

EXTERNAL MICROMETER - CALIBRATION REPORT

DESCRIPTION	€
From 0 to 25 mm	20,00
From 25 to 50 mm	22,00
From 50 to 75 mm	24,00
From 75 to 100 mm	26,00
From 100 to 125 mm	33,00
From 125 to 150 mm	37,00
From 150 to 175 mm	41,00
From 175 to 200 mm	45,00
From 200 to 225 mm	51,00
From 225 to 250 mm	57,00
From 250 to 275 mm	64,00
From 275 to 300 mm	71,00
From 300 to 325 mm	77,00
From 325 to 350 mm	82,00
From 350 to 375 mm	88,00
From 375 to 400 mm	92,00

Prices include micrometer report ONLY. Zero setting gauges report NOT included.

EXTERNAL MICROMETER - CERTIFICATE REPORT

DESCRIPTION	€
From 0 to 25 mm	72,00
From 25 to 50 mm	82,00
From 50 to 75 mm	93,00
From 75 to 100 mm	103,00
From 100 to 125 mm	119,00
From 125 to 150 mm	119,00
From 150 to 175 mm	124,00
From 175 to 200 mm	124,00
From 200 to 225 mm	144,00
From 225 to 250 mm	144,00
From 250 to 275 mm	165,00
From 275 to 300 mm	165,00
From 300 to 325 mm	185,00
From 325 to 350 mm	185,00
From 350 to 375 mm	206,00
From 375 to 400 mm	206,00

Prices include micrometer report ONLY. Zero setting gauges report NOT included.
The Report in on the total length of the scale, but the verification of tip planarity is NOT included and on request.

INTERNAL MICROMETER WITH EXTENSION RODS - CALIBRATION REPORT

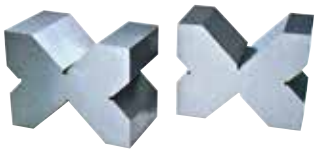
DESCRIPTION	€
From 50 to 500 mm (head + rods)	90,00
From 50 to 1000 mm (head + rods)	130,00
From 50 to 1500 mm (head + rods)	144,00
From 50 to 2000 mm (testa + aste)	192,00
From 1000 to 3000 mm (head + rods)	377,00
Zero Setting Master	40,00

INSPECTION PLATE - CALIBRATION REPORT

DESCRIPTION	€
Up to 1000 x 600 mm	187,00
Up to 1600 x 1000 mm	290,00
Up to 2500 x 1500 mm	400,00

PARALLEL BLOCKS - CALIBRATION REPORT

DESCRIPTION	€
Couple parallel blocks up to 200 mm	120,00



PIN GAUGES - CALIBRATION REPORT (1 DIAMETER VERIFICATION IN THE CENTER)

DESCRIPTION	€
Single pin	6,00
Set of 10 pcs	41,00
Set of 20 pcs	78,00
Set of 41 pcs	149,00
Set of 61 pcs	206,00
Set of 81 pcs	273,00
Set of 91 pcs	283,00
Set of 100 pcs	310,00
Set of 200 pcs	520,00

GO/NO GO THREAD PLUG - CALIBRATION REPORT

DESCRIPTION	€
Up to 20 mm	20,00
From 20 to 50 mm	23,00
From 50 to 75 mm	26,00
From 75 to 100 mm	31,50
From 100 to 150 mm	39,00
From 150 to 200 mm	51,00

2 verifications GO side
2 verifications NO GO side

GO/NO GO THREAD PLUG - CERTIFICATE REPORT

DESCRIPTION	€
From 1,5 to 5 mm	123,00
From 5 to 120 mm	82,00

4 verifications GO side
4 verifications NO GO side

GO OR NO GO THREAD PLUG - CALIBRATION REPORT

DESCRIPTION	€
Up to 20 mm	16,00
From 20 to 50 mm	18,50
From 50 to 75 mm	21,00
From 75 to 100 mm	25,00
From 100 to 150 mm	33,00
From 150 to 200 mm	40,80

2 verifications GO side
2 verifications NO GO side

GO OR NO GO THREAD PLUG - CERTIFICATE REPORT

DESCRIPTION	€
From 1,5 to 5 mm	85,50
From 5 to 120 mm	55,00
From 120 to 300 mm	134,00

4 verifications GO side
4 verifications NO GO side

NPT THREAD CALIPERS - CALIBRATION REPORT

DESCRIPTION	€
From G 1/16” to G1” NPT; NPTF; NGT	31,50
From G 1” 1/8 to G 2” NPT; NPTF; NTG	51,00
From G 2” ¼ to G 3” NPT; NPTF; NGT	61,50
From 3” to 4” NPT; NPTF; NGT	93,00

GO/NO GO PLUG GAUGES - CALIBRATION REPORT

DESCRIPTION	€
Up to 50 mm	14,00
From 50 to 75 mm	16,00
From 75 to 100 mm	18,00
From 100 to 150 mm	20,00
From 150 to 200 mm	22,00
From 200 to 250 mm	30,00
From 250 to 300 mm	39,00

GO/NO GO PLUG GAUGES - CERTIFICATE REPORT

DESCRIPTION	€
Single plug gauge up to 100 mm	67,00

GO OR NO GO PLUG GAUGES - CALIBRATION REPORT

DESCRIPTION	€
Up to 50 mm	7,00
From 50 to 75 mm	8,00
From 75 to 100 mm	9,00
From 100 to 150 mm	13,00
From 150 to 200 mm	15,00
From 200 to 250 mm	18,00
From 250 to 300 mm	20,00

GO OR NO GO PLUG GAUGES - CERTIFICATE REPORT

DESCRIPTION	€
Single plug gauge up to 100 mm	49,00
Single plug gauge up to 200 mm	72,00
Single plug gauge up to 300 mm	115,00

At Alpa, we strongly believe that environmental sustainability is an essential aspect around which to build a successful business. We are constantly looking for ways to reduce the impact we have on the environment as well as that of our customers and suppliers.

This is why we print this catalogue respecting the PEFC certification, recognized all over the world. Our continuous commitment is to develop the business and to safeguard the environment that surrounds us.

In Alpa crediamo fortemente che la sostenibilità ambientale sia un elemento imprescindibile attorno al quale costruire un business di successo. Siamo costantemente alla ricerca di modalità per migliorare sia il nostro impatto sull'ambiente, sia quello dei nostri clienti e fornitori.

Per questo, stampiamo questo catalogo rispettando la certifi cazione PEFC, riconosciuta in tutto il mondo. Il nostro impegno è continuo, nello sviluppo del business e dell'ambiente che ci circonda.

PEFC
PEFC/18-31-512

Certificato PEFC

Questo prodotto è realizzato con materia prima da foreste gestite in maniera sostenibile e da fonti controllate

www.pefc.it

ALPA s.r.l.
Via Mazzini, 4/a 25037
Pontoglio (BS) Italy

UFFICI PIOLTELLO (MI)
Tel. (+39) 02.2699181
Fax (+39) 02.26991848

UFFICI PONTOGLIO (BS)
Tel. (+39) 030.7470261
(+39) 030.7470901
Fax (+39) 030.7470333

info@alpametrology.com
www.alpametrology.com

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