

PROMO

VALID UNTIL 28.02.27



ALPA

WORKBENCH INSTRUMENTS

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MEASURING MACHINES AND HIGH TECHNOLOGY INSTRUMENTS

70

MEASURING MACHINES
AND HIGH TECHNOLOGY INSTRUMENTS

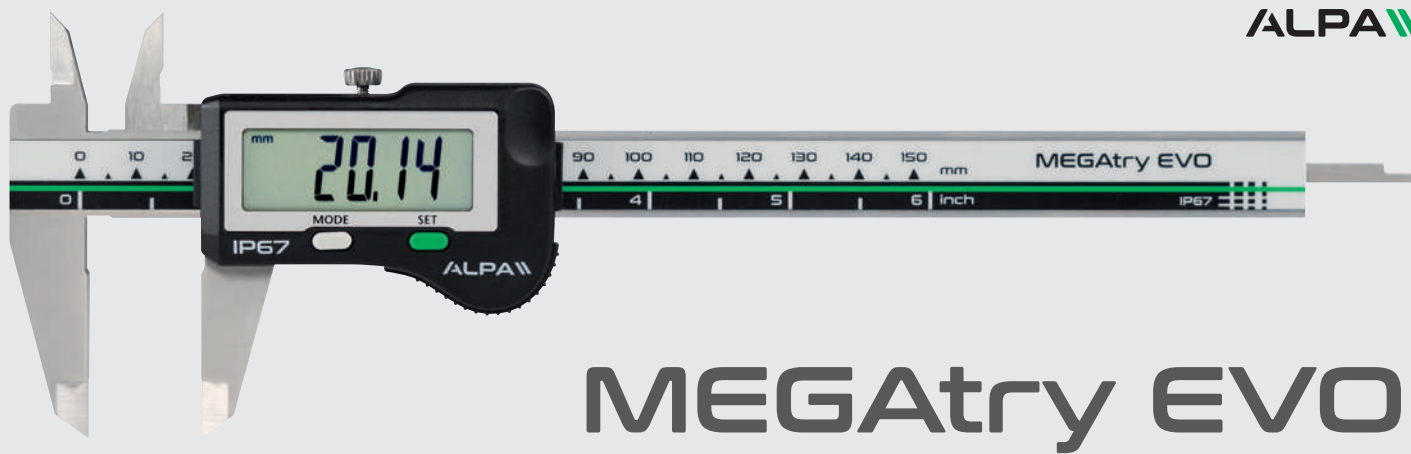
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CALIBRATION PRICE LIST ACCREDIA CERTIFICATES
AND CALIBRATION REPORTS





WORKBENCHINSTRUMENTS



MEGAty EVO

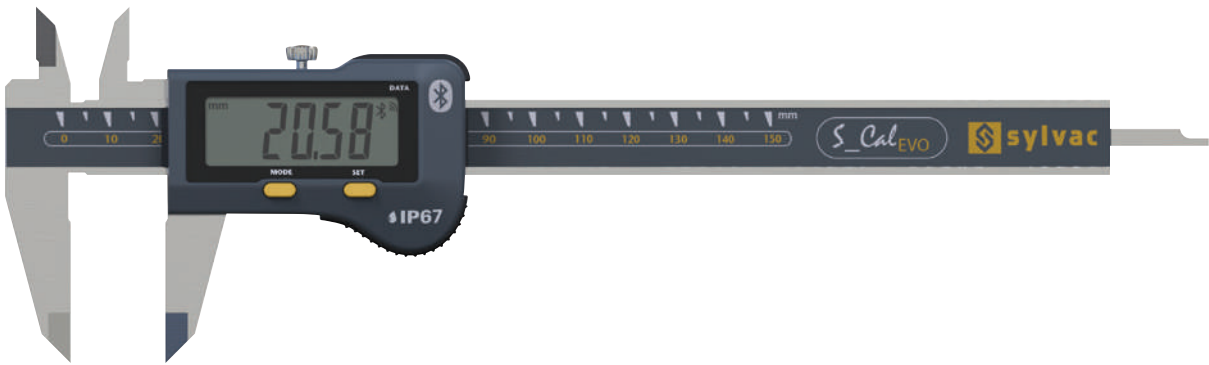
Digital caliper IP67 with presets

Accuracy ± 0.02 mm. Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Auto switch-off after 10 min inactivity. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic shape. No data output

Code	€ GR1	Rod	Range mm	Jaws mm
AA014150NDP	145,00	■	0 ÷ 150	40
AA014150NDT	145,00	●	0 ÷ 150	40
AA014200ND	210,00	■	0 ÷ 200	50
AA014300ND	275,00	-	0 ÷ 300	64



NEW



S_Cal EVO Smart

IP67 digital caliper with Bluetooth® and presets

Accuracy ± 0.02 mm. Resolution 0.01 mm. Protection IP67. Electronics protected against dust and brief immersion in water. Auto switch-off after 10 min inactivity. Hardened stainless steel construction. Slide with locking screw. Easy handling due to ergonomic shape.

Code	€ GR1	Rod	Range mm	Jaws mm
AA013150BTP	205,00	■	0 ÷ 150	40
AA013150BTT	205,00	●	0 ÷ 150	40
AA013200BT	310,00	■	0 ÷ 200	50
AA013300BT	390,00	-	0 ÷ 300	64



NEW




S_Cal EVO CARBIDE

IP67 digital caliper with Bluetooth® and presets

Accuracy ± 0.02 mm. Resolution 0.01 mm. Protection IP67. Electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic shape. Carbide-coated tips.

Code	€ GR1	Rod	Range mm	Jaws mm
AA037150MDBT	485,00	■	0 ÷ 150	40
AA037200MDBT	695,00	■	0 ÷ 200	50

NEW




S_Cal EVO Smart Micron

IP67 digital caliper with Bluetooth® and presets

Accuracy ± 0.015 mm. Resolution 0.001 mm. IP67 protection. Electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slider with locking screw. Easy to use thanks to its ergonomic design. Includes SCS primary certificate.

Code	€ GR1	Rod	Range mm	Jaws mm
AA011150BTP	445,00	■	0 ÷ 150	40
AA011150BTT	445,00	●	0 ÷ 150	40
AA011200BT	565,00	■	0 ÷ 200	50



PRO67

Digital calipers IP67

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP67. Electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw.

Code	€ GR1	Rod	Range mm	Jaws mm
AA017150P	119,00	■	0 ÷ 150	40
AA017150T	119,00	●	0 ÷ 150	40
AA017200	160,00	■	0 ÷ 200	50
AA017300	210,00	■	0 ÷ 300	60

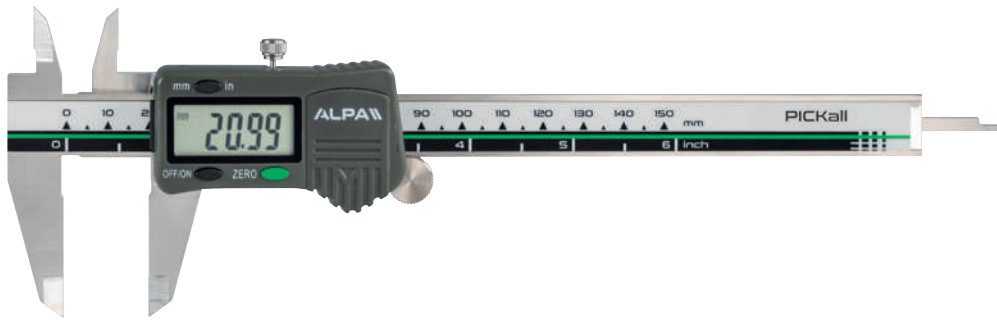


ABSolutus

Digital calipers IP54

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP54. Electronics protected against dust and splash water. Hardened stainless steel construction. Slide with locking screw.

Code	€ GR1	Rod	Range mm	Jaws mm
AA019150P	70,00	■	0 ÷ 150	40
AA019150T	70,00	●	0 ÷ 150	40
AA019200	100,00	■	0 ÷ 200	50
AA019300	140,00	■	0 ÷ 300	60



PICKall

Digital calipers IP40

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP40. Hardened stainless steel construction. Slide with adjustment roller and locking screw. On/off button.

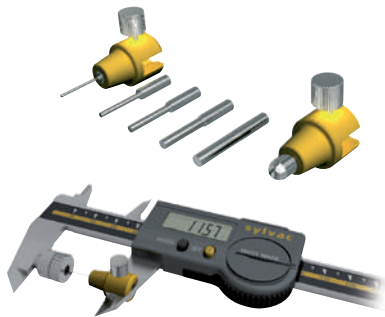
Code	€ GR1	Rod	Range mm	Jaws mm
AA020150P	65,00	■	0 ÷ 150	40
AA020150T	65,00	●	0 ÷ 150	40
AA020200	99,00	■	0 ÷ 200	50
AA020300	139,00	■	0 ÷ 300	64



Digital caliper IP40 with presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP40. Hardened stainless steel construction. Slide with locking screw. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA021100	50,00	0 ÷ 100	30
AA021150	50,00	0 ÷ 150	40
AA021200	70,00	0 ÷ 200	50
AA021300	110,00	0 ÷ 300	50



Interchangeable contacts for calipers

Set of interchangeable contacts for direct fitting onto the jaws of sliding calipers with a 3.5 mm jaw opening. Pairs of low-profile pins, Ø 1.0 / 1.5 / 2.0 / 2.5 / 3.0 mm, L 12 mm, and balls, R 1.5 mm.

Code	€ GR1	Description
ACC12000SET	130,00	Set of interchangeable contacts

Depth base for gauges

Base for standard gauges up to 300 mm to be applied to facilitate depth measurements.

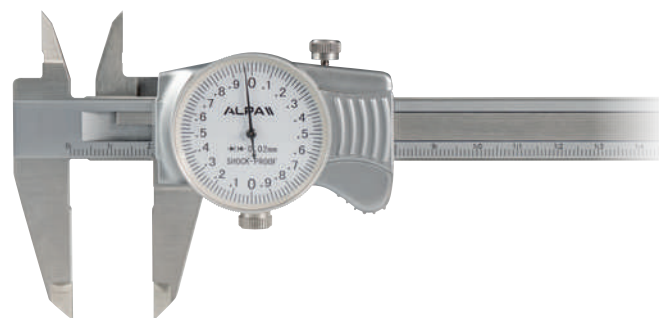
Code	€ GR1	Base mm	Height mm
ACC03001	40,00	76	30



Dial caliper

Accuracy ± 0.03 mm. Resolution 0.01 mm. Metal case. Dial 39 mm. 1 hand revolution = 1 mm.

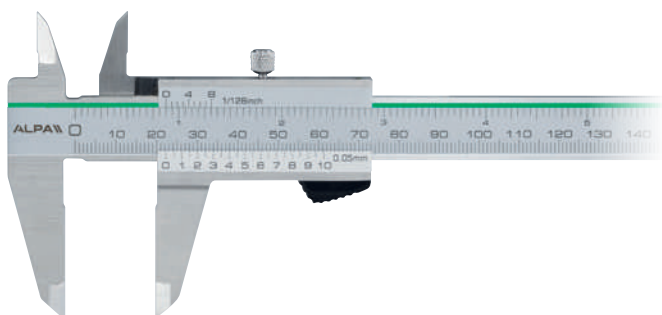
Code	€ GR1	Range mm	Jaws mm
AC010150	60,00	0 ÷ 150	40
AC010200	80,00	0 ÷ 200	50
AC010300	135,00	0 ÷ 300	62



Dial caliper

Accuracy ± 0.03 mm (150). Resolution 0.02 mm. Metal case. Dial 39 mm. 1 hand revolution = 2 mm.

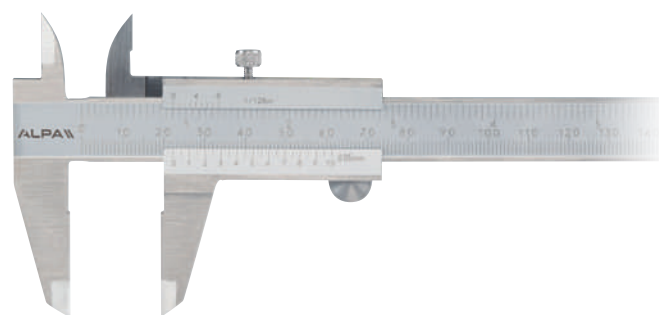
Code	€ GR1	Range mm	Jaws mm
AC015150	55,00	0 ÷ 150	40
AC015200	75,00	0 ÷ 200	50
AC015300	110,00	0 ÷ 300	60



Monobloc sliding caliper

Nonio 1/20. Readout 0.05 mm. Hardened stainless steel construction. Slide with locking screw. Matt chrome-plated scale. High precision.

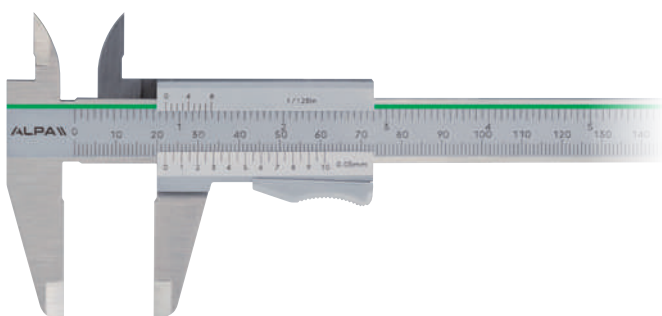
Code	€ GR1	Range mm	Jaws mm
AB012100	35,00	0 ÷ 100	30
AB012150	35,00	0 ÷ 150	40
AB012200	55,00	0 ÷ 200	50
AB012300	110,00	0 ÷ 300	60



Monobloc sliding caliper

Nonio 1/20. Readout 0.05 mm. Hardened stainless steel construction. Slide with adjustment roller and locking screw. Matt chrome-plated scale.

Code	€ GR1	Range mm	Jaws mm
AB017100	30,00	0 ÷ 100	40
AB017150	30,00	0 ÷ 150	40
AB017200	40,00	0 ÷ 200	50
AB017300	75,00	0 ÷ 300	60



Monobloc sliding caliper

Nonio 1/20. Readout 0.05 mm. Hardened stainless steel construction. Slide with locking button. Matt chrome-plated scale. High precision.

Code	€ GR1	Range mm	Jaws mm
AB011150	45,00	0 ÷ 150	40
AB011200	65,00	0 ÷ 200	50



Monobloc sliding caliper

Nonius 1/20. Readout 0.05 mm. Hardened stainless steel construction. Slide with locking button. Matt chrome-plated scale. High precision. AB02515050 version with 1/50 nonius and 0.02 reading.

Code	€ GR1	Range mm	Jaws mm
AB02515020	30,00	0 ÷ 150	40
AB025200	45,00	0 ÷ 200	50
AB025300	90,00	0 ÷ 300	62



IP54 Carbon Fibre Digital Caliper with presets

Accuracy ± 0.03 mm (1000). Resolution 0.01 mm. Protection IP54. Swiss electronics protected from dust and water spray. Carbon fibre construction with locking screw and micrometric adjustment. TiN-coated stainless steel beaks.

Code	€ GR1	Range mm	Jaws mm	Section mm
AA0401000150	1.950,00	0 ÷ 1000	150	47 x 16
AA0401000300	3.255,00	0 ÷ 1000	300	47 x 16
AA0401000500	3.990,00	0 ÷ 1000	500	47 x 16
AA0401500150	2.990,00	0 ÷ 1500	150	47 x 16
AA0401500200	3.350,00	0 ÷ 1500	200	47 x 16
AA0401500300	3.890,00	0 ÷ 1500	300	47 x 16
AA0401500500	4.680,00	0 ÷ 1500	500	47 x 16
AA0402000150	3.305,00	0 ÷ 2000	150	47 x 16
AA0402000200	3.685,00	0 ÷ 2000	200	47 x 16
AA0402000300	4.990,00	0 ÷ 2000	300	47 x 16
AA0402000500	5.590,00	0 ÷ 2000	500	47 x 16
AA0402500200	4.990,00	0 ÷ 2500	200	47 x 16

Code	€ GR1	Range mm	Jaws mm	Section mm
AA0402500300	5.590,00	0 ÷ 2500	300	47 x 16
AA0403000200	5.590,00	0 ÷ 3000	200	47 x 16
AA0403000300	5.990,00	0 ÷ 3000	300	47 x 16
AA0403500200	6.600,00	0 ÷ 3500	200	47 x 16
AA0403500300	6.900,00	0 ÷ 3500	300	47 x 16
AA0404000200	11.900,00	0 ÷ 4000	200	47 x 38
AA0404000300	12.500,00	0 ÷ 4000	300	47 x 38
AA0404500200	13.900,00	0 ÷ 4500	200	47 x 38
AA0404500300	15.375,00	0 ÷ 4500	300	47 x 38
AA0405000200	15.500,00	0 ÷ 5000	200	47 x 38
AA0405000300	16.865,00	0 ÷ 5000	300	47 x 38

NEW



MEGAline

IP67 Carbon Fibre Digital Caliper with Presets

Accuracy ± 0.04 mm (1000). Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Carbon fibre construction. TiN-coated stainless steel tips.

Code	€ GR1	Range mm	Jaws mm	Section mm
AA0431000150	1.710,00	0 ÷ 1000	150	40
AA0431000200	2.100,00	0 ÷ 1000	200	40
AA0431500150	2.185,00	0 ÷ 1500	150	40

Code	€ GR1	Range mm	Jaws mm	Section mm
AA0431500200	2.600,00	0 ÷ 1500	200	40
AA0432000150	2.860,00	0 ÷ 2000	150	40
AA0432000200	3.500,00	0 ÷ 2000	200	40

NEW

sylvac



Ultra light caliper UL4

IP67 aluminium digital calipers with Bluetooth® presets and moving beaks

Resolution 0.01 mm. IP67 protection. Electronics protected against dust and brief immersion in water. Reinforced aluminium construction. Slide with locking screw. Stainless steel nozzles with TiN coating. Reinforced housing with internal prismatic guides. Measuring force displayed in both pull and push.

Code	€ GR1	Range mm	Jaws mm	Section mm
AA046400BT	1.610,00	0 ÷ 400	202	38
AA046600BT	1.690,00	0 ÷ 600	202	38
AA0461000BT	2.165,00	0 ÷ 1000	202	38
AA0461500BT	3.110,00	0 ÷ 1500	202	38

Code	€ GR1	Range mm	Jaws mm	Section mm
AA0462000BT	4.275,00	0 ÷ 2000	202	38
AA0462500BT	5.420,00	0 ÷ 2500	202	38
AA0463000BT	5.990,00	0 ÷ 3000	202	38



MEGAline

Digital caliper IP67 with presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Available with Bluetooth® on request.

Code	€ GR1	Range mm	Jaws mm	Section mm
AA029300	560,00	0 ÷ 300	100	17 x 5
AA029400	650,00	0 ÷ 400	100	17 x 5
AA029500	690,00	0 ÷ 500	100	17 x 5
AA029600	790,00	0 ÷ 600	100	17 x 5

NEW

sylvac



S_Cal EVO Form E Mid-size

IP67 digital caliper with Bluetooth® and presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP67. Electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling due to ergonomic shape.

Code	€ GR1	Range mm	Jaws mm	Section mm
AA028300BT	775,00	0 ÷ 300	100	17 x 5



Digital calipers IP40 with micrometer adjustment and presets

Accuracy ± 0.05 mm (300). Resolution 0.01 mm. Protection IP40. Hardened stainless steel construction. Slide with locking screw and micrometric adjustment. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA050300	200,00	0 ÷ 300	100
AA050500100	240,00	0 ÷ 500	100
AA050500150	290,00	0 ÷ 500	150
AA050500200	395,00	0 ÷ 500	200
AA050600150	440,00	0 ÷ 600	150
AA050600300	645,00	0 ÷ 600	300
AA050800150	505,00	0 ÷ 800	150
AA0501000150	735,00	0 ÷ 1000	150
AA0501000300	1.380,00	0 ÷ 1000	300
AA0501500200	1.525,00	0 ÷ 1500	200
AA0501500300	1.925,00	0 ÷ 1500	300
AA0502000300	2.220,00	0 ÷ 2000	300
AA0503000300	4.300,00	0 ÷ 3000	300

NEW



Digital calipers for indoor and outdoor use

Resolution 0.01 mm. Incremental zeroing or return to absolute scale. Slide with locking screw and micrometric adjustment. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA051600100	490,00	0 ÷ 600	100
AA0511000125	900,00	0 ÷ 1000	125

Digital calipers IP40 with micrometer adjustment and presets

Accuracy ± 0.05 mm (300). Resolution 0.01 mm. Protection IP40. Slide with locking screw and micrometric adjustment. Matt chrome-plated scale. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA052300	270,00	0 ÷ 300	100
AA052600	520,00	0 ÷ 600	150
AA0521000	915,00	0 ÷ 1000	150

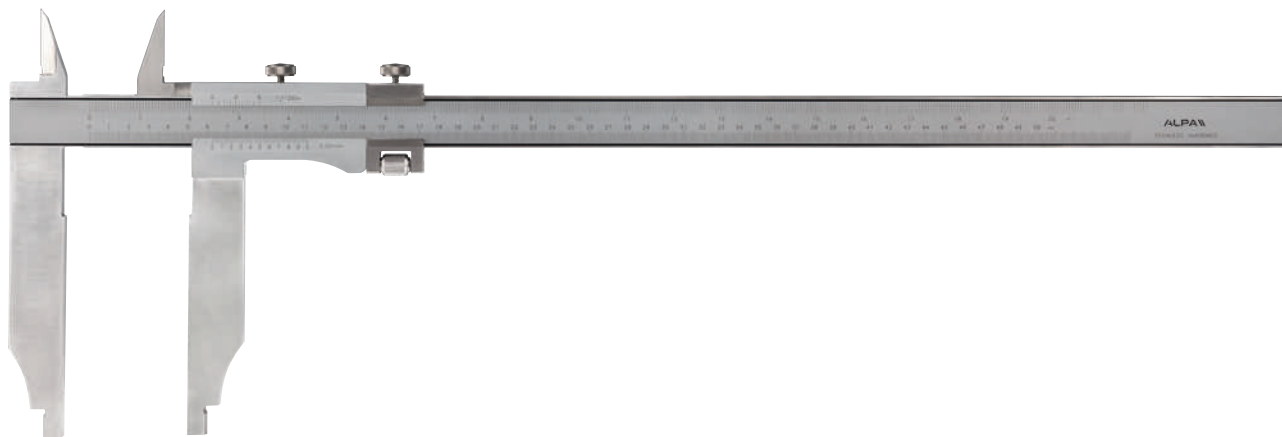


Large-capacity monobloc caliper with micrometric adjustment

Nonio 1/50, lettura 0,02mm. Scala cromata opaca, corsoio con bloccaggio a vite e regolazione micrometrica. Esecuzione accurata.

Code	€ GR1	Range mm	Jaws mm
AB035200	80,00	0 ÷ 200	65
AB035250	120,00	0 ÷ 250	80
AB03530090	140,00	0 ÷ 300	90
AB035300100	185,00	0 ÷ 300	100
AB035300150	240,00	0 ÷ 300	150
AB035400125	255,00	0 ÷ 400	125
AB035400200	345,00	0 ÷ 400	200
AB035500115	260,00	0 ÷ 500	115
AB035500150	310,00	0 ÷ 500	150
AB035500200	390,00	0 ÷ 500	200
AB035600115	290,00	0 ÷ 600	115
AB035600150	350,00	0 ÷ 600	150
AB035600200	425,00	0 ÷ 600	200
AB035600300	690,00	0 ÷ 600	300

Code	€ GR1	Range mm	Jaws mm
AB035800150	455,00	0 ÷ 800	150
AB035800300	785,00	0 ÷ 800	300
AB035800400	990,00	0 ÷ 800	400
AB0351000150	590,00	0 ÷ 1000	150
AB0351000300	950,00	0 ÷ 1000	300
AB0351000500	1.590,00	0 ÷ 1000	500
AB0351200200	1.320,00	0 ÷ 1200	200
AB0351500200	1.290,00	0 ÷ 1500	200
AB0351500300	1.755,00	0 ÷ 1500	300
AB0351500500	2.340,00	0 ÷ 1500	500
AB0352000300	2.420,00	0 ÷ 2000	300
AB0352000500	2.850,00	0 ÷ 2000	500
AB0353000300	3.895,00	0 ÷ 3000	300

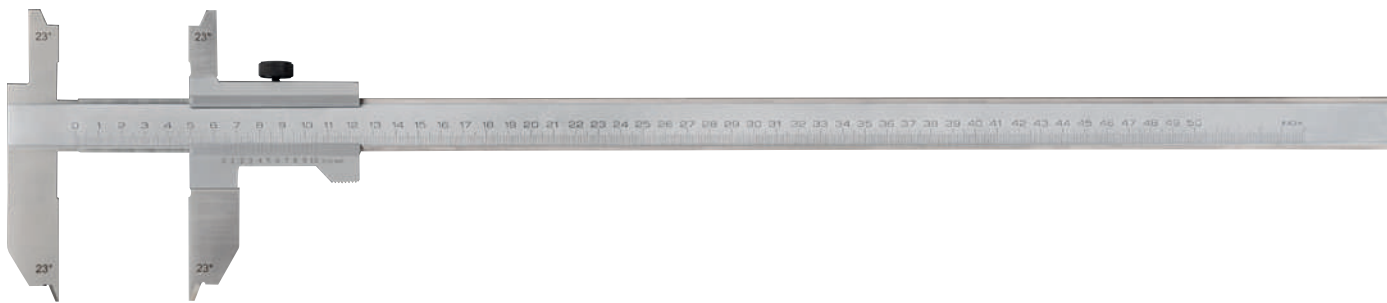


Monobloc caliper with upper jaws for internal measurements, featuring micrometric adjustment

Nonius 1/50. Readout 0.02 mm. Stainless steel construction. Slide with locking screw and micrometric adjustment.

Code	€ GR1	Range mm	Jaws mm
AB045300	215,00	0 ÷ 300	90
AB045500	455,00	0 ÷ 500	150

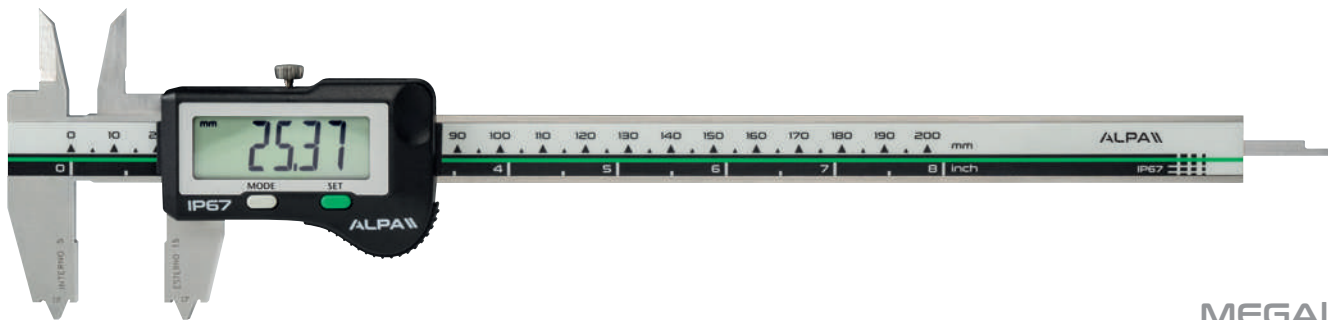
Code	€ GR1	Range mm	Jaws mm
AB045600	520,00	0 ÷ 600	150
AB0451000	805,00	0 ÷ 1000	150



Ring joint gauge

Nonio 1/20. Reading 0.02 mm. Slide with locking screw. Slide stop at end of shaft. Chrome-plated scale reading. Engraved precision graduation. 23° beaks. Built to DIN 862.

Code	€	Range mm	Jaws mm
AB070300	GR1 580,00	0 ÷ 300	45
AB070500	860,00	0 ÷ 500	45
AB0701000	1.200,00	0 ÷ 1000	65



MEGAline

Digital calipers for IP67 ring joint with presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic design. 23° beaks. Available with Bluetooth® on request.

Code	€	Range mm	Jaws mm
AA080200	GR1 600,00	0 ÷ 200	32



Zeroing master

Zeroing master equipped with 23° tilting details for zeroing ring joint gauges.

Code	€	Base mm	Height mm
ACC09001	GR1 405,00	90	50



MEGAline

IP67 Digital Caliper with presets

Accuracy ± 0.03 mm (300). Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic shape. Interchangeable pull/push in the same plane. Ready for mobile bridge. Available with Bluetooth® on request.

Code	€ GR1	Range mm	C x B mm
AA064300	790,00	0 ÷ 300	150 x 12
AA064400	855,00	0 ÷ 400	150 x 12
AA064500	1.000,00	0 ÷ 500	150 x 12
AA064600	1.110,00	0 ÷ 600	150 x 12
AA064800	1.690,00	0 ÷ 800	150 x 12
AA0641000	1.980,00	0 ÷ 1000	150 x 12



Mobile bridge for depth gauges

Mobile bridge for depth gauges code AA064.

Code	€ GR1	Length mm
ACC08001	550,00	400
ACC08002	635,00	500
ACC08003	820,00	600

ACC20001



ACC20005



ACC20002



ACC20006



ACC20003



ACC20007



ACC20004



Accessories for depth gauges

Optional probes for fitting to the AA064 and AA066 calipers.



S_Depth EVO TJ

IP67 digital caliper with interchangeable contacts, Bluetooth® and presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. IP67 protection. Electronics protected against dust and brief immersion in water. Slider with locking screw. Probe with push/push in the same plane. 100 mm base with through-holes for additional crossheads.

Code	€ GR1	Range mm
AA066200BT	825,00	0 ÷ 200
AA066300BT	960,00	0 ÷ 300
AA066500BT	1.300,00	0 ÷ 500

MOBILE BRIDGE FOR DEPTH GAUGES

Code	€ GR1	L mm
ACC10200	190,00	200
ACC10320	220,00	320



MEGAline



S_Depth EVO RP

IP67 Digital Caliper with presets

Accuracy ± 0.02 mm (200). Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic shape.

Code	€ GR1	Range mm	Base mm	Length mm
AA054200	525,00	0 ÷ 200	105 x 10	310
AA054300	620,00	0 ÷ 300	150 x 12	410
AA054400	715,00	0 ÷ 400	150 x 12	510
AA054500	790,00	0 ÷ 500	150 x 12	610
AA054600	870,00	0 ÷ 600	150 x 12	710

MOBILE BRIDGE FOR DEPTH GAUGES

Code	€ GR1	L mm
ACC10200	190,00	200
ACC10320	220,00	320

IP67 digital caliper with Ø2 mm directionable plug with Bluetooth® and presets

Accuracy ± 0.02 mm. Resolution 0.01 mm. IP67 rating. Electronics protected against dust and brief immersion in water. Ø2 mm adjustable plug contact. 100 mm base with interchangeable 200/320 mm bridges.

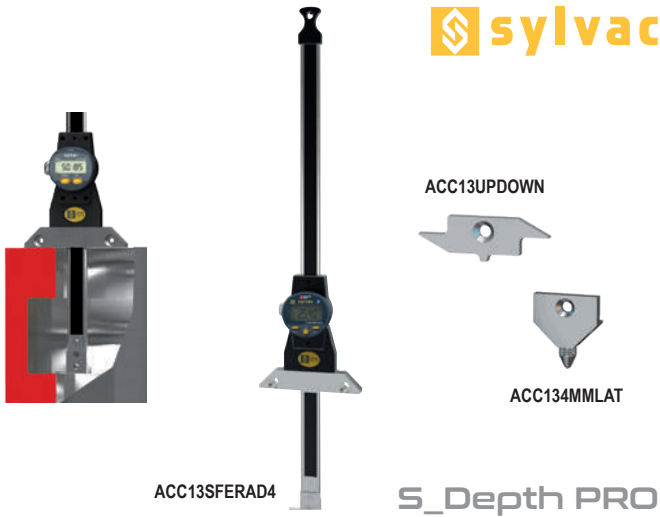
Code	€ GR1	Range mm
AA056200BT	850,00	0 ÷ 200
AA056300BT	990,00	0 ÷ 300
AA056500BT	1.320,00	0 ÷ 500

MOBILE BRIDGE FOR DEPTH GAUGES

Code	€ GR1	L mm
ACC10200	190,00	200
ACC10320	220,00	320



MEGAline



S_Depth PRO

Digital calipers for IP67 small bore depth with presets

Accuracy ± 0.02 mm. Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic shape. Minimum bore diameter of 6 mm. Available with Bluetooth® on request.

Code	€ GR1	Range mm	Puntale mm
AA08312058	610,00	0 ÷ 120	0,6
AA08312078	655,00	0 ÷ 120	0,9

Bidirectional IP67 Depth Caliper with Bluetooth® and presets

Accuracy ± 0.01 mm. Resolution 0.01 mm. Protection IP65. Electronics protected against dust and water jets. Smart function with double reference storage for bidirectional measurements. Slide with locking screw. Ball contacts M2.5. 100 mm base with through holes for additional bridges.

Code	€ GR1	Range mm
AA091300BT	970,00	0 ÷ 300
AA091600BT	1.290,00	0 ÷ 600

Code	€ GR1	Description
ACC13SFERAD4	115,00	Ball tip M 2.5 and diameter 4mm
ACC13UPDOWN	150,00	Tip up and down
ACC134MMLAT	140,00	Side plug port 4 mm

NEW



IP67 Digital Caliper with presets

Accuracy ± 0.02 mm. Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic design.

Code	€ GR1	Range mm	Base mm	Length mm
AA107200	195,00	0 ÷ 200	100	285
AA107300	275,00	0 ÷ 300	150	390



Digital calipers for depth IP54

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP54. Electronics protected against dust and splash water. Slide with locking screw. On/off button.

Code	€ GR1	Range mm	Base mm	Length mm
AA101200	115,00	0 ÷ 200	100	285
AA101300	190,00	0 ÷ 300	150	390



IP54 digital calipers with double feet

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP54. Electronics protected against dust and splash water. Slide with locking screw. On/off button.

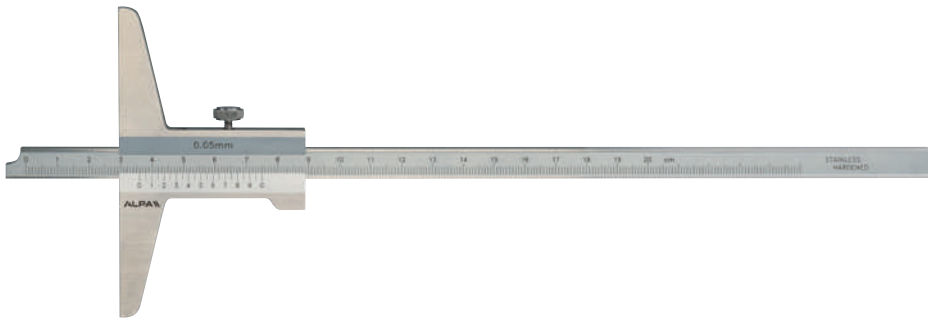
Code	€ GR1	Range mm	Base mm	Length mm
AA103200	175,00	0 ÷ 200	100	285
AA103300	235,00	0 ÷ 300	150	390



IP54 digital calipers with plungers

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP54. Electronics protected against dust and splash water. Slide with locking screw. On/off button.

Code	€ GR1	Range mm	Base mm	Length mm
AA105200	150,00	0 ÷ 200	100	285
AA105300	205,00	0 ÷ 300	150	390



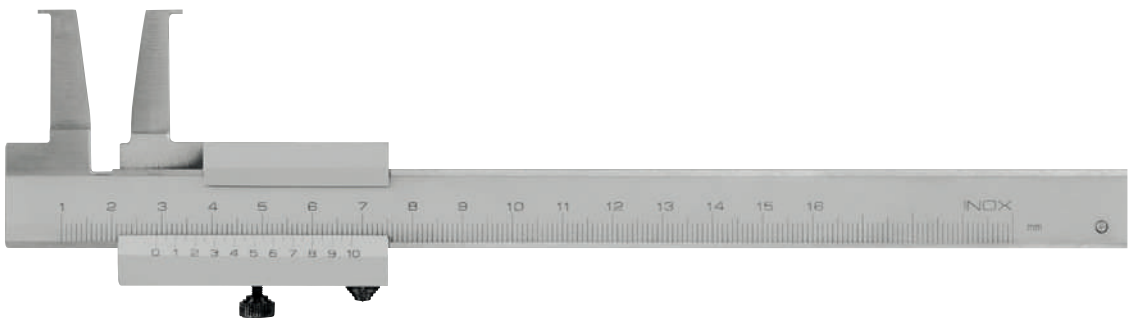
Monobloc caliper
Nonius 1/20. Readout 0.05 mm. Slide with locking screw.

Code	€ GR1	Range mm	Base mm	Length mm
AB055150	35,00	0 ÷ 150	100	250
AB055200	45,00	0 ÷ 200	100	300
AB055300	90,00	0 ÷ 300	150	400
AB055400	115,00	0 ÷ 400	150	505
AB055500	160,00	0 ÷ 500	150	605
AB0551000	590,00	0 ÷ 1000	200	1160



Monobloc caliper with twin feet
Nonius 1/20. Readout 0.05 mm. Slide with locking screw.

Code	€ GR1	Range mm	Base mm	Length mm
AB062200	115,00	0 ÷ 200	100	260
AB062300	135,00	0 ÷ 300	100	370



Internal groove caliper
Nonio 1/20. Readout 0.05 mm. Slide with locking screw. Matt chrome-plated scale.

Code	€ GR1	Range mm	Maximum groove depth mm	Jaws mm
AB067160	85,00	9.5 ÷ 160	3	25
AB067200	135,00	26 ÷ 200	7	60
AB067300	200,00	60 ÷ 300	10	100



MEGAline

Digital calipers for IP67 internal/external grooves with presets

Accuracy ± 0.02 mm (250). Resolution 0.01 mm. Protection IP67. Swiss electronics protected from dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic shape. Interchangeable tips. Supplied with $\varnothing 3$ mm ball tip and M 2 thread5 (code AA084350 and AA084450). Supplied with hardened dowels $\varnothing 2.5$ mm (code AA084250). Supplied with adapter $\varnothing 3.5$ mm and thread M2.5.

Code	€ GR1	Internal range mm	External range mm	Section mm
AA084250	875,00	24 ÷ 250	0 ÷ 210	16,5 x 4,5
AA084350	995,00	44 ÷ 400	0 ÷ 320	17 x 5
AA084450	1.190,00	44 ÷ 500	0 ÷ 420	17 x 5



MEGAline

Digital calipers for internal/external grooves IP54 with presets

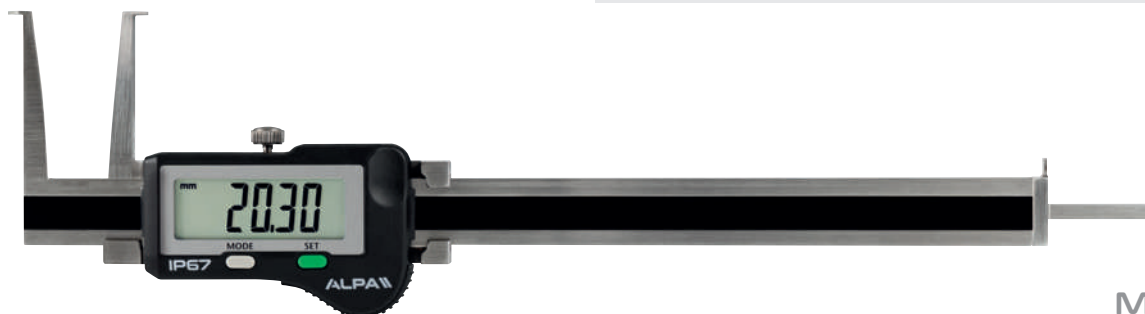
Accuracy ± 0.04 mm. Resolution 0.01 mm. Protection IP54. Swiss electronics protected against dust and splash water. Hardened stainless steel construction. Slide with locking screw. Interchangeable tips. Supplied with $\varnothing 3.5$ mm plug-in tips. Supplied with $\varnothing 3.5$ mm adapter and M 2.5 thread.

Code	€ GR1	Internal range mm	External range mm	Section mm
AA081650	1.490,00	44 ÷ 650	0 ÷ 570	22 x 5

Pointer adapters

Pair of adapters required for use of M 2.5 mm test leads.

Code	€ GR1	A mm	Ø mm
CC0458	40,00	8	3,5
CC04510	40,00	10	3,5
CC04512	65,00	12	3,5
CC04520	80,00	20	3,5



MEGAline

Digital calipers for IP67 grooves and channels with presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Slide with locking screw. Easy handling thanks to ergonomic design.

Code	€ GR1	Range mm	Maximum groove depth mm	Section mm
AA086170	620,00	10 ÷ 170	3,5	16,5 x 4
AA086180	675,00	20 ÷ 180	8,5	16,5 x 4



Digital calipers for internal grooves IP40

Accuracy ± 0.05 mm. Resolution 0.01 mm. Protection IP40. Slide with locking screw. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA179150	155,00	14 ÷ 150	30
AA179200	185,00	15 ÷ 200	40
AA179300	250,00	17 ÷ 300	50
AA179500	350,00	35 ÷ 500	120



IP40 digital calipers with interchangeable tips and presets

Accuracy ± 0.05 mm. Resolution 0.01 mm. Protection IP40. Hardened stainless steel construction. Slide with locking screw. On/off button. Other tips to be ordered separately.

Code	€ GR1	Range Ø1 - Ø6,5 mm	Jaws mm	Jaws thickness mm
AA176150	195,00	34 ÷ 150	50	5
AA176200	225,00	34 ÷ 200	50	5



IP40 digital calipers with interchangeable tips and micrometric adjustment

Accuracy ± 0.05 mm. Resolution 0.01 mm. Protection IP40. Hardened stainless steel construction. Slide with locking screw and micrometric adjustment. On/off button. Supplied with a pair of cylindrical tips with M2.5 thread. Other tips to be ordered separately.

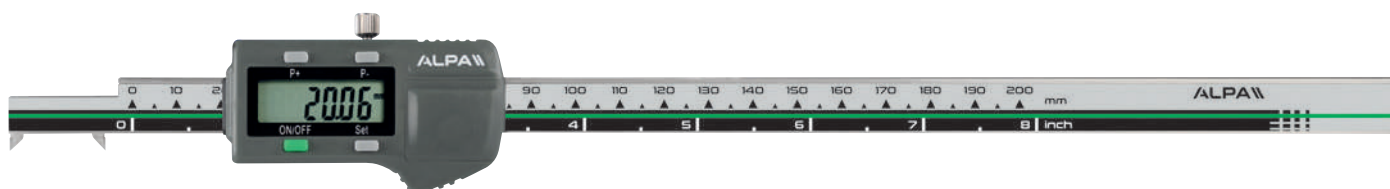
Code	€ GR1	Internal range mm	External range mm	Jaws mm
AA077300	440,00	40 ÷ 300	0 ÷ 300	93
AA077500	585,00	50 ÷ 500	0 ÷ 500	103



Digital calipers for IP40 internal grooves with presets

Accuracy ± 0.05 mm. Resolution 0.01 mm. Protection IP40. Slide with locking screw. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA189150	150,00	22 ÷ 150	30
AA189200	170,00	40 ÷ 200	70



Digital calipers for IP40 internal grooves with presets

Accuracy ± 0.03 mm. Resolution 0.01 mm. Protection IP40. Slide with locking screw. On/off button. Suitable for measuring distances between internal slots.

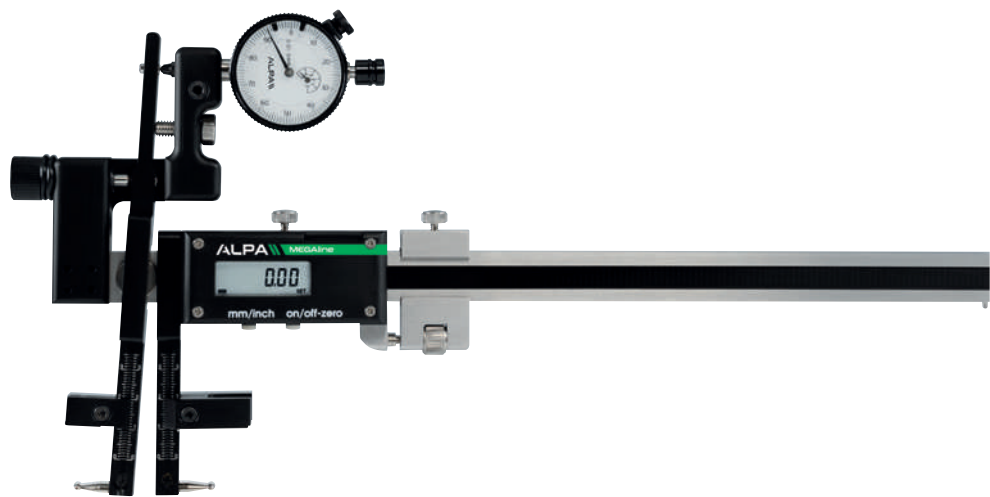
Code	€ GR1	Range mm
AA188125	170,00	3 ÷ 125
AA188200	225,00	3 ÷ 200



Digital calipers with long beaks for indoor use with presets

Accuracy ± 0.04 mm. Resolution 0.01 mm. Protection IP40. Hardened stainless steel construction. Slide with locking screw. On/off button.

Code	€ GR1	Range mm	Jaws mm
AA104150	150,00	0 ÷ 150	49,5
AA104200	175,00	0 ÷ 200	54,5
AA104300	245,00	0 ÷ 300	49,5



MEGAline

IP54 internal/external caliper with preset

Accuracy ± 0.02 mm. Resolution 0.01 mm. IP54 protection. Swiss-made electronics protected against dust and brief immersion in water. Hardened stainless steel construction. Sliding block with locking screw. Interchangeable tips for grooves and threads. Supplied with a 0.0.01 Ø 40 mm. Also available in an analogue version on request.

Code	€ GR1	Range mm	Section mm	Length mm	Jaws mm
AA120200	2.100,00	20 ÷ 200 x 60	18 x 4	325	55
AA120300	2.350,00	24 ÷ 300 x 80	22 x 5	435	75
AA120500	2.645,00	24 ÷ 500 x 80	22 x 5	635	75



MEGAline

IP54 internal/external caliper with preset

Accuracy ± 0.02 mm. Resolution 0.01 mm. IP54 protection. Swiss-made electronics protected against dust and brief immersion in water. Carbon fibre construction, light alloy components. Slider with locking screw and micrometric adjustment. Digital caliper for internal/external measurements with preload in both pull and push directions. Preload working stroke 20 mm. Supplied with 0.01 mm Dial indicator. Spherical adapter and D.20 flange couplings.

Code	€ GR1	Range mm	Section mm	Length mm	Jaws mm
AA125400	3.155,00	0 ÷ 400	30 x 20	550	75
AA125600	3.360,00	0 ÷ 600	30 x 20	750	75
AA125800	4.030,00	0 ÷ 800	30 x 20	950	75
AA1251000	4.580,00	0 ÷ 1000	30 x 20	1300	75
AA1251500	5.050,00	0 ÷ 1500	47 x 16	1800	75
AA1252000	6.020,00	0 ÷ 2000	47 x 16	2300	75
AA1252500	7.040,00	0 ÷ 2500	47 x 16	2800	75
AA1253000	7.550,00	0 ÷ 3000	47 x 16	3300	75



Set for internal and external measurements

A precise, reliable and versatile instrument for measuring internal and external diameters and grooves. Range 15 mm; Internal measuring capacity 30-250 mm; External measuring range 0-215 mm. Supplied with: dial indicator/comparator with protective cover, pair of 50 mm measuring arms, pair of depth stops, pair of fixing inserts, pair of spherical contacts. Optionally available with Bluetooth indicator.

- Range extendable up to 3000 mm with extensions
- Digital or analogue readout
- Special contacts available on request.

Code	€ GR3	Description
BA41002SET	3.870,00	Universal meter (small set)



Extension for universal gauges

Extension bars to be fitted to the universal gauge to increase its range.

Code	€ GR1	Extension mm	Internal range mm
BA424150C	230,00	150	30 ÷ 405
BA424500C	780,00	500	30 ÷ 755
BA4241000C	1.090,00	1000	30 ÷ 1255



Complete set for internal and external measurements

A precise, reliable and versatile instrument for measuring internal diameters, external diameters and grooves. Range 15 mm; Internal measurement capacity 30-250 mm; External measuring range 0-215 mm. Supplied with: analogue/digital dial indicator with protective cover, a pair of measuring arms (50, 75 and 100 mm), a pair of 20 mm disc anvil blocks, a pair of 12 mm disc anvils for internal/external measurements, a pair of shoulder anvils, a pair of semi-cylindrical anvils, a pair of depth stops, a pair of fixing inserts, a pair of flat anvils, a pair of spherical anvils. Optionally available with a Bluetooth indicator.

- Measurement range extendable up to 3000 mm with extension pieces
- Digital or analogue readout
- Special contacts available on request.

Code	€ GR3	Description
BA4000SET	6.400,00	Universal meter (large set)



Extension for universal gauges

Extension bars to be fitted to the universal gauge to increase its range.

Code	€ GR1	Extension mm	Internal range mm
BA424150C	230,00	150	30 ÷ 405
BA424500C	780,00	500	30 ÷ 755
BA4241000C	1.090,00	1000	30 ÷ 1255

NEW



Digital centesimal instrument for measuring internal grooves IP67

Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Data output.

Code	€ GR1	Range mm	Max. depth mm
BA35010080	990,00	26 ÷ 100	80
BA350100120	1.095,00	26 ÷ 100	120
BA350150120	1.140,00	75 ÷ 150	120
BA350150160	1.440,00	75 ÷ 150	160

Digital centesimal instrument for external groove measurements IP67

Resolution 0.01 mm. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Data output.

Code	€ GR1	Range mm	Max. depth mm
BA360075080	990,00	0-75	80
BA360075120	1.095,00	0-75	120
BA360150120	1.140,00	75-150	120
BA360150160	1.440,00	75-150	160



Outdoor Quick Gauge

Tungsten carbide contacts. Supplied with two pairs of contacts for flat, concave and convex surfaces. Indoor item measuring range 22 72 mm, other items measuring range 0 50 mm.

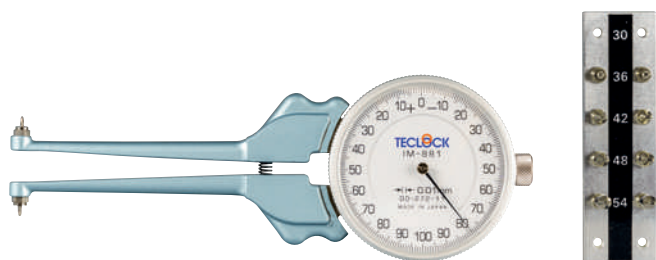
Code	€ GR1	Range mm	Resolution mm	Length mm	Height mm
BB39602150	965,00	0 ÷ 50	0,02	150	55
BB39602250	1.110,00	0 ÷ 50	0,02	250	55
BB39610150	870,00	0 ÷ 50	0,10	150	55
BB39610250	1.010,00	0 ÷ 50	0,10	250	55

Outdoor Quick Gauge

Tungsten carbide contacts. Supplied with two pairs of contacts for flat, concave and convex surfaces. Indoor item measuring range 22 72 mm, other items measuring range 0 50 mm.

Code	€ GR1	Range mm	Resolution mm	Length mm	Height mm
BB39902150	1.250,00	0 ÷ 50	0,02	150	15
BB39902250	1.430,00	0 ÷ 50	0,02	250	15
BB39910150	1.120,00	0 ÷ 50	0,10	150	15
BB39910250	1.310,00	0 ÷ 50	0,10	250	15

TECLOCK®



High-precision rapid indoor measuring device

Resolution 0.01 mm. Patented shock-absorbing movement with only 2 mm travel for high-precision measurements. Cast iron instrument body and arms. Maximum thermal stability and repeatability. Interchangeable conical-profile probes for entry into deep and narrow grooves.

Code	€ GR1	Range mm	Length mm	Spare contact points
BB36534	320,00	20 ÷ 35	165	7 pairs M2.5
BB36560	330,00	30 ÷ 62	170	5 pairs M3.5
BB365150	350,00	55 ÷ 153	183	6 pairs M3.5

Deltas

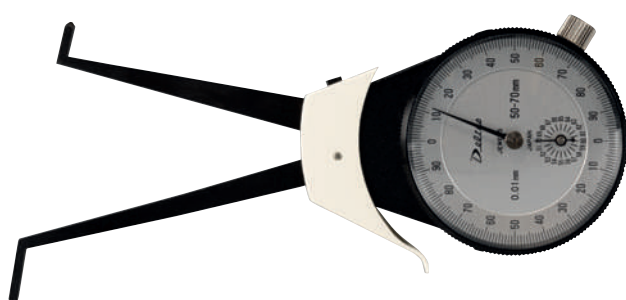


Quick gauge for indoor use

Resolution 0.01 mm. Light alloy instrument body and arms. Rotating dial, carbide spherical contacts.

Code	€ GR1	Range mm	Length mm
BB360409	320,00	3 ÷ 9	2,3
BB3604018	195,00	6 ÷ 18	2,3

Deltas

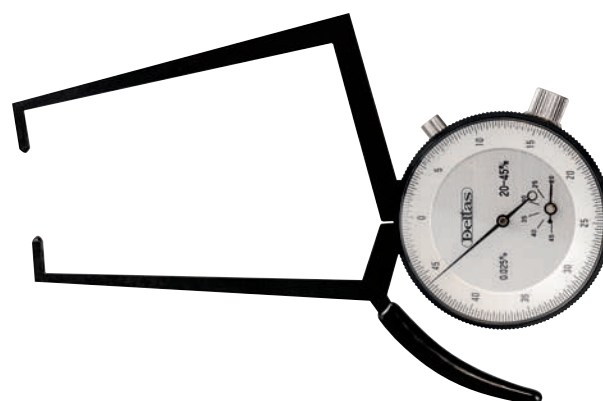


Quick-measuring device for interiors

Resolution 0.01 mm. Light alloy instrument body and arms. Rotating dial, carbide spherical contacts.

Code	€ GR1	Range mm	Length mm
BB3626430	295,00	10 ÷ 30	64
BB3626450	295,00	30 ÷ 50	64
BB3626470	345,00	50 ÷ 70	64

Deltas



Outdoor Quick Gauge

Resolution 0.025 mm. carbide spherical contacts. rotating dial.

Code	€ GR1	Range mm	Length mm
BB37525	280,00	0 ÷ 25	80
BB37545	295,00	20 ÷ 45	80



0 - 30mm
0,001mm
IP67

ALPA

MEGAwhiz

IP67 millesimal digital micrometer with rapid feed and preset

Resolution 0.001 mm. IP67 protection. Swiss electronics protected against dust and brief immersion in water. Automatic switch-on by moving the drum. Stand-by position memory. Drum stroke (10 mm/revolution). Selectable measuring force 5 N / 10 N (BA01030 version). Non-rotating stem. Tungsten carbide contacts. 6.5 mm diameter stem.

Code	€ GR1	Range mm	Accuracy mm
BA01030	475,00	0 ÷ 30	± 0,003
BA01066	685,00	30 ÷ 66	± 0,004
BA010102	895,00	66 ÷ 102	± 0,005
BA010136	2.310,00	100 ÷ 136	± 0,005
BA010161	2.500,00	125 ÷ 161	± 0,005



NEW

sylvac



0 - 30mm
0,001mm
IP67

S_Mike PRO Smart

S_Mike PRO Smart

IP67 millesimal digital micrometer with rapid feed, Bluetooth® and preset

Resolution 0.001 mm. IP67 protection. Electronics protected against dust and brief immersion in water. Automatic switch-on when the drum is moved. Position memory in standby mode. Drum travel (10 mm/revolution). Selectable measuring force 5 N / 10 N (BA012030BT version). Non-rotating stylus. Hard metal contacts. Stylus Ø 6.5 mm. SCS primary certificate included.

Code	€ GR1	Range mm	Accuracy mm
BA012030BT	585,00	0 ÷ 30	± 0,003
BA012066BT	800,00	30 ÷ 66	± 0,004
BA012102BT	1.015,00	66 ÷ 102	± 0,005

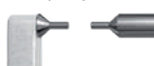
NEW



NEW




BA02125D2BT



BA02125BDBT



BA02125CRIMPBT



BA02125POINTBT



S_Mike PRO Smart

Digital micrometer IP67 special tips with fast feed, Bluetooth® and presets

Resolution 0.001 mm. Protection IP67. Electronics protected against dust and brief immersion in water. Automatic switch-on by moving the drum. Stand-by position memory. Drum stroke (10 mm/revolution). Selectable measuring force 5 N / 10 N (BA012030BT version). Non-rotating stem. Tungsten carbide contacts. Stem Ø 6.5 mm.

Code	€ GR1	Range mm	Accuracy mm
BA02125BDBT	1.215,00	0 ÷ 25	± 0,003
BA02125CRIMPBT	1.170,00	0 ÷ 25	± 0,003
BA02125D2BT	910,00	0 ÷ 25	± 0,003
BA02125POINTBT	1.195,00	0 ÷ 25	± 0,003

S_Mike PRO Disc-shaped

IP67 digital micrometer with Bluetooth® and presets

Resolution 0.001 mm. IP67 protection. Electronics protected against dust and brief immersion in water. Automatic power-on when the drum is moved. Position memory in standby mode. Drum travel (10 mm per revolution). Measuring force 5 N. Non-rotating stem. Hard metal contacts. SCS primary certificate included.

Code	€ GR1	Range mm
BA022102DISCBT	1.765,00	66 ÷ 102
BA02230DISCBT	1.165,00	0 ÷ 30
BA02266DISCBT	1.570,00	30 ÷ 66



Micrometer holder

Stand with cast iron oval base and interchangeable light alloy clamp.

Code	€ GR1	Dimensions mm	kg
BC060B	35,00	170 x 120 x 120 h	1



OUR CALIBRATION SERVICE



00275






IP65 millesimal digital micrometer

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Contacts hard metal. Painted arc. On/off button.

Code	€ GR1	Range mm	Accuracy mm
BA02525	125,00	0 ÷ 25	± 0,002
BA02550	150,00	25 ÷ 50	± 0,002
BA02575	205,00	50 ÷ 75	± 0,002
BA025100	250,00	75 ÷ 100	± 0,002
BA025125	265,00	100 ÷ 125	± 0,002
BA025150	280,00	125 ÷ 150	± 0,002
BA025175	300,00	150 ÷ 175	± 0,003
BA025200	320,00	175 ÷ 200	± 0,003
BA025225	340,00	200 ÷ 225	± 0,004
BA025250	370,00	225 ÷ 250	± 0,004
BA025275	395,00	250 ÷ 275	± 0,005
BA025300	420,00	275 ÷ 300	± 0,005

IP65 millesimal digital micrometre with rapid feed

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Fast feed (2 mm/revolution). Tungsten carbide contacts. Painted arc.

Code	€ GR1	Range mm	Accuracy mm
BA02025	165,00	0 ÷ 25	± 0,002
BA02050	210,00	25 ÷ 50	± 0,003
BA02075	240,00	50 ÷ 75	± 0,003
BA020100	270,00	75 ÷ 100	± 0,002



IP40 millesimal digital micrometer

Resolution 0.001 mm. IP40 protection. Contacts hard metal. Painted arc. On/off button.

Code	€ GR1	Range mm	Accuracy mm
BA02725	70,00	0 ÷ 25	± 0,003
BA02750	90,00	25 ÷ 50	± 0,003

Digital micrometer for IP65 pipes with spherical końcówka and presets

Resolution 0.001 mm. Protection IP65. Electronics protected against dust and water jets. Contacts hard metal. Painted arc.

Code	€ GR1	Range mm	Accuracy mm
BA06525	205,00	0 ÷ 25	± 0,002



IP65 millesimal digital micrometer with disc contacts and preset

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Painted arc. Non-rotating stem. Suitable for gear measurement.

Code	€ GR1	Range mm	Accuracy mm	Ø mm
BA05025	230,00	0 ÷ 25	± 0,004	20
BA05050	255,00	25 ÷ 50	± 0,004	20
BA05075	275,00	50 ÷ 75	± 0,005	20
BA050100	290,00	75 ÷ 100	± 0,005	20



Digital millesimal micrometer for IP65 quarries with preset

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Contacts with carbide blade. Painted arc. Non-rotating stem.

Code	€ GR1	Range mm	Accuracy mm
BA06025	230,00	0 ÷ 25	± 0,002
BA06050	265,00	25 ÷ 50	± 0,002
BA06075	285,00	50 ÷ 75	± 0,003
BA060100	300,00	75 ÷ 100	± 0,003



IP65 digital thousandth-of-a-millimetre micrometer for threads with preset

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Contacts tungsten carbide. Painted arc. Locking screw. Rotating stem. 60° anvils for measuring average diameters of external metric threads.

Code 1	€ GR1	Range mm	Accuracy mm	Ø mm	Included set anvils 60°
BA08025	275,00	0 ÷ 25	± 0,002	6,5	1-2-3-4-5
BA08050	280,00	25 ÷ 50	± 0,002	6,5	2-3-4-5-6
BA08075	300,00	50 ÷ 75	± 0,002	6,5	3-4-5-6
BA080100	315,00	75 ÷ 100	± 0,003	6,5	3-4-5-6
BA080125	350,00	100 ÷ 125	± 0,003	6,5	4-5-6
BA080150	375,00	125 ÷ 150	± 0,003	6,5	4-5-6



Millesimal micrometre with analogue indicator

Resolution 0.001 mm. Hard metal contacts. Painted arc. Non-rotating stem. Retractable anvil. Indicator for precision measurements in mass production checks.

Code	€ GR1	Range mm	Accuracy mm
BB04025	325,00	0 ÷ 25	± 0,003
BB04050	345,00	25 ÷ 50	± 0,003
BB04075	410,00	50 ÷ 75	± 0,004
BB040100	520,00	75 ÷ 100	± 0,004

NEW



Centesimal micrometer with counter

Resolution 0.01 mm. Tungsten carbide contacts. Painted arc. Mechanical counter for fast reading.

Code	€ GR1	Range mm	Accuracy mm
BB01025	65,00	0 ÷ 25	± 0,004
BB01050	75,00	25 ÷ 50	± 0,004
BB01075	85,00	50 ÷ 75	± 0,005
BB010100	90,00	75 ÷ 100	± 0,005



Centesimal micrometer with large drum

Resolution 0.01 mm. Drum stroke (1 mm/revolution). Tungsten carbide contacts. Painted arc. Drum friction.

Code	€ GR1	Range mm	Accuracy mm
BB03025	75,00	0 ÷ 25	± 0,004
BB03050	80,00	25 ÷ 50	± 0,004
BB03075	85,00	50 ÷ 75	± 0,005
BB030100	110,00	75 ÷ 100	± 0,005
BB030125	130,00	100 ÷ 125	± 0,006
BB030150	145,00	125 ÷ 150	± 0,006
BB030175	160,00	150 ÷ 175	± 0,007
BB030200	170,00	175 ÷ 200	± 0,007



External micrometer

Resolution 0.01 mm. Hard metal contacts. Painted arc with heat-insulating side plates. Matt chrome-plated graduated drum.

Code	€ GR1	Range mm	Accuracy mm
BB002025	40,00	0 ÷ 25	± 0,004
BB002050	60,00	25 ÷ 50	± 0,004
BB002075	80,00	50 ÷ 75	± 0,005
BB002100	90,00	75 ÷ 100	± 0,005
BB002125	100,00	100 ÷ 125	± 0,006
BB002150	110,00	125 ÷ 150	± 0,006
BB002175	150,00	150 ÷ 175	± 0,007
BB002200	180,00	175 ÷ 200	± 0,007



Centesimal micrometer

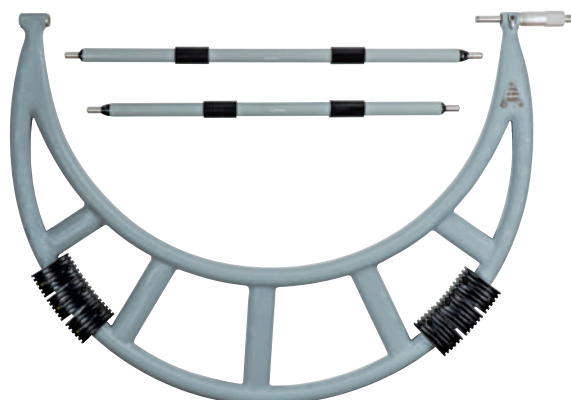
Resolution 0.01 mm. Contacts tungsten carbide. Painted arc.

Code	€ GR1	Range mm	Accuracy mm
BB01525	35,00	0 ÷ 25	± 0,004
BB01550	38,00	25 ÷ 50	± 0,004
BB01575	40,00	50 ÷ 75	± 0,005
BB015100	42,00	75 ÷ 100	± 0,005
BB015125	50,00	100 ÷ 125	± 0,006
BB015150	55,00	125 ÷ 150	± 0,006
BB015175	65,00	150 ÷ 175	± 0,007
BB015200	70,00	175 ÷ 200	± 0,007
BB015225	80,00	200 ÷ 225	± 0,008
BB015250	85,00	225 ÷ 250	± 0,008
BB015275	95,00	250 ÷ 275	± 0,009
BB015300	100,00	275 ÷ 300	± 0,009

Set of centesimal micrometres

Resolution 0.01 mm. Contacts tungsten carbide. Painted arc.

Code	€ GR1	Range mm	Composition
BB020100SET	120,00	Set 0 to 100	BB01525 - BB01550 - BB01575 - BB015100
BB020150SET	205,00	Set 0 ÷ 150	BB01525 - BB01550 - BB01575 - BB015100 BB015125 - BB01550
BB020300SET	585,00	Set 0 to 300	BB01525 - BB01550 - BB01575 - BB015100 BB015125 - BB015150 - BB015175 BB015200 - BB015225 - BB015250 BB015275 - BB015300

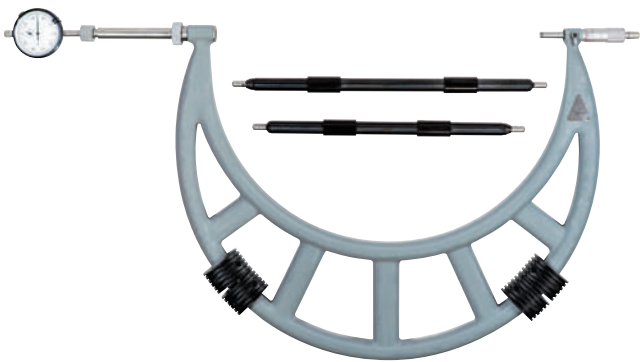


Centesimal micrometer

Resolution 0.01mm. Matt chrome-plated graduated drum, sensitive clutch, locking lever. Supplied with zeroing rods. Painted arch. Wooden packaging not contestable in case of breakage during transport.

Code	€ GR1	Range mm	Accuracy mm	Arch
BB006100	165,00	0 ÷ 100	± 0,007	Solid
BB006200	190,00	100 ÷ 200	± 0,008	Solid
BB006300	230,00	200 ÷ 300	± 0,009	Solid
BB006400	320,00	300 ÷ 400	± 0,011	Tubular
BB006500	355,00	400 ÷ 500	± 0,013	Tubular
BB006600	435,00	500 ÷ 600	± 0,015	Tubular
BB006700	480,00	600 ÷ 700	± 0,016	Tubular
BB006800	565,00	700 ÷ 800	± 0,018	Tubular

Code	€ GR1	Range mm	Accuracy mm	Arch
BB006900	675,00	800 ÷ 900	± 0,020	Tubular
BB0061000	750,00	900 ÷ 1000	± 0,020	Tubular
BB0061200	1.350,00	1000 ÷ 1200	± 0,020	Tubular
BB0061400	1.455,00	1200 ÷ 1400	± 0,024	Tubular
BB0061600	1.575,00	1400 ÷ 1600	± 0,028	Tubular
BB0061800	1.740,00	1600 ÷ 1800	± 0,031	Tubular
BB0062000	1.945,00	1800 ÷ 2000	± 0,034	Tubular

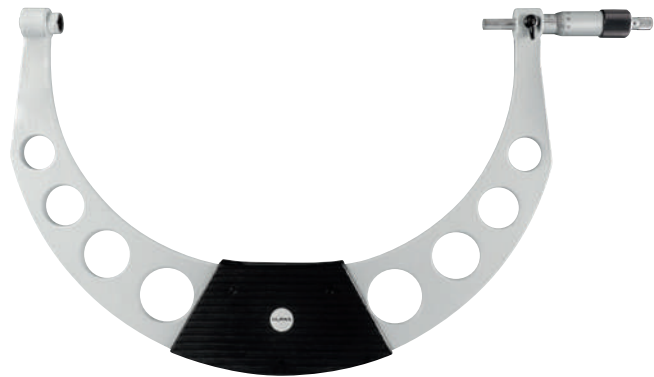


Centesimal micrometer with dial indicator

Resolution 0.01mm. Wide measuring range and high accuracy, suitable for series measurements. Centesimal dial indicator with 0-5mm measuring range, maximum force 10N. Painted arc. Wooden packaging, not disputable in case of breakage during transport.

Code	€ GR1	Range mm	Accuracy mm	Arch
BB007100	270,00	0 ÷ 100	± 0,006	Solid
BB007200	370,00	100 ÷ 200	± 0,007	Solid
BB007300	440,00	200 ÷ 300	± 0,008	Solid
BB007400	520,00	300 ÷ 400	± 0,009	Tubular
BB007500	575,00	400 ÷ 500	± 0,010	Tubular

Code	€ GR1	Range mm	Accuracy mm	Arch
BB007600	630,00	500 ÷ 600	± 0,011	Tubular
BB007700	735,00	600 ÷ 700	± 0,012	Tubular
BB007800	845,00	700 ÷ 800	± 0,013	Tubular
BB007900	950,00	800 ÷ 900	± 0,014	Tubular
BB0071000	1.110,00	900 ÷ 1000	± 0,015	Tubular



Centesimal micrometer

Resolution 0.01 mm. Tungsten carbide contacts. Painted arc with heat-insulating pads. Clutch on drum. Matt chrome-plated graduated drum.

Code	€ GR1	Range mm	Accuracy mm
BB004300	450,00	200 ÷ 300	± 0,009
BB004400	820,00	300 ÷ 400	± 0,011
BB004500	890,00	400 ÷ 500	± 0,013

IP65 millesimal digital micrometer with preset

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Contacts hard metal. Painted arc. On/off button.

Code	€ GR1	Range mm	Accuracy mm
BA030100	270,00	0 ÷ 100	± 0,003
BA030200	285,00	100 ÷ 200	± 0,004
BA030300A	295,00	200 ÷ 300	± 0,005
BA030300B	320,00	150 ÷ 300	± 0,005
BA030400	410,00	300 ÷ 400	± 0,011
BA030500	435,00	400 ÷ 500	± 0,013



IP65 digital micrometer head

Resolution 0.001 mm. Protection IP65. Electronics protected against dust and water jets. Contacts hard metal.

Code	€ GR1	Range mm	Accuracy mm
BA08725	180,00	0 ÷ 25	± 0,003
BA08750	285,00	0 ÷ 50	± 0,005



S_Head Smart

IP65 digital micrometer head with Bluetooth®.

Resolution 0.0001 mm. IP65 protection. Electronics protected against dust and water jets. Mounting shank Ø12 h6. Wider measuring range than standard micrometres: 30 mm. Screw pitch 2 mm. Selectable measuring force 5 N/10 N. SCS primary certificate included.

Code	€ GR1	Range mm
BA08830	880,00	0 ÷ 30



IP65 digital millesimal depth micrometer with preset

Resolution 0.001 mm. IP65 protection. Electronics protected against dust and water jets. Carbide spherical końcówka. Supplied with interchangeable rods.

Code	€ GR1	Range mm	Accuracy mm	Jaws mm
BA09025	205,00	0 ÷ 25	± 0,003	101,5
BA090100	225,00	0 ÷ 100	± 0,003	101,5
BA090200	270,00	0 ÷ 200	± 0,003	101,5



Analogue internal micrometer

Supplied with UKAS certificate of XTA measuring heads and calibration rings. Large measuring travel. Wide range 2-300 mm. Easily readable scale. * 2-6 mm measurement on 2 points.

Code	€ GR1	Range mm	Accuracy mm	Depth mm	Ring mm
BB3002,5	1.055,00	2 ÷ 2,5*	0,004	9	2,5
BB3003	1.055,00	2,5 ÷ 3*	0,004	9	2,5
BB3004	940,00	3 ÷ 4*	0,004	12	4
BB3005	940,00	4 ÷ 5*	0,004	18	4
BB3006	870,00	5 ÷ 6*	0,004	18	5
BB3008	430,00	6 ÷ 8	0,004	58	8
BB30010	420,00	8 ÷ 10	0,004	58	8
BB30012,5	430,00	10 ÷ 12,5	0,004	58	12,5
BB30016	450,00	12,5 ÷ 16	0,004	62	12,5
BB30020	460,00	16 ÷ 20	0,004	62	20
BB30025	460,00	20 ÷ 25	0,004	66	20
BB30035	630,00	25 ÷ 35	0,004	66	35

Code	€ GR1	Range mm	Accuracy mm	Depth mm	Ring mm
BB30050	645,00	35 ÷ 50	0,004	80	35
BB30065	720,00	50 ÷ 65	0,005	80	65
BB30080	775,00	65 ÷ 80	0,005	80	65
BB300100	975,00	80 ÷ 100	0,005	100	80
BB300125	980,00	100 ÷ 125	0,006	115	125
BB300150	1.135,00	125 ÷ 150	0,006	115	125
BB300175W	1.320,00	150 ÷ 175	0,007	115	-
BB300200W	1.545,00	175 ÷ 200	0,007	115	-
BB300225W	1.640,00	200 ÷ 225	0,008	118	-
BB300250W	1.700,00	225 ÷ 250	0,008	118	-
BB300275W	1.790,00	250 ÷ 275	0,009	118	-
BB300300W	1.890,00	275 ÷ 300	0,009	118	-



Extension for internal micrometers

Extensions of different lengths to fit XT, XTH and XTA to reach greater depths.

Code	€ GR1	A mm	To fit heads mm
BC07510	135,00	63	6 ÷ 10
BC07512,5	135,00	76	10 ÷ 12,5
BC07520	135,00	100	12,5 ÷ 20
BC07550	195,00	150	20 ÷ 50
BC075300	215,00	150	50 ÷ 300

Set of analogue internal micrometers

Code	€ GR1	Range mm	Measuring heads Pcs.	Setting rings Pcs.
BB3103SET	1.780,00	2 ÷ 3	2	1
BB3106SET	2.415,00	3 ÷ 6	3	2
BB31010SET	720,00	6 ÷ 10	2	1
BB31020SET	1.190,00	10 ÷ 20	3	2
BB31050SET	1.675,00	20 ÷ 50	3	2
BB310100SET	2.250,00	50 ÷ 100	3	2
BB310150SET	1.785,00	100 ÷ 150	2	1
BB310200SET	2.470,00	150 ÷ 200	2	1



Setting ring for internal micrometers

Resetting ring for digital and analogue indoor micrometers, XT, XTH and XTA series. Supplied with UKAS certificate.

Code	€ GR1	Setting rings mm
BC080125	380,00	125
BC080175	530,00	175
BC080225	815,00	225
BC080275	985,00	275

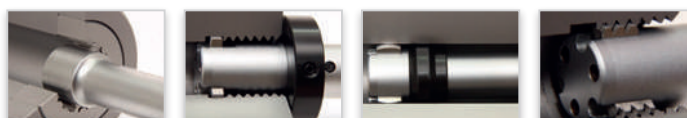


Bluetooth connection device required for connecting to PCs and laptops.



100€

BC076BLE



IP67 indoor digital micrometer with Bluetooth® and preset

Resolution 0.001 mm. IP67 protection. Electronics protected against dust and brief immersion in water. Supplied with UKAS certificate of measuring heads and calibration rings. Measuring heads for threads, grooves, deep bores and many other applications available on request.

Code	€ GR1	Range mm	Accuracy mm	Depth mm	Ring mm	Display BT
BA2113	1.805,00	2,5 ÷ 3*	0,004	9	2,5	BA2076
BA2114	1.805,00	3 ÷ 4*	0,004	12	4	BA2076
BA2115	1.785,00	4 ÷ 5*	0,004	18	4	BA2076
BA2116	1.785,00	5 ÷ 6*	0,004	18	5	BA2076
BA2118	1.190,00	6 ÷ 8	0,004	58	8	BA20710
BA21110	1.190,00	8 ÷ 10	0,004	58	8	BA20710
BA21112,5	1.190,00	10 ÷ 12,5	0,004	58	12,5	BA20720
BA21116	1.290,00	12,5 ÷ 16	0,004	62	12,5	BA20720
BA21120	1.290,00	16 ÷ 20	0,004	62	20	BA20720
BA21125	1.530,00	20 ÷ 25	0,004	66	20	BA20750
BA21135	1.695,00	25 ÷ 35	0,004	66	35	BA20750
BA21150	1.755,00	35 ÷ 50	0,004	80	35	BA20750

Code	€ GR1	Range mm	Accuracy mm	Depth mm	Ring mm	Display BT
BA21165	1.935,00	50 ÷ 65	0,005	80	65	BA207100
BA21180	1.935,00	65 ÷ 80	0,005	80	65	BA207100
BA211100	1.990,00	80 ÷ 100	0,005	100	80	BA207100
BA211125	2.205,00	100 ÷ 125	0,006	115	125	BA207200
BA211150	2.285,00	125 ÷ 150	0,006	115	125	BA207200
BA211175W	2.265,00	150 ÷ 175	0,007	115	-	BA207200
BA211200W	2.290,00	175 ÷ 200	0,007	115	-	BA207200
BA211225W	2.635,00	200 ÷ 225	0,008	118	-	BA207300
BA211250W	2.940,00	225 ÷ 250	0,008	118	-	BA207300
BA211275W	3.075,00	250 ÷ 275	0,009	118	-	BA207300
BA211300W	3.400,00	275 ÷ 300	0,009	118	-	BA207300



Extension for internal micrometers

Extensions of different lengths to fit XT, XTH and XTA to reach greater depths.

Code	€ GR1	A mm	To fit heads mm
BC07510	135,00	63	6 ÷ 10
BC07512,5	135,00	76	10 ÷ 12,5
BC07520	135,00	100	12,5 ÷ 20
BC07550	195,00	150	20 ÷ 50
BC075300	215,00	150	50 ÷ 300

Set of IP67-rated digital millesimal internal micrometers with Bluetooth® and preset function

Code	€ GR1	Range mm	Measuring heads Pcs.	Setting rings Pcs.
BA2126SET	3.790,00	2 ÷ 6	5	3
BA21210SET	1.590,00	6 ÷ 10	2	1
BA21220SET	1.965,00	10 ÷ 20	3	2
BA21250SET	2.685,00	20 ÷ 50	3	2
BA212100SET	2.980,00	50 ÷ 100	3	2
BA212150SET	2.470,00	100 ÷ 150	2	1
BA212200SET1	3.190,00	150 ÷ 200	2	1
BA212200SET2	4.970,00	100 ÷ 200	4	2



Setting ring for internal micrometers

Resetting ring for digital and analogue indoor micrometers, XT, XTH and XTA series. Supplied with UKAS certificate.

Code	€ GR1	Setting rings mm
BC080125	380,00	125
BC080175	530,00	175
BC080225	815,00	225
BC080275	985,00	275

Bluetooth connection device required for connecting to PCs and laptops.



100€

BC076BLE



IP67-rated, rapid-action, millesimal digital internal micrometer with Bluetooth® and preset function

Resolution 0.001 mm. IP67 protection. Electronics protected against dust and brief immersion in water. 4 Presets. Supplied with UKAS certificate of measuring heads and calibration rings. High repeatability pistol trigger. Ideal for series inspection. Carbide contacts. Measuring blind holes from Ø 12.5 mm. Measuring heads for threads, grooves, deep holes and many other applications available on request.

Code	€ GR1	Range mm	Accuracy mm	Depth mm	Ring mm	Display BT
BA2258	1.350,00	6 ÷ 8	0,004	58	8	BA23220
BA22510	1.370,00	8 ÷ 10	0,004	58	8	BA23220
BA22512,5	1.390,00	10 ÷ 12,5	0,004	58	12,5	BA23220
BA22516	1.410,00	12,5 ÷ 16	0,004	62	12,5	BA23220
BA22520	1.490,00	16 ÷ 20	0,004	62	20	BA23220
BA22525	1.590,00	20 ÷ 25	0,004	66	20	BA232100
BA22535	1.680,00	25 ÷ 35	0,004	66	35	BA232100
BA22550	1.725,00	35 ÷ 50	0,004	80	35	BA232100
BA22565	1.765,00	50 ÷ 65	0,005	80	65	BA232100
BA22580	1.765,00	65 ÷ 80	0,005	80	65	BA232100

Code	€ GR1	Range mm	Accuracy mm	Depth mm	Ring mm	Display BT
BA225100	1.930,00	80 ÷ 100	0,005	85	80	BA232100
BA225125	1.975,00	100 ÷ 125	0,006	100	125	BA232300
BA225150	2.065,00	125 ÷ 150	0,006	100	125	BA232300
BA225175	2.335,00	150 ÷ 175	0,007	100	175	BA232300
BA225200	2.440,00	175 ÷ 200	0,007	100	175	BA232300
BA225225W	2.655,00	200 ÷ 225	0,008	100	-	BA232300
BA225250W	2.890,00	225 ÷ 250	0,008	103	-	BA232300
BA225275W	3.110,00	250 ÷ 275	0,009	103	-	BA232300
BA225300W	3.465,00	275 ÷ 300	0,009	103	-	BA232300



Extension for internal micrometers

Extensions of different lengths to fit XT, XTH and XTA to reach greater depths.

Code	€ GR1	A mm	To fit heads mm
BC07510	135,00	63	6 ÷ 10
BC07512,5	135,00	76	10 ÷ 12,5
BC07520	135,00	100	12,5 ÷ 20
BC07550	195,00	150	20 ÷ 50
BC075300	215,00	150	50 ÷ 300

Set of IP67-rated, rapid-action, millesimal digital internal micrometers with Bluetooth® and preset function

Code	€ GR1	Range mm	Measuring heads Pcs.	Setting rings Pcs.
BA2423SET	4.540,00	2 ÷ 6	5	3
BA24210SET	1.590,00	6 ÷ 10	2	1
BA24220SET	1.985,00	10 ÷ 20	3	2
BA24250SET	2.580,00	20 ÷ 50	3	2
BA242100SET	2.885,00	50 ÷ 100	3	2
BA242150SET	2.585,00	100 ÷ 150	2	1
BA242200SET	3.430,00	150 ÷ 200	2	1
BA24220SETL	2.380,00	6 ÷ 20	5	3
BA242100SETL	4.240,00	20 ÷ 100	6	2
BA242200SETL	5.700,00	100 ÷ 200	4	2



Setting ring for internal micrometers

Resetting ring for digital and analogue indoor micrometers, XT, XTH and XTA series. Supplied with UKAS certificate.

Code	€ GR1	Setting rings mm
BC080125	380,00	125
BC080175	530,00	175
BC080225	815,00	225
BC080275	985,00	275



Set of three-point internal micrometers

Supplied with zeroing rings and extensions (100mm -150mm).

Code	€ GR1	Range mm	Extension mm	Dimensions mm	Ring Ø mm
BB27212SET	670,00	6 ÷ 12	100	6-8/8-10/10-12	6/8/10
BB27220SET	430,00	12 ÷ 20	150	12-16/16-20	16
BB27240SET	785,00	20 ÷ 40	150	20-25/25-30/30-40	25/40
BB272100SET	1.525,00	40 ÷ 100	150	40-50/50-63/62-75/75-88/87-100	40/62/87



Three-point internal micrometer

Graduated drum with sensitive clutch. Supplied with ring and extension. Range of measurement 6–12 mm: 0.001; above 0.005 mm.

Code	€ GR1	Range mm	Accuracy mm	Ring mm	Extension mm
BB2708	260,00	6 ÷ 8	± 0,004	6	100
BB27010	260,00	8 ÷ 10	± 0,004	8	100
BB27012	260,00	10 ÷ 12	± 0,004	10	100
BB27016	235,00	12 ÷ 16	± 0,004	16	150
BB27020	235,00	16 ÷ 20	± 0,004	16	150
BB27025	300,00	20 ÷ 25	± 0,004	25	150
BB27030	300,00	25 ÷ 30	± 0,004	25	150
BB27040	350,00	30 ÷ 40	± 0,004	40	150
BB27050	350,00	40 ÷ 50	± 0,005	40	150
BB27063	365,00	50 ÷ 63	± 0,005	62	150
BB27075	390,00	62 ÷ 75	± 0,005	62	150
BB27088	425,00	75 ÷ 88	± 0,005	87	150
BB270100	445,00	87 ÷ 100	± 0,005	87	150



Three-point internal micrometer

Resolution 0.005 mm. Graduated drum with sensitive friction. Supplied without ring and extension.

Code	€ GR1	Range mm	Accuracy mm
BB271125	485,00	100 ÷ 125	± 0,005
BB271150	485,00	125 ÷ 150	± 0,005
BB271175	495,00	150 ÷ 175	± 0,005
BB271200	495,00	175 ÷ 200	± 0,005
BB271225	675,00	200 ÷ 225	± 0,010
BB271250	675,00	225 ÷ 250	± 0,010
BB271275	685,00	250 ÷ 275	± 0,010
BB271300	685,00	275 ÷ 300	± 0,010

Centesimal micrometer for indoor use with modular extensions

Centesimal micrometer for indoor use with modular extensions.

Code	€ GR1	Range mm	Composition mm
BB25063	100,00	50 ÷ 63	Micrometer head only
BB250150	120,00	50 ÷ 150	13 - 25 - 50
BB250300	145,00	50 ÷ 300	13 - 25 - 50 (2 pcs.) - 100
BB250600	205,00	50 ÷ 600	13 - 25 - 50 - 100 - 150 - 200
BB2501000	490,00	50 ÷ 1000	13 - 25 - 50 - 100 (2 pcs.) 150 - 200 - 300
BB2501500	860,00	50 ÷ 1500	13 - 25 - 50 - 100 (2 pcs.) 150 - 200 (2 pcs.) 300 (2 pcs.)
BB2502000	1.100,00	150 ÷ 2000	25 - 50 (2 pcs.) 100 - 200 (2 pcs.) 400 (3 pcs.)
BB2503000	1.990,00	1000 ÷ 3000	50 - 100 (2 pcs.) 200 - 500 - 1000



MEGArod

IP67 digital thousandth-of-a-millimetre dial indicator with Ø 59.5 preset

Resolution 0.001. Protection IP67. Swiss electronics protected against dust and brief immersion in water. Connection Ø 8 h 6 mm. Interchangeable measuring pin M2.5 (DIN878). Proximity data output. USB or RS connection.

Code	€ GR1	Range mm	Resolution mm
CA01012,5	655,00	0 ÷ 12,5	0,001
CA01025	715,00	0 ÷ 25	0,001
CA01050	1.240,00	0 ÷ 50	0,001
ACC01000	147,00	Proximity cable RS232	
ACC01001	155,00	Proximity cable USB	



MEGArod

Digital dial indicator IP54 with preset Ø 59.5

IP54 protection. Swiss electronics protected against dust and splash water. Ø 8 h 6 mm connection. Interchangeable tip M2.5 (DIN878). Proximity data output. USB or RS connection.

Code	€ GR1	Range mm	Resolution mm
CA01512,5C	455,00	0 ÷ 12,5	0,01
CA01512,5M	575,00	0 ÷ 12,5	0,001
CA01525C	515,00	0 ÷ 25	0,01
CA01525M	630,00	0 ÷ 25	0,001
CA01550C	790,00	0 ÷ 50	0,01
CA01550M	840,00	0 ÷ 50	0,001
ACC01000	147,00	Proximity cable RS232	
ACC01001	155,00	Proximity cable USB	



MEGArod

Digital dial indicator IP54 Ø 59.5

IP54 protection. Swiss-made electronics protected against dust and water splashes. Ø 8 h 6 mm connection. Interchangeable M2.5 probe (DIN 878). Proximity data output. USB or RS connection.

Code	€ GR1	Range mm	Resolution mm
CA01812,5C	385,00	0 ÷ 12,5	0,01
CA01812,5M	435,00	0 ÷ 12,5	0,001
CA01825C	415,00	0 ÷ 25	0,01
CA01825M	475,00	0 ÷ 25	0,001
CA01850C	710,00	0 ÷ 50	0,01
CA01850M	795,00	0 ÷ 50	0,001
ACC01000	147,00	Proximity cable RS232	
ACC01001	155,00	Proximity cable USB	



S_Dial WORK CBG



S_Dial TEST Smart



S_Dial WORK Smart

Digital dial indicator for IP54 bore gauges with Bluetooth® and preset Ø 59.5

Resolution 0.001 mm. IP54 protection. Electronics protected against dust and water splashes. Additional Power and Proximity data outputs. Measurement functions specific to bore gauges. Smart measurement of internal diameters with reversal point detection. Data transmission and reset in a single step. Automatic power-on and standby-by. Absolute system. Ø8 mm cylindrical shank. SCS primary certificate included.

Code	€ GR1	Range mm	Resolution mm
CA03012,5BT	740,00	12,5	0,001

IP54 digital millesimal dial indicator with Bluetooth® and preset Ø 42.7

Resolution 0.001 mm. IP54 protection. Electronics protected against dust and water splashes. Analogue scale with programmable resolution. Third programmable button. Compact display. SCS primary certificate included.

Code	€ GR1	Range mm	Resolution mm
CA02608125BT	535,00	0,8	0,001
CA0262365BT	610,00	2,0	0,001
CA026082BT	665,00	0,8 / 2,0	0,001

IP54 digital dial indicator with Bluetooth® and presets Ø 59,5

IP54 protection. Electronics protected against dust and water splashes. Ø 8 h 6 mm connection. Interchangeable M2.5 probe (DIN878). Proximity data output. USB or RS connection. SCS primary certificate included.

Code	€ GR1	Range mm	Resolution mm
CA01712,5BT	735,00	0 ÷ 12,5	0,001
CA01725BT	790,00	0 ÷ 25	0,001
CA01750BT	990,00	0 ÷ 50	0,001
CA017100BT	1.565,00	0 ÷ 100	0,001

ALPA



CA024

IP54



CA025

IP67



Dial Mini

Digital dial indicator IP54 Ø 45

IP54 protection rating with electronics protected against dust and water splashes, fixed dial, Ø 8 h6 mm connection, and a shank and stem made of hardened stainless steel.

Digital dial indicator IP67 Ø 45

IP67 protection with electronics protected against dust and water splashes, fixed dial, Ø 8 h6 mm mounting, and a shank and stem made of hardened stainless steel.

Code 1	€ GR1	Range mm	Resolution mm	Version
CA02412,5C	350,00	12,5	0,01	Standard
CA02412,5M	490,00	12,5	0,001	Standard
CA02512,5C	390,00	12,5	0,01	Protected
CA02512,5M	510,00	12,5	0,001	Protected

NEW

sylvac



TP

ST

AU

S_Dial Mini Smart

Digital dial indicator with Bluetooth® and Ø 45 preset

0.01 mm resolution, IP67 protection, data transmission via Bluetooth®, fixed dial, analogue scale with programmable resolution and large display. Hardened stainless steel shank and stem, carbide contacts with M2.5 thread and programmable third button. SCS primary certificate (CA023) included.

Code	€ GR1	Range mm	Resolution mm	Version
CA022STBT	445,00	12,5	0,01	Standard
CA022TPBT	450,00	12,5	0,01	Flat head
CA022AUBT	460,00	12,5	0,01	Protected
CA023STBT	590,00	12,5	0,001	Standard
CA023TPBT	590,00	12,5	0,001	Flat head
CA023AUBT	595,00	12,5	0,001	Protected



S Functions

IP40 digital dial indicator with large Ø 56.5 display

Protection IP40. Cylindrical connection Ø 8 mm.

Code	€ GR1	Range mm	Resolution mm
CA02012,5C	99,00	0 ÷ 12,5	0,01
CA02012,5M	115,00	0 ÷ 12,5	0,001
CA02025C	150,00	0 ÷ 25	0,01
CA02050C	220,00	0 ÷ 50	0,01



Centesimal dial indicator, Ø 40 mm

Accuracy according to UNI 4180. Resolution 0.01. Cylindrical shank Ø 8 mm. Metal case and ferrule. Steel ferrule.

Code	€ GR1	Range mm	Resolution mm
CB01305	29,00	0 ÷ 5	0,01



Centesimal dial indicator Ø 60 mm

Accuracy according to UNI 4180. Resolution 0.01. Cylindrical shank Ø 8 mm. Metal case and ferrule. Steel ferrule.

Code	€ GR1	Range mm	Resolution mm
CB01410	26,00	0 ÷ 10	0,01
CB01425	38,00	0 ÷ 25	0,01
CB01430	59,00	0 ÷ 30	0,01



Centesimal dial indicator Ø 80 mm

Accuracy according to UNI 4180. Resolution 0.01. Cylindrical shank Ø 8 mm. Metal case and ferrule. Steel ferrule.

Code	€ GR1	Range mm	Resolution mm
CB02150	85,00	0 ÷ 50	0,01



Centesimal dial indicator, Ø 58 mm

Accuracy according to UNI 4180. Resolution 0.01. Cylindrical shank Ø 8 mm. Metal case and bezel. Shock-proof movement only for CB00510.

Code	€ GR1	Range mm	Resolution mm
CB00510	40,00	0 ÷ 10	0,01
CB00525	80,00	0 ÷ 25	0,01
CB00530	85,00	0 ÷ 30	0,01



Centesimal dial indicator Ø 40 mm

Accuracy according to UNI 4180. Resolution 0.01. Cylindrical shank Ø 8 mm. Stainless steel shaft and shank.

Code	€ GR1	Range mm	Resolution mm
CB00605	59,00	0 ÷ 5	0,01

NEW



Shock-proof centesimal dial indicator Ø 60 mm

Metal case and bezel. Tolerance indicators.

Code	€ GR1	Range mm	Resolution mm
CB01210ST	35,00	0 ÷ 10	0,01

TECLOCK®

**Centesimal dial indicator**

Accuracy in accordance with UNI 4180.
Resolution 0.01. Cylindrical shank Ø 8 mm.
Shock-resistant movement

ST = Standard
WP = Waterproof
STF = Flat base

Code	€ GR1	Range mm	Resolution mm	Ø mm
CB01010STF	45,00	0 ÷ 10	0,01	55
CB01010ST	45,00	0 ÷ 10	0,01	56
CB01010WP	120,00	0 ÷ 10	0,01	58

Centesimal dial indicator, Ø 88 mm, long stroke

Accuracy in accordance with UNI 4180.
Resolution 0.01. Cylindrical shank Ø 8 mm. Rod
and stem made of stainless steel. Movement
mounted on jewels.

Code	€ GR1	Range mm	Resolution mm
CB00750	185,00	0 ÷ 50	0,01

NEW**Millesimal dial indicator Ø 58 mm**

Accuracy according to UNI 4180. Resolution
0.001. Cylindrical shank Ø 8 mm. Stroke 5 mm.
Stainless steel shank. Tungsten carbide tip.

Code	€ GR1	Range mm	Resolution mm
CB0560	115,00	0 ÷ 5	0,001

Millesimal dial indicator Ø 58 mm

Accuracy according to UNI 4180. Resolution
0.001. Cylindrical shank Ø 8 mm. Stainless
steel shank. Tungsten carbide tip.

Code	€ GR1	Range mm	Resolution mm
CB0261	95,00	0 ÷ 1	0,001



OUR CALIBRATION SERVICE



00275

**UTENSIL
LINE**



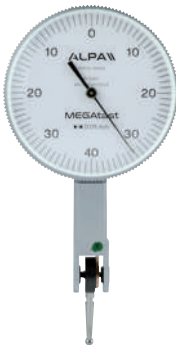

CB050270,8



CB050270,5



CB050270,2



CB050370,8



CB050370,5



CB050370,2

MEGA**tast**

Lever dial indicator

Complies with DIN 2270A. 8 mm diameter dovetail mount. Chrome-plated monobloc housing. Shock-resistant movement mounted on jewels. Automatic reversal of the measuring direction. Rotating zero-setting dial. Interchangeable probe. Hard metal ball. Adjustable through 270°. Mounted on micro ball bearings. M1.4 thread. Interchangeable tips CB051

Code	€ GR1	Range mm	Resolution mm	Probe mm	Ø
CB050270,8	170,00	0 ÷ 0,8	0,01	12	27,4
CB050270,2	185,00	0 ÷ 0,2	0,002	12	27,4
CB050270,5	210,00	0 ÷ 0,5	0,01	36	27,4
CB050370,8	185,00	0 ÷ 0,8	0,01	12	37
CB050370,2	200,00	0 ÷ 0,2	0,002	12	37
CB050370,5	230,00	0 ÷ 0,5	0,01	36	37

CB0520200229
CB0520200238



CB052080129
CB052080129L
CB052080138
CB052080138L



Lever dial indicator

Automatic inversion. Revolving zeroing dial. Dovetail and cylindrical connection $\varnothing 8$ mm. Thread M1.6. Interchangeable CB053 tips.

Code	€ GR1	Range mm	Resolution mm	Probe mm	$\varnothing$
CB052080129	75,00	0 $\div$ 0,8	0,01	16,5	29
CB052080129L	95,00	0 $\div$ 0,8	0,01	30,5	29
CB052080138	85,00	0 $\div$ 0,8	0,01	16,5	38
CB052080138L	105,00	0 $\div$ 0,8	0,01	30,5	38
CB0520200229	105,00	0 $\div$ 0,2	0,002	16	29
CB0520200238	120,00	0 $\div$ 0,2	0,002	16	38



Dial indicator accessories

Accessories for clamping different types of dial gauges.

Code	€ GR1	Fig.	Description
CC070D	30,00	4	Centring support for perpendicular models, with cylindrical body $\varnothing 8 \times 25$ mm. Clamping point for clamping rod and attachment dovetail $\varnothing 4$ mm.
CC070F	85,00	6	Jointed rod for workpiece centring $\varnothing 8 \times 40$ mm
CC070A	20,00	1	Mounting rod, dovetail connection $\varnothing 4$ mm
CC070B	20,00	2	Mounting rod, dovetail connection $\varnothing 8$ mm
CC070C	90,00	3	Long articulated stand, cylindrical body dovetail connection $\varnothing 8 \times 90$ mm
CC070E	95,00	5	Long articulated stand with cylindrical body dovetail connection and fine adjustment $\varnothing 8 \times 125$ mm



Magnetic dial indicator holder with central locking mechanism

Magnetic base. Fully articulated rods. Ø 8 mm connection. Centralised locking. Micrometric adjustment. Ground flat and V-shaped support surfaces.

Code	€ GR1	Arm lenght mm	Holding power kg	Description
CD016ME	200,00	345	100	Mechanic
CD016MEL	280,00	426	100	Mechanic

Swivel-mounted key-operated dial indicator holder

Magnetic base M8. Fully jointed rods Ø 14 mm. Shank Ø 8 mm. Central locking. Micrometric adjustment.

Code	€ GR1	Locking	Holding power kg	Arm lenght mm
CD021M80	105,00	Complete	80	340



Magnetic dial indicator holder with centralised hydraulic clamping

Magnetic base. Fully articulated rods. Ø 8 mm connection. Centralised hydraulic clamping. Micrometric adjustment. Ground flat and V-shaped support surfaces.

Code	€ GR1	Arm lenght mm	Holding power kg	Description
CD018ID	190,00	336	100	Hydraulic
CD018IDL	260,00	434	100	Hydraulic



Fixed-base dial indicator holder

Base with permanent magnet. Fully articulated rods.

Code	€ GR1	Locking	Holding power kg	Arm length mm
CD029M30	90,00	Mechanic	30	150



Key-operated dial indicator socket

Supplied with micrometric dial indicator adjustment screw. Suitable for heavy dial indicators. 8 mm dia. connection. Micrometric adjustment.

Code	€ GR1	Locking	Holding power kg	Arm length mm
CD022M490	145,00	Mechanic	100	490
CD022M1000	220,00	Mechanic	100	1000 rods (500 x 500)



CD010160



CD010180



CD010194

KANETEC

Magnetic dial indicator holder

Prismatic base. Pure cobalt magnet. Chrome-plated rods. Ø 8 mm fitting.

Code	€ GR1	Arm length mm	Holding power kg	Fine adjustment
CD010160	65,00	160	80	-
CD010180	79,00	180	80	✓
CD010194	139,00	194	80	-



Articulated dial indicator stand with granite top

Flatness and accuracy to DIN 876/00. Dovetail and Ø 8 mm. Fully articulated column. Centralised clamping. Micrometric adjustment.

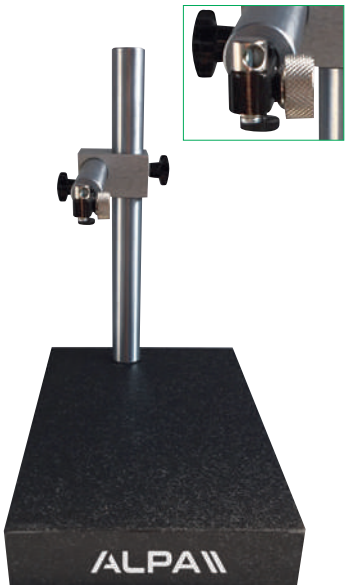
Code	€ GR1	Locking	Base mm	Arm lenght mm
CD024ME	335,00	Mechanic	300 x 200	340



CD040B
without micrometric adjustment



CD040C
threaded column with micrometric adjustment



CD040D
with micrometric adjustment

Dial indicator stand with granite top

Flatness and accuracy to DIN 876/00. Shank Ø 8 mm. Hardened and ground steel column. Finely lapped top. Supplied without dial indicator.

Code	€ GR1	Column x Ø mm	Base mm	Arm lenght mm
CD040B	210,00	200 x 25	250 x 160	75
CD040C	395,00	300 x 30	300 x 200	180
CD040D	325,00	300 x 30	300 x 200	180



Column-type dial indicator

Hardened and ground steel. Verification table with fixed table. Horizontal arm 75 mm.

Code	€ GR1	Column x Ø mm	Base mm
CD02770	155,00	25	230 x ø 78



Column dial indicator holder

Hardened and ground steel. Knurled verification table with fixed table. Smooth column Ø 30 mm.

Code	€ GR1	Column Ø mm	Base mm
CD028125	240,00	30	125 x 125



Cleaner for lapped surfaces

Special cleaning liquid for lapped surfaces.

Code	€ GR1	L
HA1550,5L	30,00	0,5
HA1555L	85,00	5



Granite polishing oil

Product designed and formulated to protect, revitalise, preserve and polish diabase granite countertops.

Code	€ GR1	Packaging	Quantity ml
HA1600,5L	20,00	Can	500
HA1605L	85,00	Can	5000



Made in Italy

Bore gauges

Tungsten carbide moving rod. Dial gauge attachment Ø 8 mm. Highly robust and reliable. For heavy-duty use in the workshop and testing.

HARDENED STEEL CONTACTS

Code	€ GR1	Range mm	Accuracy µm	Contacts	Max depth mm
DA01035A	290,00	15 ÷ 35	± 3	Steel	175
DA010100A	285,00	30 ÷ 100	± 3	Steel	250
DA010160A	320,00	50 ÷ 160	± 3	Steel	250
DA010210A	370,00	50 ÷ 210	± 3	Steel	380
DA010300A	525,00	100 ÷ 300	± 3	Steel	350
DA010500AS	585,00	100 ÷ 500	± 3	Steel	350
DA010500A	780,00	100 ÷ 500	± 3	Steel	650

CARBIDE CONTACTS

Code	€ GR1	Range mm	Accuracy µm	Contacts	Max depth mm
DA01035W	315,00	15 ÷ 35	± 3	Hard metal	175
DA010100W	360,00	30 ÷ 100	± 3	Hard metal	250
DA010160W	380,00	50 ÷ 160	± 3	Hard metal	250
DA010210W	395,00	50 ÷ 210	± 3	Hard metal	380
DA010300W	595,00	100 ÷ 300	± 3	Hard metal	350
DA010500WS	765,00	100 ÷ 500	± 3	Hard metal	350
DA010500W	860,00	100 ÷ 500	± 3	Hard metal	650

EXTENSION FOR BORE GAUGES 30-100MM; 50-160MM; 50-210MM

Code	€ GR1	Length mm	Section diameter mm
DA021500	295,00	500	13
DA0211000	430,00	1000	13

EXTENSION FOR BORE GAUGES 100-300MM; 100-500MM; 190-1000MM

Code	€ GR1	Length mm	Section diameter mm
DA022500	325,00	500	15
DA0221000	450,00	1000	15



Made in Italy

Reamer for large diameters

Tungsten carbide moving and fixed probe. Dial gauge connection Ø 8 mm. Rod with double insulating handle. Large measuring range with few elements. Suitable for measuring large diameters.

HARDENED STEEL CONTACTS

Code	€ GR1	Range mm	Accuracy µm	Contacts	Maximum depth mm
DA018800A	1.320,00	190 ÷ 1000	± 3	Steel	800

CARBIDE CONTACTS

Code	€ GR1	Range mm	Accuracy µm	Contacts	Maximum depth mm
DA018800W	1.545,00	190 ÷ 1000	± 3	Hard metal	800



Set of bore gauges

Un unico set per coprire un campo di misura da 15 a 210mm con la consueta affidabilità e una maggior economia di costi. Contiene: 1 alesametro da 15-35 mm, 1 alesametro da 30-100 mm, 1 alesametro da 50-210 mm, 1 prolunga, 1 comparatore a quadrante analogico lettura 0,01 mm serie "AA" e "WA", oppure digitale con uscita dati serie "AD" e "WD".

HARDENED STEEL CONTACTS

Code	€ GR1	Range mm	Readout mm
DA025SETAA	940,00	15 ÷ 210	0.01 mm - Analogue
DA025SETAD	990,00	15 ÷ 210	0.001 mm - Digital

CARBIDE CONTACTS

Code	€ GR1	Range mm	Readout mm
DA025SETWA	1.045,00	15 ÷ 210	0.01 mm - Analogue
DA025SETWD	1.150,00	15 ÷ 210	0.001 mm - Digital



Set of bore gauges

Contains: 1 x 30/100 mm bore gauge, 1 x 100/300 mm bore gauge, 1 analogue dial indicator reading 0.01 mm, 2 x 100 mm extensions (30-500).

HARDENED STEEL CONTACTS

Code	€ GR1	Range mm
DA027SET300A	815,00	30 - 300
DA027SET500A	875,00	30 - 500

CARBIDE CONTACTS

Code	€ GR1	Range mm
DA027SET300W	965,00	30 - 300
DA027SET500W	1.050,00	30 - 500



Reamer for small bores

Interchangeable heads. 2 opposing moving ball system. Stainless steel body. Supplied with dial gauge Ø 40 mm with 0.01 mm reading. Suitable for workshop and test measurements.

HARDENED STEEL CONTACTS

Code	€ GR1	Range mm	Max. depth mm	Readout mm
DA0150510A	590,00	5 ÷ 10	90	0,01
DA0151020A	840,00	10 ÷ 20	100	0,01

CARBIDE CONTACTS

Code	€ GR1	Range mm	Max. depth mm	Readout mm
DA0150510W	820,00	5 ÷ 10	90	0,01
DA0151020W	890,00	10 ÷ 20	100	0,01



OUR CALIBRATION SERVICE



00275





Bore gauges for blind holes

Tungsten carbide moving probe. Interchangeable probe tips with hardened steel ball. Dial gauge connection Ø 8 mm. Light alloy rod with low expansion. Handle made of insulating material. Special head allows testing of holes at a distance of 2.5 mm from the bottom. Maximum precision and reliability for testing with millesimal tolerance (Japanese class A). Maximum precision and repeatability. Traditional system with moving probe and slide transmission. Dial gauge not supplied.

Code	€ GR1	Range mm	Maximum depth mm	No. of keys
DA0451835	350,00	15 ÷ 35	150	9
DA0453560	370,00	35 ÷ 60	150	6
DA04550150	390,00	50 ÷ 150	150	11

Bore gauges for a thousandth-of-a-millimetre dial indicator

Tungsten carbide moving rod. Interchangeable rod with hardened steel ball. Dial gauge connection Ø 8 mm. Light alloy rod with low expansion. Handle made of insulating material. Highest precision and repeatability for testing with millesimal tolerances (Japanese class A). Conventional system with moving rod and rod drive. Dial gauge not supplied.

Code	€ GR1	Range mm	Maximum depth mm	No. of keys
DA0421835	260,00	18 ÷ 35	103	9
DA0423560	280,00	35 ÷ 60	150	6
DA04250150	350,00	50 ÷ 150	150	11
DA042100160	560,00	100 ÷ 160	150	13
DA042160250	690,00	160 ÷ 250	250	6
DA042250400	850,00	250 ÷ 400	250	5



FA181BA



FA181RD

Block compactor

Hardened stainless steel block holder compactor. Suitable for zero-setting different types of measuring instruments. Horizontal or vertical use with support base.

Code	€ GR1	Internal mm
FA180300	790,00	150
FA180400	890,00	250
FA180600	1.090,00	450
FA180900	1.590,00	750

Compactor accessories

Accessories for code FA180: Base (FA181BA). Required for vertical use of the compactor, and bore gauge adapter (FA181RD).

Code	€ GR1	Description	kg
FA181BA	580,00	Optional base	1,80
FA181RD	595,00	Support for bore gauges	0,15



HS4

LA008



LA415TASU301
Adapter kit for bore gauges



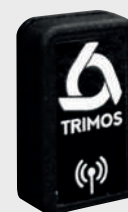
LA415TEL11
Pair of prismatic supports

Manual zeroing bench

Resolution 0.0001 mm. Repeatability 0.5 μ m. Maximum permissible error 0.7 + L(mm)/1000 μ m. FIXED measuring force: 15 N unidirectional. Dual origin for internal/external zeroing. USB and RS232 data transmission interface (Bluetooth optional). Operating temperature 10 to 40 °C. Ideal for zeroing all bench-top instruments directly in the workshop. Rigid alloy frame with steel guides and scales. Wide range of interchangeable accessories, ensuring zeroing of all instruments for various variables. New carriage mechanism to enhance precision and repeatability. Manual operation with locking lever and micrometric adjustment. Large interchangeable carbide measuring surfaces, with a contact preset function. Easy-to-use, intuitive E1 display with high-contrast characters, designed to withstand the production environment. Models available with a range of up to 3000 mm.

Code 3	€	Range
	GR3	mm
LA008HS4500K	17920,00	500
LA008HS41000K	On request	1000

Code 3	€	Description
	GR1	
GA054BT	600,00	Data transmission kit



LA415TASU301
Adapter kit for bore gauges



LA415TEL11
Pair of prismatic supports



HS3

LA035

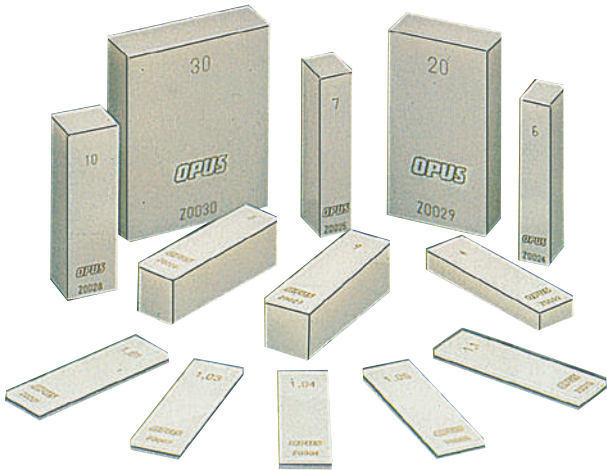
Motorised zeroing bench

Resolution 0.0001 mm. Repeatability 0.5 μ m. Maximum permissible error 0.7 + L(mm)/1000 μ m. Dual origin for internal/external zeroing. USB and RS232 data transmission interface (Bluetooth optional). Operating temperature 10 to 40 °C. Ideal for zeroing all bench-top instruments directly on the shop floor. Stable cast-iron support structure suitable for non-air-conditioned production departments. Wide range of interchangeable accessories ensures maximum compatibility with all bore gauges on the market. Quick motorised movement with basic and advanced functions depending on operating requirements. Large interchangeable carbide measuring surfaces with touch-zero function. Easy and intuitive E1 display with high-contrast characters and resistant to the production environment. Instant switch-on and homing without having to remove accessories.

Code 3	€	internal range	External range
	GR3	mm	mm
LA035HS3400K	12.900,00	1 ÷ 410	50 ÷ 460
LA035HS1100K	On request	1 ÷ 1110	50 ÷ 1160

Code 3	€	Description
	GR1	
GA054BT	600,00	Data transmission kit





Ceramic parallel-faced gauge block

Excellent abrasion resistance, with up to 10 times less wear than hardened steel. Excellent corrosion resistance. Low thermal conductivity. Very high dimensional stability. Hand-lapped measuring surfaces. Each block is identified by a serial number. Dimensional tolerances in accordance with DIN 861, ISO 3650 and BS 4311. Thanks to a unique molecular transformation process, ceramic zircon offers a mechanical resistance that preserves its integrity in the event of an accidental drop. Available in a fine wood box or as a single piece, always accompanied by a UKAS Class C calibration certificate on 5 points.

Code	€ GR1	Grade	Pcs per size	Dimensions mm	Progression mm
FA100470	3.510,00	0	1	1,005	-
			9	1,01 ~ 1,09	0,01
			9	1,1 ~ 1,9	0,1
			24	1 ~ 24	1
			4	25 ~ 100	25
FA100471	3.035,00	1	1	1,005	-
			9	1,01 ~ 1,09	0,01
			9	1,1 ~ 1,9	0,1
			24	1 ~ 24	1
			4	25 ~ 100	25



Set of large gauge blocks

Accuracy class ISO 3650/0. All blocks have two mating holes at the ends for clamping with a clamp. Hardness: 63 HRC. Cross-section: 35 x 9 mm. Supplied in wooden box with manufacturer's test certificate.

Code	€ GR1	Pieces	Dimensions mm	Grade
FA0508	1.215,00	8	125 - 150 - 175 - 200 - 250 - 300 - 400 - 500	1

BLOCKS OVER 100 mm LONG -
ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Set of 8 blocks from 125 to 600 mm	800,00



Set of gauge blocks

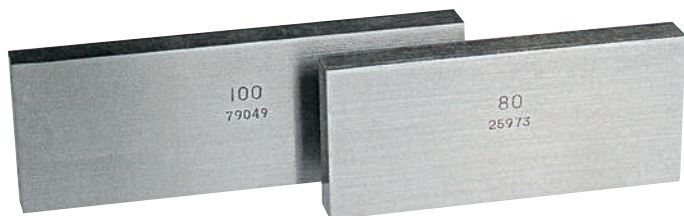
Conforms to ISO 3650 DIN 861.

Code	€ GR1	Classes	Pieces	Set pcs.	Dimensions mm	Progression mm
FA0101030	990,00	0	103	1	1,005	-
FA0101031	655,00	1		49	1,01 ~ 1,49	0,01
FA0101032	375,00	2		4	25 ~ 100	25
FA010870	775,00	0	87	9	1,001~1,009	0,001
FA010871	525,00	1		49	1,01 ~ 1,49	0,01
FA010872	300,00	2		19	0,5 ~ 9,5	0,5
				10	10 ~ 100	10

Code 1	€	Grade	Pices	ACCREDIA
FA0101030-A	1735,00	0	103	5-point check (including certified price)
FA0101031-A	1400,00	1		
FA010870-A	1420,00	0	87	
FA010871-A	1175,00	1		

Code	€ GR1	Classes	Pieces	Set pcs.	Dimensions mm	Progression mm
FA010470	590,00	0	47	1	1,005	-
FA010471	350,00	1		9	1,01 ~ 1,09	0,01
FA010472	215,00	2		9	1,1 ~ 1,9	0,1
				24	1 ~ 24	1
				4	25 ~ 100	25
FA010320	435,00	0	32	1	1,005	-
FA010321	260,00	1		9	1,01 ~ 1,09	0,01
FA010322	175,00	2		9	1,1 ~ 1,9	0,1
				9	1 ~ 9	1
				3	10 ~ 30	10
				1	60	-

Code 1	€	Grade	Pices	ACCREDIA
FA010470-A	950,00	0	47	5-point check (including certified price)
FA010471-A	715,00	1		
FA010320-A	685,00	0	32	
FA010321-A	510,00	1		



BLOCKS OVER 100 mm LONG - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Single block from 100 to 300 mm	125,00
Single block from 300 to 600 mm	145,00
Single block from 600 to 800 mm	360,00
Single block from 800 to 1000 mm	415,00
Set of 8 blocks from 125 to 600 mm	800,00

GRADE 1 single steel striker block

Conforms to ISO 3650/1 DIN 861. Cross-section: 30x9 mm up to 10.0 mm. Cross-section: 35x9 mm from 10.5 mm.

Code	€ GR1	Range mm
FA0051250	135,00	125,0
FA0051500	170,00	150,0
FA0051750	195,00	175,0
FA0052000	235,00	200,0
FA0052500	295,00	250,0
FA0053000	365,00	300,0
FA0054000	440,00	400,0

Code	€ GR1	Range mm
FA0055000	550,00	500,0
FA0056000	670,00	600,0
FA0057000	760,00	700,0
FA0058000	855,00	800,0
FA0059000	950,00	900,0
FA00510000	1.045,00	1000,0



Set of calibrated pins

Tolerance: ± 0.002 mm. Hardness 61 64 Rockwell C. Can be supplied individually on request.

Code	€ GR1	Pieces	Range mm	Progression mm
FA185011	210,00	51	0,50 ÷ 1	0,01
FA185012	310,00	101	1 ÷ 2	0,01
FA185013	310,00	101	2 ÷ 3	0,01
FA185014	310,00	101	3 ÷ 4	0,01
FA185015	330,00	101	4 ÷ 5	0,01
FA185016	330,00	101	5 ÷ 6	0,01
FA185017	340,00	101	6 ÷ 7	0,01
FA185018	340,00	101	7 ÷ 8	0,01
FA185019	350,00	101	8 ÷ 9	0,01
FA1850110	350,00	101	9 ÷ 10	0,01
FA1850111	420,00	101	10 ÷ 11	0,01
FA1850112	420,00	101	11 ÷ 12	0,01
FA1850113	420,00	101	12 ÷ 13	0,01
FA1850114	490,00	101	13 ÷ 14	0,01
FA1850115	490,00	101	14 ÷ 15	0,01
FA1850116	550,00	101	15 ÷ 16	0,01
FA1850117	550,00	101	16 ÷ 17	0,01
FA1850118	610,00	101	17 ÷ 18	0,01
FA1850119	610,00	101	18 ÷ 19	0,01
FA1850120	655,00	101	19 ÷ 20	0,01



Set of calibrated pins

Tolerance: ± 0.002 mm. Hardness 61 64 Rockwell C. Can be supplied individually on request..

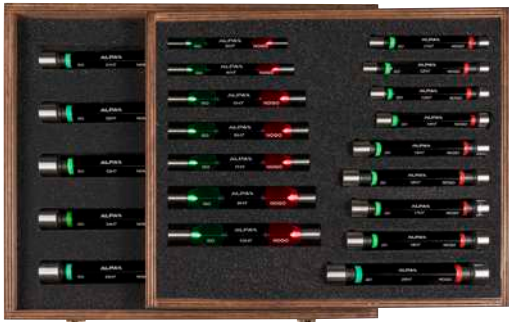
Code	€ GR1	Pieces	Range mm	Progression mm
FA186110	310,00	91	1 ÷ 10	0,10
FA186120	580,00	101	10 ÷ 20	0,10



Set of calibrated pins

Tolerance: ± 0.002 mm. Roughness: less than 0.025 µm Ra. Roundness: less than 0.0005 mm. Taper: less than 0.001 mm. Hardness 61 64 Rockwell C. Can be supplied individually on request.

Code	€ GR1	Pieces	Range mm	Progression mm
FA191055	360,00	81	1 ÷ 5	0,05
FA1910510	395,00	101	5 ÷ 10	0,05



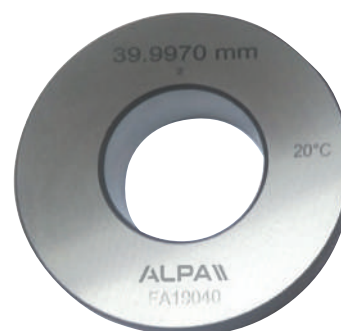
Set of plug gauges P/NP

Hardened steel. H7 tolerance. Supplied in wooden case.

GO/NO GO LIMIT PLUGS -ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Up to 50 mm	55,00
More than 50 up to 100 mm	65,00
More than 100 up to 200 mm	90,00
More than 200 up to 300 mm	105,00

Code	€ GR1	Set composition Ø mm	Pieces
FA188C	800,00	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	850,00	32-34-35-36-38-40-42-44-46-48-50-52-55-58-60	15



Plug gauge go/no go

Hardened steel. H7 tolerance. Up to Ø65 1 plug gauge, over 2 plug gauges (P or NP).

Code	€ GR1	Ø mm	Code	€ GR1	Ø mm
FA1873	29,00	3	FA18736	37,00	36
FA1874	29,00	4	FA18737	37,00	37
FA1875	29,00	5	FA18738	37,00	38
FA1876	29,00	6	FA18740	48,00	40
FA1877	29,00	7	FA18742	48,00	42
FA1878	29,00	8	FA18744	48,00	44
FA1879	29,00	9	FA18745	48,00	45
FA18710	29,00	10	FA18746	58,00	46
FA18711	29,00	11	FA18747	58,00	47
FA18712	29,00	12	FA18748	58,00	48
FA18713	29,00	13	FA18750	58,00	50
FA18714	29,00	14	FA18752	62,00	52
FA18715	29,00	15	FA18755	62,00	55
FA18716	32,00	16	FA18756	72,00	56
FA18717	32,00	17	FA18758	72,00	58
FA18718	32,00	18	FA18760	72,00	60
FA18719	32,00	19	FA18762	72,00	62
FA18720	32,00	20	FA18765	72,00	65
FA18721	32,00	21	FA18768	75,00	68
FA18722	32,00	22	FA18770	75,00	70
FA18723	32,00	23	FA18772	75,00	72
FA18724	32,00	24	FA18775	75,00	75
FA18725	34,00	25	FA18778	85,00	78
FA18726	34,00	26	FA18780	90,00	80
FA18727	34,00	27	FA18782	90,00	82
FA18728	34,00	28	FA18785	95,00	85
FA18729	34,00	29	FA18788	100,00	88
FA18730	34,00	30	FA18790	100,00	90
FA18732	37,00	32	FA18792	105,00	92
FA18733	37,00	33	FA18795	105,00	95
FA18734	37,00	34	FA18798	105,00	98
FA18735	37,00	35	FA187100	110,00	100

GO/NO GO PLUG GAUGE - CALIBRATION REPORT

DESCRIPTION	€
Up to 50 mm	10,00
More than 50 up to 100 mm	19,00
More than 100 up to 200 mm	29,00
More than 200 up to 300 mm	35,00

GO/NO GO PLUG GAUGE - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Up to 50 mm	55,00
More than 50 up to 100 mm	65,00
More than 100 up to 200 mm	90,00
More than 200 up to 300 mm	105,00

GO/NO GO PLUG GAUGE - CALIBRATION REPORT

DESCRIPTION	€
Up to 50 mm	8,00
More than 50 up to 100 mm	13,00
More than 100 up to 200 mm	20,00
More than 200 up to 300 mm	27,00

GO/NO GO PLUG GAUGE - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Up to 50 mm	45,00
More than 50 up to 100 mm	50,00
More than 100 up to 200 mm	55,00
More than 200 up to 300 mm	85,00

Resetting ring

Conforms to DIN 2250.

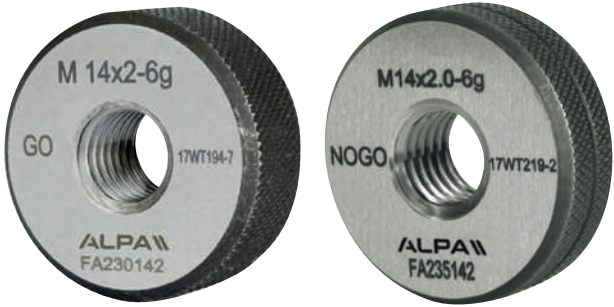
Code	€ GR1	Ø mm	Code	€ GR1	Ø mm
FA1904	55,00	4	FA19028	55,00	28
FA1905	55,00	5	FA19029	55,00	29
FA1906	55,00	6	FA19030	55,00	30
FA1907	55,00	7	FA19050	80,00	50
FA1908	55,00	8	FA19080	110,00	80
FA1909	55,00	9	FA19055	80,00	55
FA19010	50,00	10	FA19035	58,00	35
FA19011	50,00	11	FA19060	95,00	60
FA19012	50,00	12	FA19075	110,00	75
FA19013	50,00	13	FA19040	70,00	40
FA19014	50,00	14	FA19085	145,00	85
FA19015	50,00	15	FA19070	100,00	70
FA19016	52,00	16	FA19045	70,00	45
FA19017	52,00	17	FA19090	145,00	90
FA19018	52,00	18	FA19065	100,00	65
FA19019	52,00	19	FA19095	145,00	95
FA19020	52,00	20	FA190100	190,00	100
FA19021	52,00	21	FA190125	225,00	125
FA19022	52,00	22	FA190150	285,00	150
FA19023	52,00	23	FA190175	430,00	175
FA19024	52,00	24	FA190200	590,00	200
FA19025	52,00	25	FA190225	690,00	225
FA19026	55,00	26	FA190250	790,00	250
FA19027	55,00	27	FA190275	990,00	275

RESET RING - CALIBRATION REPORT

DESCRIPTION	€
From 0,5 up to 1,99 mm	90,00
From 2 up to 4,99 mm	50,00
From 5 up to 50 mm	16,00
More than 50 up to 100 mm	26,00
More than 100 up to 200 mm	35,00
More than 200 up to 300 mm	46,00

RESET RING - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
From 0,5 up to 1,99 mm	130,00
From 2 up to 4,99 mm	80,00
From 5 up to 50 mm	50,00
More than 50 up to 100 mm	55,00
More than 100 up to 200 mm	70,00
More than 200 up to 300 mm	100,00



Metric coarse-threaded (M) go/no go caliper

Hardened steel. Tolerance 6H.

Code	€ GR1	Ø and pitch	Tolerance
FA225204	55,00	2 x 0,4	6H
FA22522045	55,00	2,2 x 0,45	6H
FA22525045	55,00	2,5 x 0,45	6H
FA225305	40,00	3 x 0,5	6H
FA225407	40,00	4 x 0,7	6H
FA225508	40,00	5 x 0,8	6H
FA22561	40,00	6 x 1	6H
FA22571	40,00	7 x 1	6H
FA2258125	40,00	8 x 1,25	6H
FA2259125	40,00	9 x 1,25	6H
FA2251015	40,00	10 x 1,5	6H
FA2251115	40,00	11 x 1,5	6H
FA22512175	40,00	12 x 1,75	6H
FA225142	50,00	14 x 2	6H
FA225162	50,00	16 x 2	6H
FA2251825	60,00	18 x 2,5	6H
FA2252025	70,00	20 x 2,5	6H
FA2252225	60,00	22 x 2,5	6H
FA225243	70,00	24 x 3	6H
FA225273	85,00	27 x 3	6H
FA2253035	105,00	30 x 3,5	6H
FA2253335	105,00	33 x 3,5	6H
FA225364	105,00	36 x 4	6H
FA225394	105,00	39 x 4	6H
FA2254245	125,00	42 x 4,5	6H
FA2254545	125,00	45 x 4,5	6H
FA225485	125,00	48 x 5	6H

GO/NO GO THREAD PLUGS - CALIBRATION REPORT

DESCRIPTION	€
Up to 50 mm	25,00
From 50 to 100 mm	35,00
More than 100 up to 200 mm	50,00

GO/NO GO THREAD PLUGS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Up to 50 mm	65,00
From 50 to 100 mm	70,00
More than 100 up to 200 mm	90,00

Metric P threaded ring, coarse pitch (M)

Hardened steel. Tolerance 6g.

Code	€ GR1	Code	€ GR1	Ø and pitch	Tolerance
FA230204	70,00	FA235204	70,00	2 x 0,4	6g
FA23025045	70,00	FA23525045	70,00	2,5 x 0,45	6g
FA230305	45,00	FA235305	45,00	3 x 0,5	6g
FA230407	40,00	FA235407	40,00	4 x 0,7	6g
FA230508	45,00	FA235508	45,00	5 x 0,8	6g
FA23061	45,00	FA23561	45,00	6 x 1	6g
FA2308125	45,00	FA2358125	45,00	8 x 1,25	6g
FA2309125	50,00	FA2359125	50,00	9 x 1,25	6g
FA2301015	50,00	FA2351015	50,00	10 x 1,5	6g
FA23012175	50,00	FA23512175	50,00	12 x 1,75	6g
FA230142	55,00	FA235142	55,00	14 x 2	6g
FA230162	65,00	FA235162	65,00	16 x 2	6g
FA2301825	70,00	FA2351825	70,00	18 x 2,5	6g
FA2302025	85,00	FA2352025	85,00	20 x 2,5	6g
FA2302225	85,00	FA2352225	85,00	22 x 2,5	6g
FA230243	95,00	FA235243	95,00	24 x 3	6g
FA230273	105,00	FA235273	105,00	27 x 3	6g
FA2303035	115,00	FA2353035	115,00	30 x 3,5	6g
FA2303335	125,00	FA2353335	125,00	33 x 3,5	6g
FA230364	125,00	FA235364	125,00	36 x 4	6g
FA230394	125,00	FA235394	125,00	39 x 4	6g
FA2304245	160,00	FA2354245	160,00	42 x 4,5	6g
FA2304545	170,00	FA2354545	170,00	45 x 4,5	6g
FA230485	170,00	FA235485	170,00	48 x 5	6g

GO OR NO GO THREADED RINGS - CALIBRATION REPORT

DESCRIPTION	€
Less than 2 mm	48,00
More than 3 up to 50 mm	20,00
More 50 up to 100 mm	32,00
More 100 up to 200 mm	60,00

GO OR NO GO THREADED RINGS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Less than 2 mm	150,00
More than 3 up to 50 mm	65,00
More 50 up to 100 mm	70,00
More 100 up to 200 mm	100,00



Metric fine pitch threaded gauge (MF)

Hardened steel. Buffer passes no passes. Tolerance 6H.

Code	€ GR1	Ø and pitch	Code	€ GR1	Ø and pitch	Code	€ GR1	Ø and pitch	Code	€ GR1	Ø and pitch
FA210405	50,00	4 x 0,5	FA210151	45,00	15 x 1	FA210271	60,00	27 x 1	FA2103915	80,00	39 x 1,5
FA210505	60,00	5 x 0,5	FA2101515	55,00	15 x 1,5	FA2102715	60,00	27 x 1,5	FA210392	80,00	39 x 2
FA210605	60,00	6 x 0,5	FA21016075	55,00	16 x 0,75	FA2102815	60,00	28 x 1,5	FA2104015	80,00	40 x 1,5
FA2106075	60,00	6 x 0,75	FA210161	50,00	16 x 1	FA210282	55,00	28 x 2	FA210402	80,00	40 x 2
FA2107075	55,00	7 x 0,75	FA2101615	50,00	16 x 1,5	FA210301	75,00	30 x 1	FA210403	85,00	40 x 3
FA210805	55,00	8 x 0,5	FA21018075	70,00	18 x 0,75	FA2103015	70,00	30 x 1,5	FA2104215	80,00	42 x 1,5
FA2108075	55,00	8 x 0,75	FA210181	55,00	18 x 1	FA210302	70,00	30 x 2	FA210422	80,00	42 x 2
FA21081	40,00	8 x 1	FA2101815	55,00	18 x 1,5	FA210321	80,00	32 x 1	FA210423	85,00	42 x 3
FA21091	40,00	9 x 1	FA210182	55,00	18 x 2	FA2103215	70,00	32 x 1,5	FA2104415	85,00	44 x 1,5
FA2101005	50,00	10 x 0,5	FA21020075	75,00	20 x 0,75	FA210322	70,00	32 x 2	FA210442	85,00	44 x 2
FA21010075	50,00	10 x 0,75	FA210201	55,00	20 x 1	FA210331	85,00	33 x 1	FA2104515	80,00	45 x 1,5
FA210101	40,00	10 x 1	FA2102015	55,00	20 x 1,5	FA2103315	65,00	33 x 1,5	FA210452	80,00	45 x 2
FA21010125	40,00	10 x 1,25	FA210202	55,00	20 x 2	FA210332	65,00	33 x 2	FA210453	85,00	45 x 3
FA210111	40,00	11 x 1	FA21022075	75,00	22 x 0,75	FA2103415	85,00	34 x 1,5	FA2104815	165,00	48 x 1,5
FA21012075	50,00	12 x 0,75	FA210221	55,00	22 x 1	FA210342	80,00	34 x 2	FA210482	130,00	48 x 2
FA210121	40,00	12 x 1	FA2102215	55,00	22 x 1,5	FA210343	75,00	34 x 3	FA210483	130,00	48 x 3
FA21012125	40,00	12 x 1,25	FA210241	55,00	24 x 1	FA2103515	65,00	35 x 1,5	FA2105015	130,00	50 x 1,5
FA2101215	40,00	12 x 1,5	FA2102415	55,00	24 x 1,5	FA210352	65,00	35 x 2	FA210502	145,00	50 x 2
FA210131	45,00	13 x 1	FA210242	55,00	24 x 2	FA2103615	85,00	36 x 1,5	FA210503	110,00	50 x 3
FA2101315	45,00	13 x 1,5	FA210251	55,00	25 x 1	FA210362	65,00	36 x 2	FA210522	110,00	52 x 2
FA21014075	55,00	14 x 0,75	FA2102515	55,00	25 x 1,5	FA210363	85,00	36 x 3	FA2106215	115,00	62 x 1,5
FA210141	45,00	14 x 1	FA210252	55,00	25 x 2	FA2103815	65,00	38 x 1,5			
FA21014125	40,00	14 x 1,25	FA2102615	55,00	26 x 1,5	FA210382	65,00	38 x 2			
FA2101415	45,00	14 x 1,5	FA210262	55,00	26 x 2	FA210383	80,00	38 x 3			

GO/NO GO THREADED PLUGS - CALIBRATION REPORT

DESCRIPTION	€
Up to 50 mm	25,00
From 50 up to 100 mm	35,00
More than 100 up to 200 mm	50,00

GO/NO GO THREADED PLUGS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
Up to 50 mm	65,00
From 50 up to 100 mm	70,00
More than 100 up to 200 mm	90,00



Depth gauge for metric threads

Depth gauges metric coarse pitch steel threads.

Code	€ GR1	M
FA300M3	460,00	M3
FA300M4	460,00	M4
FA300M5	460,00	M5
FA300M6	460,00	M6
FA300M7	460,00	M7
FA300M8	460,00	M8



Threaded ring P metric fine pitch (MF)

Made of hardened steel.

GO NO GO

Code	€ GR1	Code	€ GR1	Ø and pitch	Tolerance
FA215405	75,00	FA220405	75,00	4 x 0,5	6g
FA215505	75,00	FA220505	75,00	5 x 0,5	6g
FA215605	75,00	FA220605	75,00	6 x 0,5	6g
FA2156075	75,00	FA2206075	75,00	6 x 0,75	6g
FA2157075	75,00	FA2207075	75,00	7 x 0,75	6g
FA215805	75,00	FA220805	75,00	8 x 0,5	6g
FA2158075	70,00	FA2208075	70,00	8 x 0,75	6g
FA21581	70,00	FA22081	70,00	8 x 1	6g
FA21591	70,00	FA22091	70,00	9 x 1	6g
FA2151005	70,00	FA2201005	70,00	10 x 0,5	6g
FA21510075	80,00	FA22010075	80,00	10 x 0,75	6g
FA215101	50,00	FA220101	50,00	10 x 1	6g
FA21510125	50,00	FA22010125	50,00	10 x 1,25	6g
FA215111	55,00	FA220111	55,00	11 x 1	6g
FA21512075	60,00	FA22012075	60,00	12 x 0,75	6g
FA215121	50,00	FA220121	50,00	12 x 1	6g
FA21512125	50,00	FA22012125	50,00	12 x 1,25	6g
FA2151215	50,00	FA2201215	50,00	12 x 1,5	6g
FA215131	55,00	FA220131	55,00	13 x 1	6g
FA2151315	55,00	FA2201315	55,00	13 x 1,5	6g
FA21514075	100,00	FA22014075	100,00	14 x 0,75	6g
FA215141	50,00	FA220141	50,00	14 x 1	6g
FA21514125	50,00	FA22014125	50,00	14 x 1,25	6g
FA2151415	50,00	FA2201415	50,00	14 x 1,5	6g
FA215151	85,00	FA220151	85,00	15 x 1	6g
FA2151515	85,00	FA2201515	85,00	15 x 1,5	6g
FA21516075	100,00	FA22016075	100,00	16 x 0,75	6g
FA215161	50,00	FA220161	50,00	16 x 1	6g
FA2151615	50,00	FA2201615	50,00	16 x 1,5	6g
FA21518075	100,00	FA22018075	100,00	18 x 0,75	6g
FA215181	60,00	FA220181	60,00	18 x 1	6g
FA2151815	60,00	FA2201815	60,00	18 x 1,5	6g
FA215182	85,00	FA220182	85,00	18 x 2	6g
FA21520075	110,00	FA22020075	110,00	20 x 0,75	6g
FA215201	65,00	FA220201	65,00	20 x 1	6g
FA2152015	65,00	FA2202015	65,00	20 x 1,5	6g
FA215202	90,00	FA220202	90,00	20 x 2	6g
FA21522075	110,00	FA22022075	110,00	22 x 0,75	6g
FA215221	75,00	FA220221	75,00	22 x 1	6g
FA2152215	75,00	FA2202215	75,00	22 x 1,5	6g
FA215241	70,00	FA220241	70,00	24 x 1	6g
FA2152415	75,00	FA2202415	75,00	24 x 1,5	6g
FA215242	90,00	FA220242	90,00	24 x 2	6g
FA215251	90,00	FA220251	90,00	25 x 1	6g
FA2152515	90,00	FA2202515	90,00	25 x 1,5	6g
FA215252	90,00	FA220252	90,00	25 x 2	6g

GO OR NO GO THREADED RINGS - CALIBRATION REPORT

DESCRIPTION	€
Less than 2 mm	48,00
More than 3 up to 50 mm	20,00
More than 50 up to 100 mm	32,00
More than 100 up to 200 mm	60,00

GO NO GO

Code	€ GR1	Code	€ GR1	Ø and pitch	Tolerance
FA2152615	65,00	FA2202615	65,00	26 x 1,5	6g
FA215262	65,00	FA220262	65,00	26 x 2	6g
FA215271	80,00	FA220271	80,00	27 x 1	6g
FA2152715	80,00	FA2202715	80,00	27 x 1,5	6g
FA2152815	80,00	FA2202815	80,00	28 x 1,5	6g
FA215282	85,00	FA220282	85,00	28 x 2	6g
FA215301	120,00	FA220301	120,00	30 x 1	6g
FA2153015	105,00	FA2203015	105,00	30 x 1,5	6g
FA215302	105,00	FA220302	105,00	30 x 2	6g
FA215321	115,00	FA220321	115,00	32 x 1	6g
FA2153215	105,00	FA2203215	105,00	32 x 1,5	6g
FA215322	105,00	FA220322	105,00	32 x 2	6g
FA215331	115,00	FA220331	115,00	33 x 1	6g
FA2153315	105,00	FA2203315	105,00	33 x 1,5	6g
FA215332	105,00	FA220332	105,00	33 x 2	6g
FA2153415	115,00	FA2203415	105,00	34 x 1,5	6g
FA215342	115,00	FA220342	115,00	34 x 2	6g
FA215343	135,00	FA220343	135,00	34 x 3	6g
FA2153515	105,00	FA2203515	105,00	35 x 1,5	6g
FA215352	105,00	FA220352	105,00	35 x 2	6g
FA2153615	105,00	FA2203615	105,00	36 x 1,5	6g
FA215362	105,00	FA220362	105,00	36 x 2	6g
FA215363	115,00	FA220363	115,00	36 x 3	6g
FA2153815	115,00	FA2203815	115,00	38 x 1,5	6g
FA215382	115,00	FA220382	115,00	38 x 2	6g
FA215383	140,00	FA220383	140,00	38 x 3	6g
FA2153915	140,00	FA2203915	140,00	39 x 1,5	6g
FA215392	115,00	FA220392	115,00	39 x 2	6g
FA2154015	115,00	FA2204015	115,00	40 x 1,5	6g
FA215402	115,00	FA220402	115,00	40 x 2	6g
FA215403	135,00	FA220403	135,00	40 x 3	6g
FA2154215	140,00	FA2204215	140,00	42 x 1,5	6g
FA215422	140,00	FA220422	140,00	42 x 2	6g
FA215423	140,00	FA220423	140,00	42 x 3	6g
FA2154415	155,00	FA2204415	155,00	44 x 1,5	6g
FA215442	155,00	FA220442	155,00	44 x 2	6g
FA2154515	140,00	FA2204515	140,00	45 x 1,5	6g
FA215452	140,00	FA220452	140,00	45 x 2	6g
FA215453	140,00	FA220453	140,00	45 x 3	6g
FA2154815	140,00	FA2204815	140,00	48 x 1,5	6g
FA215482	120,00	FA220482	120,00	48 x 2	6g
FA215483	140,00	FA220483	140,00	48 x 3	6g
FA2155015	120,00	FA2205015	120,00	50 x 1,5	6g
FA215502	120,00	FA220502	120,00	50 x 2	6g
FA215503	140,00	FA220503	140,00	50 x 3	6g

GO OR NO GO THREADED RINGS - ACCREDIA CALIBRATION CERTIFICATE

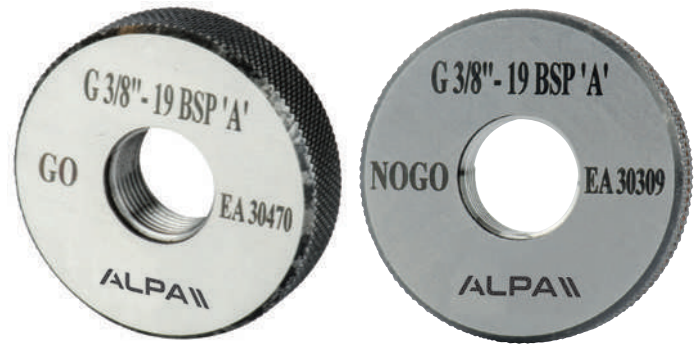
DESCRIPTION	€
Less than 2 mm	150,00
More than 3 up to 50 mm	65,00
More than 50 up to 100 mm	70,00
More than 100 up to 200 mm	100,00



P/NP GAS ISO 228 Threads plug gauge

Cylindrical thread.

Code	€ GR1	Ø and pitch
FA27018	85,00	1/8" - 28
FA27014	85,00	1/4" - 19
FA270238	235,00	2" 3/8 - 11
FA27012	90,00	1/2" - 14
FA27058	90,00	5/8" - 14
FA27034	100,00	3/4" - 14
FA27078	105,00	7/8" - 14
FA2701	125,00	1" - 11
FA270118	160,00	1" 1/8 - 11
FA270114	175,00	1" 1/4 - 11
FA270138	190,00	1" 3/8 - 11
FA270112	200,00	1" 1/2 - 11
FA270134	200,00	1" 3/4 - 11
FA2702	215,00	2" - 11



Threaded ring P GAS ISO 228

Cylindrical thread.

Code	€ GR1	Code	€ GR1	Ø and pitch
FA27518	110,00	FA28018	110,00	1/8" - 28
FA27514	105,00	FA28014	105,00	1/4" - 19
FA27538	95,00	FA28038	95,00	3/8" - 19
FA27512	105,00	FA28012	105,00	1/2" - 14
FA27558	110,00	FA28058	110,00	5/8" - 14
FA27534	120,00	FA28034	120,00	3/4" - 14
FA27578	120,00	FA28078	120,00	7/8" - 14
FA2751	150,00	FA2801	150,00	1" - 11
FA275118	150,00	FA280118	150,00	1" 1/8 - 11
FA275114	160,00	FA280114	160,00	1" 1/4 - 11
FA275138	170,00	FA280138	170,00	1" 3/8 - 11
FA275112	170,00	FA280112	170,00	1" 1/2 - 11
FA275134	170,00	FA280134	170,00	1" 3/4 - 11
FA2752	195,00	FA2802	195,00	2" - 11



NPT threaded plug gauge

Conical thread.

Code	€ GR1	Ø and pitch
FA28518	210,00	1/8" - 27
FA28514	210,00	1/4" - 18
FA28538	220,00	3/8" - 18
FA28512	243,00	1/2" - 14
FA28534	257,00	3/4" - 14
FA2851	280,00	1" - 11,5

CONICAL THREADED PLUGS - CALIBRATION REPORT

DESCRIPTION	€
From 1/16" to 1"	35,00

CONICAL THREADED PLUGS - ACCREDIA CALIBRATION REPORT

DESCRIPTION	€
From 1/16" to 1"	215,00



NPT threaded ring

Conical thread.

Code	€ GR1	Ø and pitch
FA28618A	340,00	1/8" - 27
FA28614A	335,00	1/4" - 18
FA28638A	350,00	3/8" - 18
FA28612A	355,00	1/2" - 14
FA28634A	383,00	3/4" - 14
FA2861A	422,00	1" - 11,5

CONICAL THREADED RINGS - CALIBRATION REPORT

DESCRIPTION	€
From 1/8" to 1"	40,00

CONICAL THREADED RINGS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	€
From 1/8" to 1"	225,00

NEW

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CLINOTRONIC S

Precision digital spirit levels with Bluetooth®

Accuracy 0.055% (> 15"). Wireless functionality for Android™ devices. High-visibility, low-power, backlit display. User-friendly with completely redesigned, highly intuitive graphical user interface. Adjusted to local gravity for highest possible accuracy. Increased accuracy: 0.04% of measured value minimum 5" (arc seconds). Extreme versatility, allows measurement of both parallelism and perpendicularity, e.g. vertical rails or presses.

Code	€ GR3	Range	Resolution	Version
EA0550055MAG	2.890,00	± 45°	5"	4-sided magnets
EA0550055M3	2.790,00	± 45°	5"	M3 holes on 4 sides
EA0550055ST	2.590,00	± 45°	5"	Standard

NEW

WYLER



CLINO Frame

Bluetooth® Inclinometer

Square nickel-plated cast iron frame with two scraped prismatic bases and two flat-ground bases. Range ±10° x 2" (arc seconds). Measurement of large angles of inclination. Measurement of the inclination of machinery and tool heads. Measurement of the gradient of roads, ramps and terrain. Measurement of the inclination of solar panels. High accuracy thanks to the robust construction combined with a temperature compensation system. Large, easy-to-read colour display with various graphic themes. The instrument can be set to local gravity. All instruments are equipped with RS232 interfaces. Standard 1.5V. Complies with CE regulations and all applicable EMC standards.

Code	€ GR3	Base mm	Contacts	Version
EA060102STBT	7.750,00	160 x 160	2 Scraped and 2 Ground Plates	Without magnets
EA060102MAGBT	9.400,00	160 x 160	2 Scraped and 2 Ground Plates	With magnets on 2 sides

NEW



Square digital mini-level with magnetic base

Hand-held angle testing instrument. Zeroing in any position. Supplied with case.

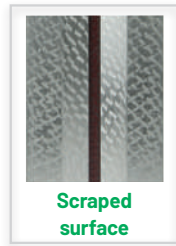
Code	€ GR1	Range	Dimensions mm	Resolution	Accuracy	Repeatability
EA070180	70,00	± 180°	50 x 50 x 32	0,1°	± 0,20°	± 10°



Digital inclinometer

360° goniometer (4 x 90°) and inclinometer. On/off button. Reset to any position. 3V transistor-type battery power supply included.

Code	€ GR1	Resolution	Dimensions mm
EA02101	100,00	0,1°	150 x 30 x 50



Scraped surface

NEW

WYLER



48 Spirit

Square spirit level sensitivity 0.02 mm/m

Four right-angled support surfaces, two of which are flat and two with V-grooves for checking flat and cylindrical, horizontal and vertical surfaces. Handle for thermal insulation and vial protection.

Code	€ GR1	Length mm	Sensitivity mm/m	Description
EB040150	390,00	150	0,02	Scraped
EB040200	490,00	200	0,02	Scraped
EB045150	240,00	150	0,02	Rectified
EB045200	260,00	200	0,02	Rectified

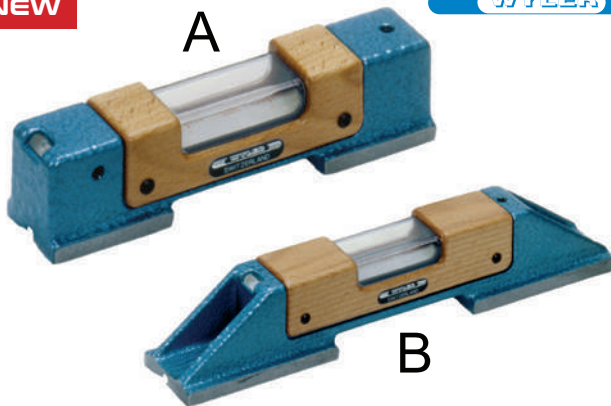
Bubble levels

High-precision spirit levels. Prismatic prismatic angular base; with magnets on vertical side. For measuring flat or cylindrical surfaces in horizontal and vertical positions, with perfect magnetic adherence to vertical surfaces. Spirit levels have an insulating handle and are supplied in wooden cases. Prismatic base, magnets on vertical side.

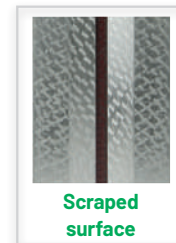
Code	€ GR3	Resolution mm/m	Dimensions mm
EB070002150	2.715,00	0,02	150 x 150

NEW

WYLER



SS Spirit



Scraped surface



Scraped spirit levels sensitivity 0.02 mm/m

High-precision spirit levels. Scraped prismatic base; without magnets. For measurements on flat and cylindrical surfaces in a horizontal position. Spirit levels have an insulating handle, external bubble protection and are supplied in wooden cases. Horizontal base.

Code	€ GR3	Sensitivity mm/m	Form	Base mm
EB075002150	1.020,00	0,02	A	150
EB075002100	1.145,00	0,02	A	100
EB075002200	1.165,00	0,02	B	200
EB075002300	1.555,00	0,02	B	300

Scraped linear spirit level, sensitivity 0.02 mm/m

Base with V-groove, for checking flat and cylindrical surfaces.

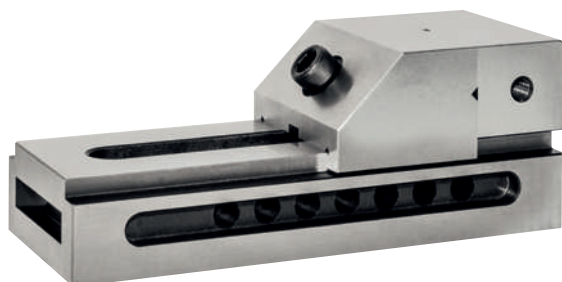
Code	€ GR1	Length mm	Sensitivity mm/m
EB051150	240,00	150	0,02
EB051200	255,00	200	0,02
EB051250	360,00	250	0,02



Tool zeroing device

Durable aluminium structure. Hardened ground steel plate. Magnetic support base for use also horizontal. Tolerance on zeroing height: ± 0.005 mm. Fast and precise tool for zeroing tools on traditional and CNC machines. Once the zeroer is positioned on the machine table, approach it with the tool and press down on the plate until the set zeroing height is reached.

Code	€ GR1	Readout mm	Stroke mm	Zeroing mm
HA20050	175,00	0,01	5	50
HA200100	220,00	0,01	5	100



Precision steel vice

Precision steel vice for accurate measurements and machine operations. Prism, in the moving section of the instrument, ground both vertically and horizontally.

Code	€ GR1	Length mm	Opening mm	Width mm	Height mm	kg
EB10565	85,00	65	25	25	10	0,3
EB105100	95,00	100	40	36	20	1
EB105140	105,00	140	65	50	25	2
EB105175	120,00	175	85	63	32	4,1
EB105245	265,00	245	125	100	45	10
EB105285	350,00	285	160	125	50	21
EB105330	530,00	330	200	150	50	20

Precision steel vice

Precision steel vice for accurate measurements and machine operations. Prism, in the moving section of the instrument, ground both vertically and horizontally.

Code	€ GR1	Length mm	Opening mm	Width mm	Height mm	kg
EB110155	140,00	155	65	50	25	3
EB110190	160,00	190	85	63	32	3,8
EB110210	225,00	210	100	73	35	5
EB110250A	245,00	250	125	88	40	11
EB110250B	330,00	250	125	100	45	13

NEW

sylvac



Universal ratchet

Constructed entirely of hardened stainless steel. 4 x 90° graduation, accuracy $\pm 1'$. 1° reading on the nonius in the centre of the instrument. Magnifying glass, and 1' (1/60°) on the nonius of the micrometer. Patented system of automatic unblocking-unblocking of the rotation, with simple pressure on the micrometer. Patented system of unblocking-unblocking of the movable scale supplied with 90° stainless steel recognition square, 1 x 150 mm scale and 1 x 300 mm scale. An instrument of extraordinary precision, practicality, simplicity and reliability. Can be considered the most accurate mechanical goniometer on the market.

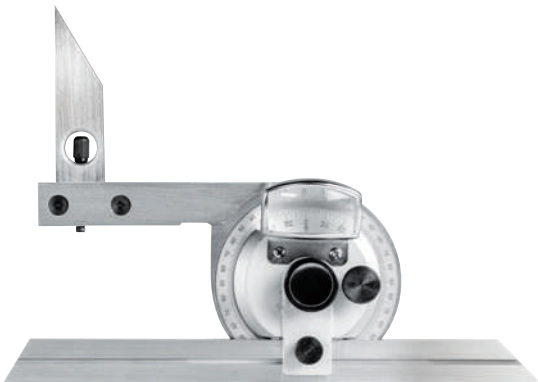
Code	€ GR1	Range	Resolution	Fixed line mm
EB020360	740,00	0 ÷ 360°	1'	85



IP54 digital protractor with Bluetooth® and presets

Resolution 0.01°. Accuracy $\pm 0.06^\circ$. Protection IP54. Electronics protected against dust and splash water. Display modes in degrees, minutes of arc and radians. Including 200 mm scale. Optional 300 mm and 500 mm scales.

Code	€ GR1	Range	Accuracy	Resolution
EA009200BT	2.390,00	1x360°, 2x180°, 4x90°	4 arcminutes / 0.06° / 0.01° / 1 arcminute (0°01') / 0.0012 rad	0.0001 rad



Rapporteur with lens

Hardened stainless steel construction. Economical, high-precision scale. Parallax error-free reading scale.

Code	€ GR1	Range	Resolution	Fixed line mm
EB022300	85,00	0 - 360°	5'	100



Digital goniometer made of stainless material

Hardened rulers. Accuracy $\pm 2'$. Supplied with 150, 200 and 300 mm sliding rulers.

Code	€ GR1	Campo	Resolution	Moving blade mm
EA012300	375,00	0° ÷ 360°	1' - 1/100°	150 - 300



MEGAtower



Height gauge

Resolution 0.001 mm. Swiss-made height gauge: robust, precise and reliable. Completely redesigned and extremely robust cast-iron base structure. Carriage with external probe arm and dual-measuring arms. Mechanically adjustable balance, allowing the use of long arms and a wide variety of probes. Electronically adjustable measuring force. Air cushion. Comprehensive and quickly accessible measuring functions: planes, diameters, centre distances, min/max and delta. Swivelling digital display. User-friendly, high-contrast display. RS232 and USB interfaces, with optional wireless data output. Supplied with a 4 mm diameter ruby probe, calibration sample and protective cover.

Code	€ GR3	Range mm	Base mm
GA050400	4.900,00	400	278 x 270
GA050700	5.600,00	700	278 x 270

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

GA053KIT7
ECO



GA053KIT16
MACRO

GA053KIT20
MICRO



Replacement probe for height gauge

Ruby and carbide ball probes.

Code	€ GR3	Length mm	Ø mm
GA052R490	265,00	90	4
GA052R5129	360,00	129	5
GA052W175	455,00	75	1
GA052W2130	670,00	130	2
GA052W280	485,00	80	2

Height gauges accessory set

Cases complete with accessories for using the instrument to its full potential. Comprising probes and arms for all requirements.

Code	€ GR3	Pieces
GA053KIT7	550,00	7
GA053KIT16	1.480,00	16
GA053KIT20	1.990,00	20

Bluetooth® data transmission kit

Bluetooth® data transmission kit for Trimos altimeters.

Code	€ GR1	Description
GA054BT	600,00	Data transmission kit



NEW



NEW



V5

Height gauge

Resolution 0.0005 mm. Completely redesigned and extremely robust cast iron base structure. Carriage with external probe arm and double-door-measuring arm. Mechanically adjustable balancing, allowing the use of long arms and a wide range of probes. Electronically adjustable measuring force. Patented system for manual and motorised adjustment of the slide. Air cushion. Comprehensive and quickly accessible measuring functions: surfaces, diameters, centre distances, min/max and delta. Adjustable digital display. User-friendly, high-contrast display. RS232 and USB interfaces, plus optional wireless data output. Automatic probe calibration function.

Code	€ GR3	Range mm	Base mm
GA0600400	6.120,00	400	275 x 270
GA0600700	7.100,00	700	275 x 270
GA0601100	10.900,00	1100	275 x 270

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



V7

2D motorised height gauge

Resolution 0.0001 mm. Completely redesigned and extremely robust cast iron base. Carriage with external probe arm and dual-measuring arms. Mechanically adjustable balancing, allowing the use of long arms and a wide variety of probes. Electronically adjustable measuring force. Patented system for manual and motorised adjustment of the slide. Air cushion. Comprehensive and readily accessible measuring functions: planar measurements, diameters, centre distances, 'EasyScan' graphical representation of the reversal point, min/max and delta. Calculation functions for all measurements in the buffer. Tolerance setting. mm/inch. Angle measurement function. Perpendicularity analysis. Management of 9 origins with dedicated PRESET values. Two-dimensional measurements with graphical representation. Temperature compensation function with input of the expansion factor. Free software for data export to a PC. Heidenhain measuring system with the option to integrate a perpendicularity probe. Automatic probe calibration function.

Code	€ GR3	Range mm	Base mm
GA0700400	9.400,00	407	283 x 270
GA0700700	10.045,00	711	283 x 270
GA0701100	16.125,00	1110	358 x 350
GA0701800	32.640,00	1810	358 x 350

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

NEW



NEW



V1



V1+

Trimos Surface Gauge V1-

Resolution 0.01mm. Completely developed and manufactured in Switzerland. Force-free movement crank with clamping and micrometric adjustment. Ideal for plotting and simple one-way measurements. Plotting tip included.

Code	€ GR3	Range mm	Base mm
GA0050300	2.250,00	306	203 x 129
GA0050600	2.590,00	611	205 x 156

Height gauge

This model exceeds the core features of the V1 model, meeting the needs of those who wish to expand their measuring capabilities. It implements bi-directional measurement, which increases versatility without requiring additional accessories, and the V1+ is also perfect for measuring diameters, both internal and external. It also offers advanced fine adjustment and constant measuring force, both essential for improving measurement accuracy and repeatability. Robust and easily transportable. Clear and simple user interface. Integrated counterweight in the column. Fast and smooth carriage movement. Designed and manufactured in Switzerland. Diameter measuring capability. Measuring force management. RS232 connectivity. The +GR specification in the technical code indicates granite base.

Code	€ GR3	Range mm	Base mm
GA0100300P	2.690,00	306	203 x 129
GA0100300GRP	3.990,00	306	300 x 200
GA0100600P	3.290,00	611	205 x 156
GA0100600GRP	4.350,00	611	300 x 200

NEW



NEW




Hi_Cal V2 Smart

Height gauge with Bluetooth®

Resolution: 0.001 mm. Accuracy: $2.5+L/175$ mm. Completely redesigned mechanism. Compact and easy to handle. Switch on and measure – couldn't be simpler. Measures heights, thicknesses, depths, internal/external diameters and centre-to-centre distances. Integrated Bluetooth data transmission technology. Mini-USB and serial connectors for wired data transmission. New-generation stepper motor. Extremely low measuring force (adjustable 0.2–0.3 N). Simultaneous display of diameter and centre-to-centre distance. Quick probe change. Wide range of accessories. Compact 'A4-sized' working surface. SCS primary certificate included.

Code	€ GR3	Range mm	Base mm
GA030155	4.290,00	0 ÷ 155	92 x 147
GA030320	4.650,00	0 ÷ 320	92 x 147
GA030470	5.220,00	0 ÷ 470	112 x 172

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

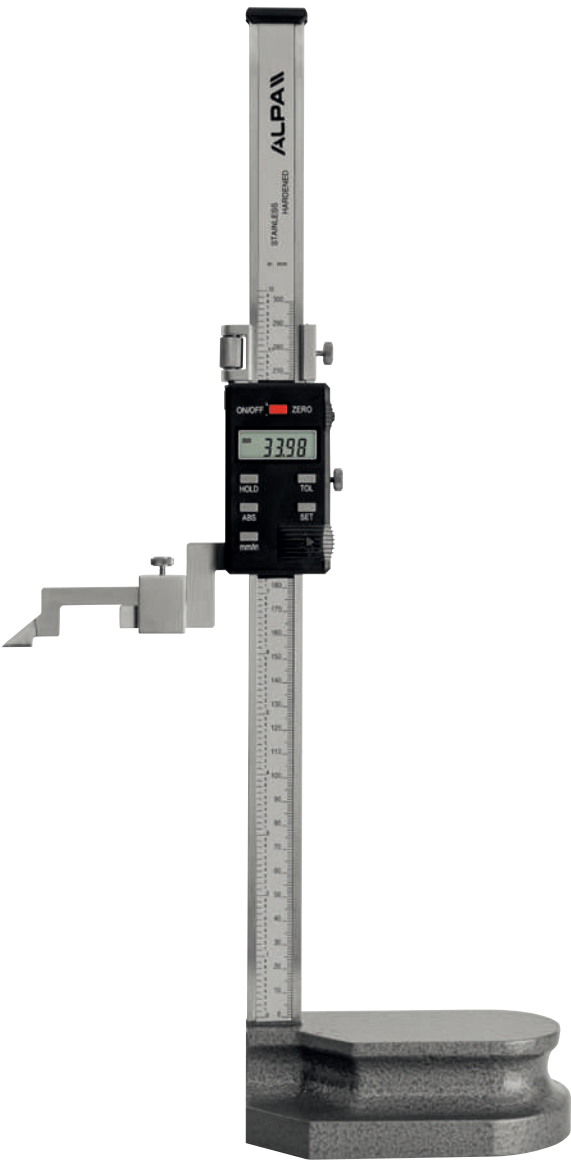


Hi_Gage ONE Smart

Digital height gauge with Bluetooth®

Resolution 0.01 mm. Storage function for the (probe diameter) for bidirectional measurements. Ergonomic cast iron base. Column with hardened steel guides. Quick-locking system and fine-adjustment unit with locking screw. Probe holder block with Ø8mm coupling. Marking tip included.

Code	€ GR3	Range mm
GA031400	1.260,00	400
GA031600	1.380,00	600



Multifunction digital Height gauge

Resolution 0.01 mm. LCD display. Hardened stainless steel. Accessories available on request. Feeler attachment Ø 8 mm included. Feeler attachment and spare scribing tips available on request depending on model.

Code	€ GR1	Range mm	Accuracy mm	Section mm
GA080300	265,00	0 ÷ 300	± 0,04	23 x 6
GA080500	415,00	0 ÷ 500	± 0,05	31 x 11
GA0801000	1.060,00	0 ÷ 1000	± 0,07	50 x 16
GA0801500	1.690,00	0 ÷ 1500	± 0,11	50 x 16

Code	€ GR1	Description
GA081COMP	55,00	Comparator holder
GA100TAST	50,00	Probe attachment
GA100PUNTA	60,00	Replacement drill bit
GA1000300TIP	30,00	Drill bit for 300 mm
GA1000500TIP	35,00	Tracing bit for 500 mm



Double-column clock-style Height gauge

Resolution 0.01 mm. Hardened stainless steel.

Code	€ GR1	Range mm	Accuracy mm	Base mm
GB010300	280,00	0 ÷ 300	± 0,04	135 x 90
GB010600	485,00	0 ÷ 600	± 0,05	180 x 120



Digital Height Gauge

Resolution 0.01 mm. LCD display. Hardened stainless steel. With crank and rack. 8 mm dia. probe holder included.

Code	€ GR1	Range mm	Accuracy mm
GA095300	410,00	0 ÷ 300	± 0,04
GA095600	705,00	0 ÷ 600	± 0,05



HA155
Detergent for lapped
surfaces



HA160
Granite polishing
oil

**STAND INCLUDED
WITH NON-SLIP FEET**

Black granite striker table

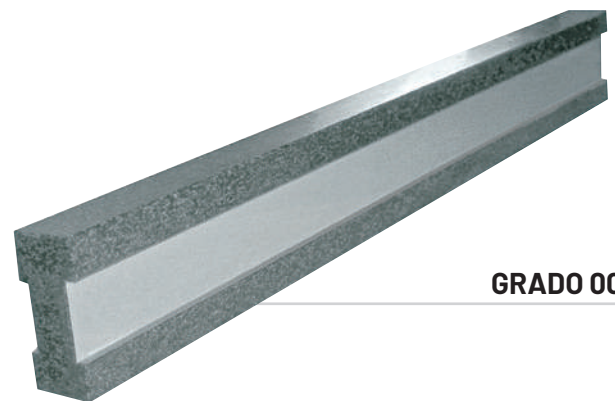
Non-magnetic, non-conducting granite tabletop. Made of stainless material. African Black Grade "0". Complete with painted rectangular steel frame. Levelling pins and adjustable feet. Supplied with test certificate DIN 876/0. On request tabletops in absolute black or African Black Grade "00" diabase.

Code	€ GR1	Plan dimensions mm	Accuracy mm
HA122630T	690,00	630 x 400	± 0,004
HA122800T	880,00	800 x 500	± 0,004
HA1221000T	1.190,00	1000 x 630	± 0,004
HA1221200T	1.700,00	1200 x 800	± 0,005
HA1221600T	2.515,00	1600 x 1000	± 0,006
HA1222000T	3.650,00	2000 x 1000	± 0,006



GRADO 00

Made in Italy



GRADO 00

Made in Italy

Black granite control square

Suitable for perpendicularity checks. Manufactured to very tight tolerances and with stable support. Relief holes are drilled in the large squares. Surfaces are lapped. Grade "00" finish with accuracies as per table. Available in absolute black diabase on request.

Code	€ GR1	Dimensions mm	Flatness μm	Accuracy mm	Perpendicularity μm	kg
HA140400	995,00	400 x 250 x 80	3/2,5	± 0,0018	3	10
HA140500	1.250,00	500 x 300 x 60	3/2,5	± 0,002	3,5	20
HA140630	1.990,00	630 x 400 x 80	3	± 0,0023	4	35
HA1401000	3.780,00	1000 x 630 x 90	4/3	± 0,0026	6	120

Black granite double T flat bar

Two flat, parallel lapped faces. Double-T section for stability and lightness. Parallelism tolerance is equal to flatness tolerance. On request in absolute black diabase.

Code	€ GR1	Dimensions mm	Parallelism μ	Accuracy mm	kg
HA135500	825,00	500 x 50 x 80	3	± 0,0015	5
HA135750	990,00	750 x 50 x 80	3,4	± 0,002	8
HA1351000	1.335,00	1000 x 60 x 140	4	± 0,002	23
HA1351500	2.200,00	1500 x 80 x 180	5	± 0,0026	40
HA1352000	3.450,00	2000 x 100 x 220	6	± 0,003	80



V-shaped parallel steel blocks

Machined and supplied in pairs. 90° hollow-forming surfaces. Accuracy 0.01 mm.

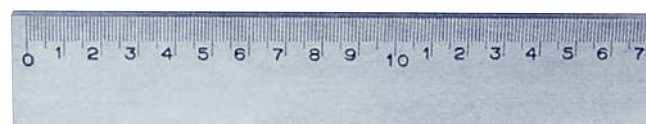
Code	€ GR1	Dimensions mm	Accuracy mm
HA03560	110,00	60 x 60 x 50	± 0,01
HA03575	115,00	75 x 75 x 60	± 0,01
HA03590	115,00	95 x 70 x 35	± 0,01
HA035100	170,00	100 x 80 x 60	± 0,01
HA035120	210,00	120 x 90 x 60	± 0,01
HA035150A	280,00	150 x 100 x 60	± 0,01



Magnetic prism

Suitable for quick positioning during machining and testing operations. Sold individually.

Code	€ GR1	Dimensions mm	V-shaped surface kg	Flat surface kgf
HA04280	200,00	80 x 56 x 72	55	70
HA042115	335,00	115 x 75 x 100	90	110



Made in Italy

Hardened stainless steel control line

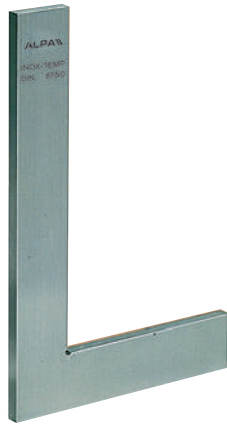
Suitable for high-precision checks. Ground on all faces. With handle and double-T section for stability and lightness. With serial number. Built to DIN 874/1.

Code	€ GR1	Dimensions mm	Section mm	kg
HA115500	330,00	500	50 x 12	2
HA1151000	590,00	1000	70 x 15	4,70
HA1151500	890,00	1500	90 x 20	14
HA1152000	1.390,00	2000	90 x 20	19
HA1153000	2.900,00	3000	90 x 20	31,50

Stainless steel millimetre rule without bevel

Conforms to DIN 866/A.

Code	€ GR1	Dimensions mm	kg
HA105500	90,00	500 x 43 x 5	0,90
HA105750	120,00	750 x 43 x 5	1,30
HA1051000	160,00	1000 x 43 x 5	1,80
HA1051500	230,00	1500 x 43 x 5	2,60
HA1052000	350,00	2000 x 43 x 5	3,50



Simple set square made of hardened stainless steel

Fully ground on faces. High-precision. Manufactured and tested to high quality standards according to DIN 875/0. With serial number.

Code	€ GR1	Dimensions mm
HA085100	36,00	100 x 70
HA085150	55,00	150 x 100
HA085200	72,00	200 x 130
HA085300	110,00	300 x 200



Hatted square made from hardened stainless steel

Fully ground on faces. High-precision. Manufactured and tested to high quality standards according to DIN 875/0. With serial number.

Code	€ GR1	Dimensions mm
HA075100	48,00	100 x 70
HA075150	65,00	150 x 100
HA075200	75,00	200 x 130
HA075300	160,00	300 x 200



Simple bevelled square made from hardened stainless steel

The two chamfered and lapped sides allow for more accurate visual inspection. Fully ground high-precision square being manufactured and tested according to strict procedures, following DIN 875/00. Equipped with serial number.

Code	€ GR1	Dimensions mm
HA090100	47,00	100 x 70
HA090150	75,00	150 x 100
HA090200	95,00	200 x 130
HA090300	160,00	300 x 200



Bevelled square with hardened stainless steel cap

The two chamfered and lapped sides allow for more accurate visual inspection. Fully ground high-precision square being manufactured and tested according to strict procedures, following DIN 875/00. Equipped with serial number.

Code	€ GR1	Dimensions mm
HA092100	62,00	100 x 70
HA092150	72,00	150 x 100
HA092200	120,00	200 x 130
HA092300	180,00	300 x 200

OUR CALIBRATION SERVICE



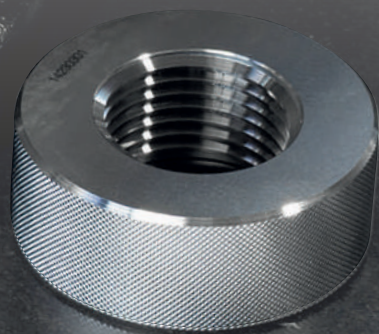
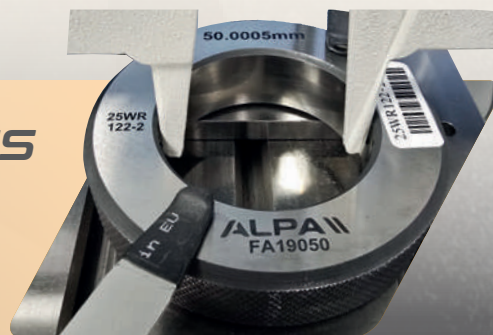
00275

UTENSIL LINE, part of the A+B Group, operates an ACCREDIA-accredited calibration laboratory (No. 00275) for the fields of length, plane angle, torque and hardness, thanks to which it is able to calibrate new measuring instruments or those subject to periodic re-calibration, issuing ACCREDIA calibration reports and calibration certificates.

*PERFORMANCE TESTED
FROM THE VERY
FIRST USE*



*ELIMINATION OF DISPUTES
REGARDING PRODUCTS
PROCESSED*



00275

atura
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Pag. 1 di 2



MEASURING MACHINES
AND HIGH TECHNOLOGY INSTRUMENTS

LITEsurf LA251



Portable roughness tester with Bluetooth®

Portable roughness tester with an interchangeable probe that can be rotated through 90° (for lateral measurements) with optical signal transmission. Gaussian filter, 8 parameters in accordance with ISO 4287 (Ra; Rq; Rt; Rz; Rc; Rmax; Rsm; Rpc), 5 parameters in accordance with ISO 12085 (Pt, R, AR, Rx, PPc). Its extremely compact dimensions (the smallest currently on the market) and the speed of battery recharging via USB cable make this instrument a game-changer in the design of surface roughness measuring instruments. Data can be exported via cable to a PC, via Bluetooth and using a dedicated app on mobile devices. Accessories included: battery charger, basic software, USB Type-C cable, calibration plate, and a handy carrying case.

PARAMETRI
Ra, Rq, Rt, Rz, Rc, Rmax, Rsm, Rpc

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

Code	€ GR3	Description
LA251LITEND	1.990,00	Portable rugosimeter
LA251LITEBT	2.250,00	Portable rugosimeter with Bluetooth

Code	€ GR3	Description
LA252PR50	325,00	Extension 50 mm
LA252PR100	332,00	Extension 100 mm
LA252090	845,00	Standard SB51 touch probe for 90° surfaces
LA252SB2	795,00	Professional software
CD024ME	335,00	Jointed dial indicator stand with granite top



CD024ME
Stand

FACetest 25

Portable roughness tester with graphic display

The ALPA roughness tester is simple and extremely easy to use. This instrument is ideal for measuring workpieces directly at workstations or on production machinery. Thanks to its internal memory, ease of handling and built-in battery, the ALPA FT 25 is suitable for measurements in challenging conditions on large or complex workpieces. This version allows the measurement of 31 parameters with a graphical display, providing the advanced analysis typical of a laboratory instrument. In addition to the 31 calculated roughness parameters, it immediately displays graphs of the roughness profile, the primary profile and the bearing curves.

Basic software and connection cable included.

PARAMETRI

ISO 4287 | Ra, Rq, Rt, Rz, Rp, Rc, Rv, Rsm, Rdc, Pa, Pq, Pt, Pp, Pc, Pv, Psm, Pdc, RPc, PPc - Rk, Rpk, Pvk, Mr1, Mr2 - Pt, R, Rx, AR-R3, R3zm, Rmax

Code 3	€ GR3	Description
LA250DIS	1.890,00	Portable rugosimeter with graphic display

Code 3	€ GR3	Description
LA250SB1	785,00	Software with graphics + USB cable
CD024ME	335,00	Jointed dial indicator stand with granite top

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

NEW

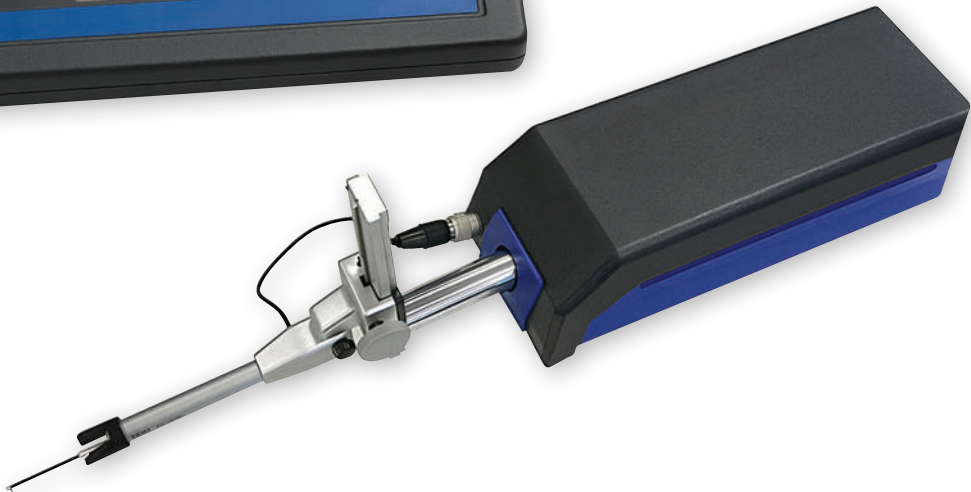
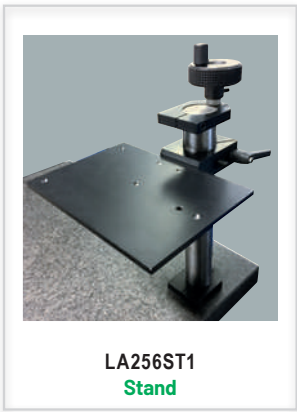


Portable rugosimeter

High-resolution portable rugosimeter with a wide measuring range. Thanks to its removable probe, it can be used in any position and orientation. The colour LCD screen ensures excellent visibility and makes it easy for the operator to use. Measuring range: -210 to +160 µm. Resolution: 0.0007 µm / -210 to 160 µm. Maximum scanning range mm 16. Cut-off length mm 0.08, 0.25, 0.8, 2.5. Removable probe with 2 µm diamond, 60° cone.

Code	Description
LA280E352MC	Portable rugosimeter

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



FACetest 80

High-performance rugosimeter

Thanks to its ease of handling and simplicity of use, the ALPA FT 80 roughness tester allows even the most complex surfaces to be measured easily and intuitively. The 5.7-inch colour touchscreen display, combined with the icon-based interface, enables the operator to quickly set the measurement parameters, position the device precisely on the workpiece and carry out the analysis. Results and their tolerances are immediately ready to be printed using the integrated thermal printer. The graphs and parameters are interactive, allowing the operator to quickly and easily customise the presentation of the results. The ALPA FT 80 is suitable for production environments or metrology laboratories.

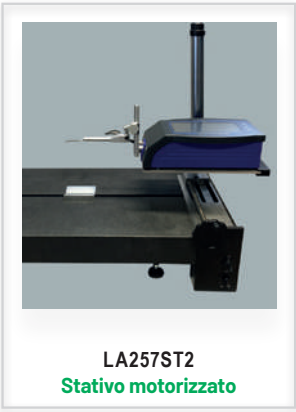
TL90 TRANSLATOR
Laboratory translator with friction-controlled micrometric positioning for roughness measurements with or without a slide, X-axis stroke 50 mm. Precision measurements can be carried out using a free-standing diamond tip, even on curved surfaces.

PARAMETERS
ISO 4287-1997, ISO 12085, DIN 4768, ISO 13565 | Ra, Rq, Rt, Rz, Rp, Rc, Rv, Rsk, Rku, Rsm, Rdc, R_{Pc}, Pa, Pq, Pt, Pp, Pc, Pv, Psm, Pdc, PPc, Wa, Wq, Wt, Wz, Wp, Wv, Wc, WSm, Wdc, W_{Pc}, Rk, Rpk, Pvk, Mr1, Mr2, Pt, Pdc, PPc, R, Rx, AR, Wte, W, AW, Wx, Rke, R_{pke}, Rvke, Mr1e, Mr2e Rmax, R3z, R3zm

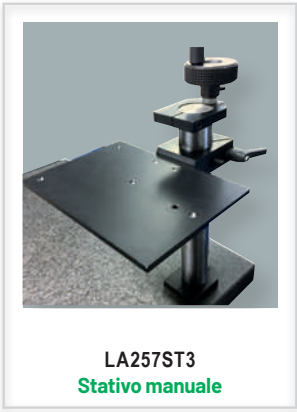
Code	€ GR3	Description
LA255TL90	7.000,00	High-performance rugosimeter

Code	€ GR3	Description
LA250SB1	785,00	Software with graphics + USB cable

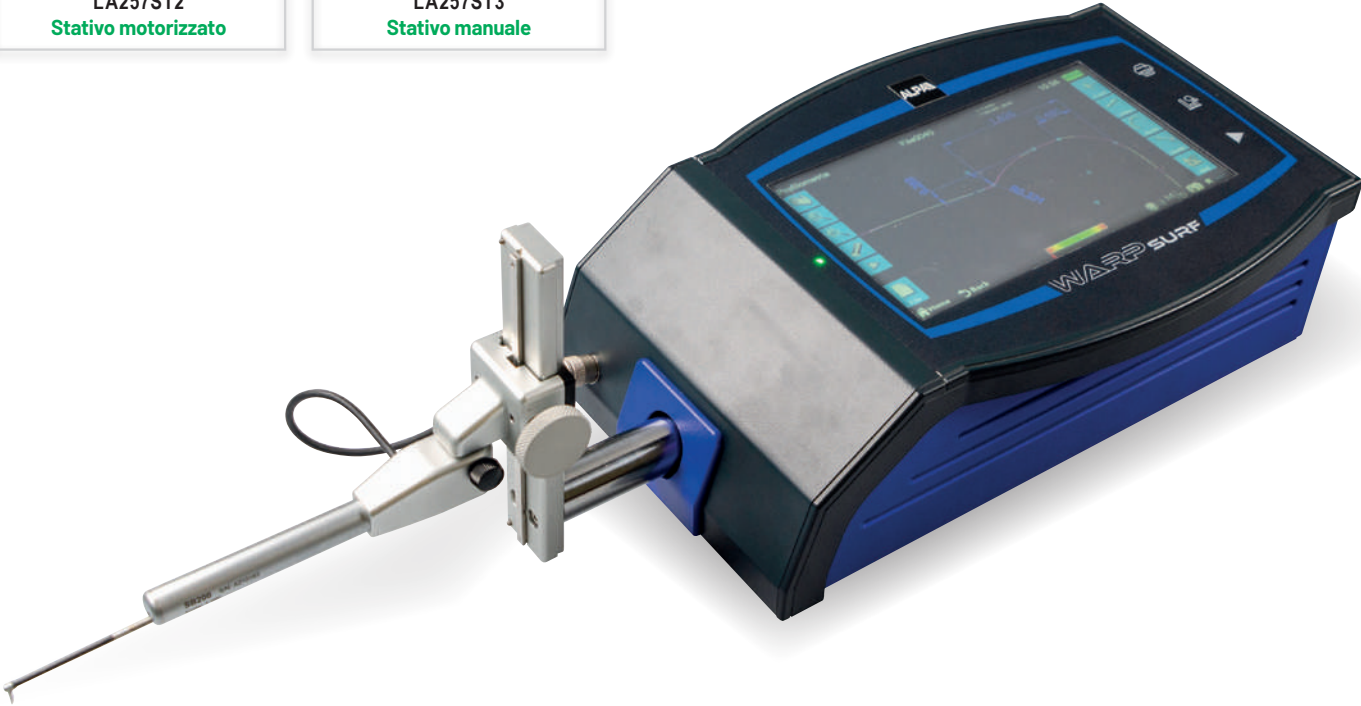
ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



LA257ST2
Stativo motorizzato



LA257ST3
Stativo manuale



WARPsurf

Bluetooth® Portable Rugoprobe

This new Roughness and profilometer revolutionises roughness and profile measurement and thanks to its compact size and easy handling can be used in a wide variety of measuring conditions. Interchangeable magnetic-mounted touch probes for fast switching between modes. Features a large 7" touchscreen display with 16 million colours and thanks to the 81 measurable roughness parameters meets the current main international standards. Integrated software for profile analysis. Wide measuring range in roughness and profilometry. Automatic storage of the last 6 measurements. Manual storage of up to 1000 profilometry measurements and 4000 roughness measurements (graphs + parameters). Configurable report export directly from the instrument via USB stick. Measuring range $\mu\text{m} \pm 2500$. Resolution $\mu\text{m} 0.0001$. Cut-off length 0.08 / 0.25 / 0.8 / 2.5 / 8. Number of cut-offs selectable from 1 to 20 (for 8mm cut-off 1 to 6). Maximum scanning range 60.

PARAMETERS

ISO 4287-1997, ISO 12085, DIN 4768, VDA2007 | Ra, Rq, Rt, Rz, Rp, Rv, Rc, Rsk, Rku, RSm, RΔq, RΔa, Rmax, Rδc, Rmr, R_{Pc}, R_{Lo}, R_{lr}, R_{zjis}, RHSC, Pa, Pq, Pt, Pv, Pc, Psk, Pku, PSm, PΔq, Pδc, P_{Pc}, P_{Lo}, P_{lr}, PHSC, Wa, Wq, Wt, Wz, Wp, Wv, Wc, Wsk, Wku, WSm, WΔq, Wδc, W_{Pc}, W_{Lo}, W_{lr}, WHSC, Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, WDSm, WDc, WDt, R, AR, Rx, W, Aw, Wx, Wte, Rke, Rpk, Rvke, Mr1e, Mr2e, A1e, A2e.

Code	€ GR3	Descrizione
LA253RP	14.200,00	Bluetooth® Portable Rugoprobe
LA257ST2	2285,00	Motorised stand
LA257ST3	685,00	Manual stand
LA253SB	390,00	Remote control software
LA253SB1	3.300,00	Software with graphs for the LA253RP
LA257PRINT	790,00	Bluetooth printer
LA254C20	4985,00	Profilometry measurement kit comprising a sensor, stylus and 15x15 mm sample

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



LA430MANKIT

18.900,00 €

Manual laboratory profilometer +
4-axis positioning table +
45 x 45 mm calibration block



Profil H100

Profile gauge with manually adjustable column

New profilometer, simple, compact and with a wide measuring range. Manual column adjustment, automatic CNC measuring and positioning cycles. Thanks to the Profile Studio Basic software installed, ALPA PROFIL H100 is extremely easy to use for the operator. The program allows, through intuitive icons, the dimensioning of the measurable parts. Possibility to mount tables and accessories for clamping parts. Supplied with standard H31mm probe, PC complete with monitor, mouse, keyboard and analysis software PROFILE STUDIO BASIC. Positioning speed 0-10 mm/s. Measuring speed 0.2-2 mm/s.

SUPPLIED WITH: standard H32mm probe, PC COMPLETE WITH MONITOR, MOUSE, KEYBOARD AND BASIC STUDIO PROFILE ANALYSIS SOFTWARE.

Code	€ GR3	Description
LA430MAN	16.900,00	Manual laboratory profilometer
LA446M	325,00	Clamp
LA442T3	2.690,00	3-axis positioning table
LA444T4	3.240,00	4-axis positioning table
LA450TAR	1.530,00	Calibration sample 45 x 45 r3 mm

Code	LA430MAN
Measuring range X μ m	130
Z measuring range μ m	50
Res X μ m	0,5
Res Z μ m	0,2
kg	34

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



H-Master

Rockwell automatic analogue bench hardness tester

For measuring metal hardness on ROCKWELL scales. Cast-iron supporting structure. Max. test height 175 mm, depth 165 mm. Mechanical load application system using the weight method, in accordance with UNI-DIN-ASTM standards, with loads of kgf 60/100/150 for Rockwell scales A, B and C. Manual pre-loading and motorised and timed load application. Workpiece support with 1 flat table Ø 150 mm, 1 flat table Ø 55 mm and 1 table with V-prism for measuring cylindrical parts.

- STANDARD EQUIPMENT
- Diamond Cone Penetrator
 - Ball indenter Ø 1/16" Rockwell B scale
 - Specimen HRC 20-33
 - Specimen HRC 57-70
 - Specimen HRB 85-100
 - Positioning plate Ø 60 mm

Code	€ GR3	Dimensions mm	kg
LB101AR	2.900,00	550 x 185 x 755	90

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



H-Master

Digital automatic Rockwell bench hardness tester

Hardness tester for measuring hardness on metals on the ROCKWELL scales. Supporting structure in cast iron. Max. test height 175 mm, depth 165 mm. Mechanical load application system with weight method, conforming to UNI-DIN-ASTM standards with loads of kgf 60/100/150 for Rockwell scales A, B and C. Manual pre-loading and motorised and timed load application. Workpiece support equipped with 1 flat table Ø 150 mm, 1 flat table Ø 55 mm and 1 table with V-shaped prism for measuring cylindrical parts.

- STANDARD EQUIPMENT
- Diamond Cone Penetrator
 - Ball indenter Ø 1/16" Rockwell B scale
 - Specimen HRC 20-33
 - Specimen HRC 57-70
 - Specimen HRB 85-100
 - Positioning plate Ø 60 mm

Code	€ GR3	Dimensions mm	kg
LA731DR	3.900,00	550 x 185 x 755	90

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

QUICK GUIDE



Schwer

Rockwell manual analogue bench hardness tester

Hardness tester for measuring hardness on metals on the ROCKWELL scales. Supporting structure made of cast iron. Max. test height 170 mm, depth 165 mm. Hydraulic load application system with weight method, compliant with UNI-DIN-ASTM standards, with loads of kgf 60/100/150 for Rockwell scales A, B and C. Workpiece support equipped with 1 flat table Ø 150 mm, 1 flat table Ø 55 mm and 1 table with V-prism for measuring cylindrical parts.

STANDARD EQUIPMENT

- Diamond Cone Penetrator
- Ball indenter Ø 1/16" Rockwell B scale
- Replacement balls
- Specimen HRC 20-30
- Specimen HRC 60-70
- Specimen HRB 20-30

Code	€ GR3	Dimensions mm	kg
LB060AR	1.790,00	520 x 240 x 700	80

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



Schwer

Digital manual Rockwell bench hardness tester

Hardness tester for measuring the hardness of metals on the ROCKWELL scales. Supporting structure made of cast iron. Max. test height 170 mm, depth 165 mm. Hydraulic load application system with weight method, compliant with UNI-DIN-ASTM standards with loads of kgf 60/100/150 for Rockwell scales A, B and C. Readout on digital display. Workpiece support equipped with 1 flat table Ø 150 mm, 1 flat table Ø 55 mm and 1 table with V prism for measuring cylindrical parts.

STANDARD EQUIPMENT

- Diamond Cone Penetrator
- Ball indenter Ø 1/16" Rockwell B scale
- Specimen HRC 20-30
- Specimen HRC 60-70
- Specimen HRB 80-95
- Positioning plate Ø 60 mm

Code	€ GR3	Dimensions mm	kg
LA720DR	2.375,00	500 x 150 x 700	87

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



H-Master

Universal bench hardness tester

Universal bench-top hardness tester with the following features: Rockwell scales (HRA, HRB and HRC), Brinell and Vickers scales, cast iron base, maximum test height 170 mm, depth 165 mm, load application via motorised and timed mechanism, preload 10 kgf and loads of 60, 100 and 150 kgf for the Rockwell A, B and C scales, loads of 31.2–62.5–187.5 kgf for Brinell scales, loads of 30 and 100 kgf for Vickers scales, Rockwell scale reading via dial gauge, Brinell and Vickers indentation reading via built-in microscope.

STANDARD EQUIPMENT

- Diamond Cone Penetrator for Rockwell scales
- Diamond pyramid indenter for Vickers scales
- Ball indenter Ø 1/16" Rockwell B scale
- Brinell ball indenter Ø 2.5 mm
- Brinell ball indenter Ø 5 mm
- Specimen HRC 20-33

Code	€ GR3	Dimensions mm	kg
LB151AU	3.200,00	520 x 215 x 700	96

Code	€ GR3	Description
LB430TAV	495,00	Bench
LB450HRC	200,00	Rockwell diamond cone indenter
LB450HRB	130,00	Ball indenter Ø 1/16" Rockwell B



Portable ultrasonic hardness tester

The portable ultrasonic hardness tester solves the classic problem of portable rebound hardness testers (Leeb) which need components with a mass of at least approx. 5 kg to guarantee reliable hardness measurements. With this universal instrument you can either use the classic rebound probe or the ultrasonic probe for smaller components or surface hardnesses making it a very versatile instrument. The scope of delivery includes instrument, rebound probe, ultrasonic probe and hardness specimen. Up to 100 readings can be stored and 20 materials can be stored to avoid recalibration each time the instrument is used.

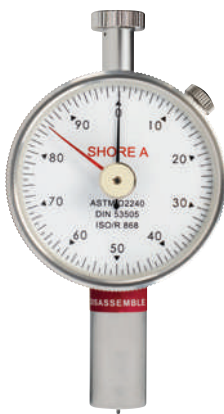
Code	€ GR3	Hardnesses
LA7562	4.900,00	HV - HB - HRC HB - HRB HRA - HSHL HLD - HL



Leeb portable rebound hardness tester

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) with Type D probe (Standard). Accuracy ± 6 HLD (HLD=800), repeatability < 6 HLD (HLD=800). Impact direction 360° manually settable. Materials: steel, cast iron, stainless steel, aluminium alloys, copper-tin alloys, brass. Minimum sample weight: 5 Kg. Display: LED backlit LCD in English. Memory 100 groups (each group includes 1-7 results and 1 average value), USB communication (Standard) with software included and 2 x 1.5V AA batteries. Standard GB/T 17394-1998, ASTM A956. Suitable for large parts and comparative measurements.

Code	€ GR1	Hardnesses
LA758D	1.390,00	HLD - HRC - HRB HB - HV - HS



NEW



Shore A/D hardness tester

Analogue hardness tester for measuring hardness on rubber, plastic, sponges and related materials. This instrument directly measures Sha and ShD hardness.

Code	€ GR1	Shore mm	Range mm	Stroke mm
LB202A	170,00	A	0 ÷ 100	0 - 2,5
LB202D	225,00	D	0 ÷ 100	0 - 2,5

Shore hardness testers

Code	€ GR1	Description
LB2253D	145,00	Shore D test specimen set 3 pieces
LB2257A	215,00	Shore A test specimen set 7 pieces

Portable carry-over meter

Measuring range 0-1250 μ m / 0-50 mm. Accuracy $\pm 1-3\%$ or $\pm 2.5 \mu$ m. Resolution 0.1 μ m / 1 μ m. Minimum area thickness 6 mm. Minimum sample thickness 0.3 mm. Portable coating thickness gauge for fast, non-destructive and accurate measurements of coatings. Thanks to its two interchangeable ferrous and non-ferrous probes supplied with the instrument, it is capable of measuring the thickness of coatings on both magnetic and non-magnetic materials.

Code 1	€ GR1	Base
LA706FNF	490,00	Ferrous / Non-ferrous

Code 1	€ GR1	Description
LA707F	115,00	Probe for ferrous coatings
LA707NF	115,00	Probe for non-ferrous coatings



Coat thickness gauge with built-in probe - SCALE 1

The Elcometer 456 is a portable instrument designed to measure the thickness of coatings (chrome plating, paint, zinc plating, rubber, etc.) on ferromagnetic or non-magnetic metals. Various models are available depending on the required features, and the instrument is equipped with either a built-in probe or an external probe.

- Measuring range up to 31mm with external probe
- IP64 protection and resistant to scratches and solvents
- Supplied with calibration gauges
- Accuracy as low as +/- 1%.



CALIBRATION SHIM SET

Code	€ GR1	Number of thicknesses	Range µm
LA563060	155,00	6	25 ÷ 1000



STANDARD REPLACEMENT PROBES

Range: 0-1500µm			
Code	€ GR1	Base	
LA544F	560,00	Ferrous	
LA544NF	690,00	Non-ferrous	
LA544FNF	950,00	Ferrous / Non-ferrous	

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

Not suitable for measurement on materials with a nichel content > 10%

WITH INTEGRAL PROBE

Range: 0-1500µm - (0-60mils) Precision: ±3%		
Code	€ GR1	Base
LA510FB	820,00	Ferrous
LA510NFB	820,00	Non-ferrous
LA510FNFB	1.295,00	Ferrous / Non-ferrous

WITH INTEGRAL PROBE AND DATA OUTPUT

Code	€ GR1	Base
LA510FS	1.045,00	Ferrous
LA510FNFS	1.735,00	Ferrous / Non-ferrous

WITH SEPARATE PROBE

Code 1	€ GR1	Base	Base
LA525FBKIT	1135,00	LA525FB + LA544F	Ferrous
LA525NFBKIT	1275,00	LA525NFB + LA544NF	Non-ferrous
LA525FNFBKIT	1720,00	LA525FNFB + LA544FNF	Ferrous / Non-ferrous

WITH SEPARATE PROBE AND DATA OUTPUT

Code 1	€ GR1	Base	Base
LA525FSKIT	1280,00	LA525FS + LA544F	Ferrous
LA525NFSKIT	1435,00	LA525NFS + LA544NF	Non-ferrous
LA525FNFSKIT	1905,00	LA525FNFS + LA544FNF	Ferrous / Non-ferrous



NEW



Ultrasonic thickness gauge

With its design and functionality, it easily and accurately measures the thickness of a wide range of materials (steel alloys, aluminium, copper, brass, PVC) up to 500 mm depending on the type of material measured and probe used. Simple to use. IP54 protection. Electronics protected from dust and splash water. Selectable resolution 0,1 mm or 0.01 mm. Built-in zeroing disk in the instrument. Supplied with standard 5 Mhz 1/4 inch probe, coupling fluid, screen protector, carrying case, batteries, manufacturer's calibration certificate (ElcoMaster software and USB cable only in LA505EEPE version).

Code	€ GR1	Accuracy
LA505EEPE	2.655,00	± 0.5 % up to 9.99 mm ± 0.5 % from 10 to 500 mm
LA505PE	1.650,00	± 0.1% up to 19.99 mm ± 0.5% 20 to 500 mm

Code 1	€ GR1	Description
LA539120	35,00	Coupling gel 120 ml
LA5391205	135,00	5 x Coupling gel 120 ml
LA5419014	765,00	90° probe Ø 14 mm

INSTALLATION AND TRAINING NOT INCLUDED

Ultrasonic thickness gauge

With its design and functionality, it easily and accurately measures the thickness of a wide range of materials (steel, iron, cast iron, plastic, aluminium, etc.). Thanks to the different measuring modes, it can also measure the thickness of materials through a coating. High-contrast backlit display. Selectable resolution: 0.1mm or 0.01mm. Measuring range: 1-300 mm. Internal memory for saving measurements. Standard 5 MHz probe with 10mm contacts diameter. Auto-off function.

Code 1	€ GR1	Range mm	Resolution mm
LA620UTG	480,00	1 ÷ 300	0,1 - 0,01



Dew point meter

This handy instrument can read surface temperature, air temperature and relative humidity at the same time. With these three values it can determine dew point, delta, wet bulb temperature and specific humidity. It is possible to set a minimum and maximum value on the various parameters, an alarm will warn the operator when these limits are exceeded. Only the T model is equipped with an internal memory that allows you to store your data via USB interface or Bluetooth with your PC using the supplied software.

Code	€ GR1	Internal probe range	Relative humidity range
LA660S	990,00	-20 ÷ 80°C°	0 ÷ 100%
LA660T	1.290,00	-20 ÷ 80°C°	0 ÷ 100%



Quadrettator for adhesion tests

The Elcometer Adhesion Tester provides an immediate assessment of the quality of adhesion to the substrate.

- Robust design
- Wide, non-slip grip
- Ideal for thin, thick or high-strength coatings
- Thanks to the ability to change blades quickly, it allows for
- adhesion testing on a wide range of coatings.

COMPLETE KIT

Code	€ GR1	Coating thickness µm
LA527KIT61	385,00	0 - 60
LA527KIT62	385,00	0 - 120

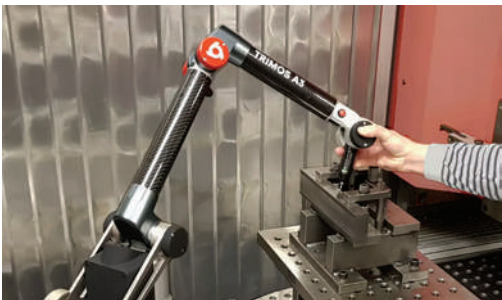
Code 1	€ GR1	Description
LA531BL61	160,00	Blades 6 x 1 mm
LA531BL62	160,00	Blade 6 x 2 mm
LA535ADT	75,00	ISO2409 adhesive strip roll



The A3 measuring arm is based on Aberlink 3D software. Designed on the basis of a simple graphical interface, Aberlink 3D can operate in 2D or 3D, on manual or CNC CMMs. The CAD module offers the possibility of comparing measured points with a mathematical model.



The new TRIMOS A3 measuring arms ensure extremely easy and precise 3D measurement. Certified according to ISO10360-2 or ISO10360-12, they allow quality control, inspection and inspection of medium and large parts.



Thanks to an extremely stable carbon structure, all models are lightweight and easy to use. The special design of these arms allows access to the measuring points around the workpiece.

3D measuring arm

Innovative, compact 6-axis measuring arm for extremely simple and precise 3D measurement. The A3 series is the most accurate range of measuring arms on the market. Its standout feature is its compact size, which allows it to be carried and used practically anywhere. The 6-axis configuration arm is available with measuring ranges of 1.3m and 1.8m. The carbon fibre tubes and aluminium mounting base give the A3 arm an extremely stable and lightweight structure. Its external counterweight ensures excellent ergonomics and manoeuvrability. The A3 measuring arms can be connected to any type of measurement software; for most workshop applications, we recommend the Aberlink 3D software. Aberlink's philosophy is to make measurement simple and effective.

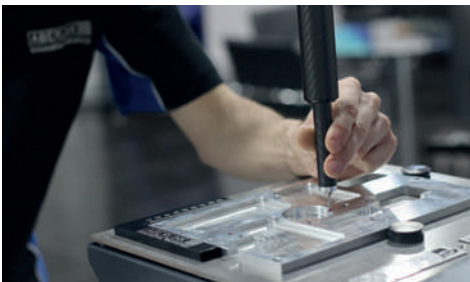
Volumetric accuracy $\mu\text{m}(5 + L/50)(4 + L/40)$.
Operating temperature $^{\circ}\text{C} 5 \div 40$.
Protection class IP54.

Code P	Measuring range mm
LA1441300	1300
LA1441800	1800

PRICE ON REQUEST



Magnetic buttons allow rapid switching between functions without using the mouse. They can be positioned anywhere on the measuring surface. It is also possible to programme these buttons to perform any function in the Aberlink software.



Magnetic jigs allow the workpiece to be clamped quickly, ensuring that all points are precisely measured.



Compact and lightweight, easy to place on the shop floor or control areas. The compact and portable design allows it to be used wherever it is needed, in production close to the machine tools, in the quality control area or at a third party.

Manual shop-floor measuring machine

Fulcrum is a revolutionary CMM which, by utilising three rotating axes, achieves a compact and portable design, allowing it to be used wherever required – in production alongside machine tools, in quality control, or at third-party facilities. It is designed to optimise inspection times and improve the production process without having to wait for feedback from final quality control, thereby avoiding production delays. The software has been made even simpler, whilst retaining the full functionality of traditional measuring machines. Following manual inspection of the part, features are immediately recognised and the measured dimensions are displayed automatically. The intuitive software, ease of use and innovative design allow even less experienced operators to quickly check the components to be measured. Intuitive buttons allow you to switch quickly between functions without using the mouse, and parts can be positioned anywhere on the measuring surface. Fulcrum will thus become the tool of choice for quick and accurate inspections.

- Accuracy μm (5.0 + L/1000).
- Line resolution μrad 1.15.
- Operating temperature $^{\circ}\text{C}$ 5 - 45.
- Optimum temperature $^{\circ}\text{C}$ 18 - 22.
- Compressed air No.
- Manual movement.

Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA145280	280 x 280 x 150	335 x 830 x 725

PRICE ON REQUEST



The C4 has 4 motorised axes (X, C, Z, P), enabling high-performance 3D measurements. Its special point-taking module, equipped with a vertical and horizontal stylus, greatly increases the measurement possibilities.



Designed on the basis of a simple graphical interface, Aberlink 3D can operate in 2D or 3D, on manual or CNC CMMs. The CAD module offers the possibility of comparing measured points with a mathematical model.



At only 13.5 kg, the C4 CNC accompanies you wherever you need it. No more need to bring parts to the CMM, the TRIMOS C4 can be implemented directly in production.

C4

Portable CMM measuring machine

The first truly portable co-ordinate measuring machine; compact and robust, designed for the workshop. Can be integrated directly into the production process.
The C4 features 4 motorised axes. X, C, Z and P, enabling high-performance 3D measurements. The C4 measuring machine can be connected to any type of measurement software; for most workshop applications we recommend Aberlink 3D software. Aberlink's philosophy is to make measurement simple and effective.
Connectivity to a PC via an Ethernet cable or Wi-Fi transmitter (optional).

Measuring range: X+Y = Ø700 mm, Z 250 mm.
Resolution: 0.001 mm.
Accuracy: 5 µm (partial range), 8 µm (full range).
Manual measuring speed 150 mm/s.
Battery operating time: 3-4 hours.
Integrated temperature compensation system.
Renishaw TP20 probe included.
Dimensions: 420 x 172 x 620 mm.
Weight: 13.6 kg.

Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA860C4E	270 x 270 x 250	420 x 172 x 620
LA860C4W	270 x 270 x 250	420 x 172 x 620

PRICE ON REQUEST



**BRUSHLESS
MOTOR SYSTEM**

**MAXIMUM
SIMPLICITY**

**CONTROLLO
CONTINUO**

**CONTROL
CONTINUOUS**

**EXPEDITED
PROCESSES**

THE 3D CNC MACHINE THAT MAKES **MEASUREMENT EASY**

Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA138370	Ø370 x 270	730 x 715 x 2000
LA138520	Ø520 x 300	990 x 950 x 2200

DESCRIPTION

CNC 3D measuring machine with special design and delta motion. Maximum performance even in the most extreme production environments. Integrated temperature control with 5 sensors. Operation without compressed air supply. Easy positioning, thanks to its small footprint, close to machines on the shop floor and on production lines, even in automation, in all weather conditions. Precise and easy to use. Minimises inspection time ensuring maximum efficiency on in-line measuring operations.

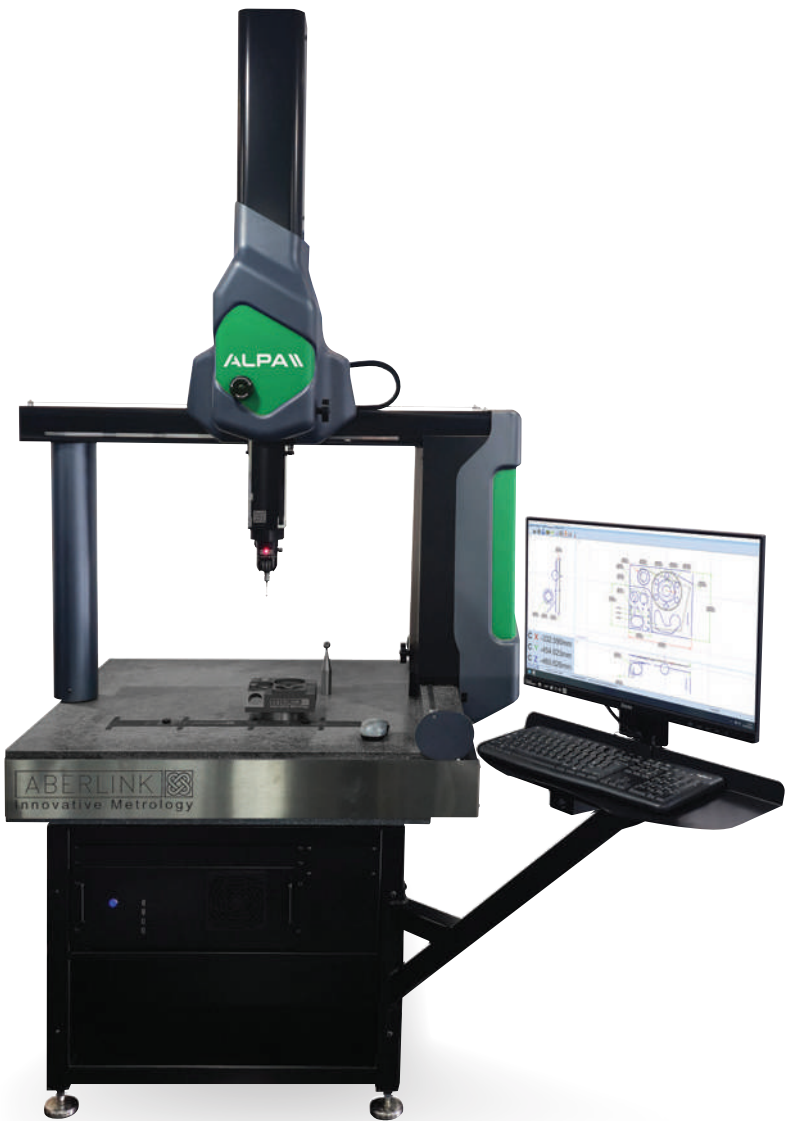
FEATURES

Accuracy ± 0.02 mm.
Resolution 0.01 mm.
IP67 protection.
Swiss-made electronics protected against dust and brief immersion in water.
Automatic switch-off after 10 minutes of inactivity.
Hardened stainless steel construction.
Slider with locking screw.
Easy to use thanks to its ergonomic design.

FUNCTIONS

- Preset
- Zero
- ABS
- Sleep
- Hold
- mm/inch

PRICE ON REQUEST



The revolutionary, easy-to-use Aberlink measuring software allows even inexperienced operators to use the machine. The training time is shorter than any similar system: 1 day even for those with no previous experience with CMMs.



Sliding on air bearings and movement by means of knobs. Oversized frictionless air bearings, all-aluminium bridge and granite table.



Measurement volume that allows the inspection of even medium to large workpieces. With a larger measurement volume and a smaller overall footprint than any shop-floor CMM of comparable size, it can be placed in smaller inspection chambers.

Axiom

Manual 3D measuring machine

Thanks to state-of-the-art technology in development and construction, ALPA TRUST ST coordinate measuring machines guarantee speed, precision and reliability for all types of measurement and can be used with contact, scanning or camera probes. The aerospace-grade alloy construction ensures excellent performance in terms of speed during programme execution. Using the innovative Aberlink 3D software, temperature compensation can be programmed according to the workpiece material, making ALPA TRUST ST machines ideal for workshop use as well. The CNC machine axes are moved using an intuitive joystick for fast and reliable measurements.

Accuracy μm TP8 ($2.4 + 0.4L/100$).
Accuracy μm TP20 ($2.1 + 0.4L/100$).
Line resolution μm 01.
Optimum temperature $^{\circ}\text{C}$ 18-22.
Operating temperature $^{\circ}\text{C}$ 5-45.
Honeycomb granite or Solid (optional).
Load kg 300 (honeycomb), kg 500 (solid).
Compressed Air 7 bar (100psi) / 100 l/min (3.53cfm).
Manual movement with micrometric knobs and Kevlar belts.

MANUAL

Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA140600	640 x 600 x 500	1130 x 900 x 2320
LA140900	640 x 900 x 500	1130 x 1200 x 2320
LA1401200	640 x 1200 x 500	1130 x 1500 x 2320

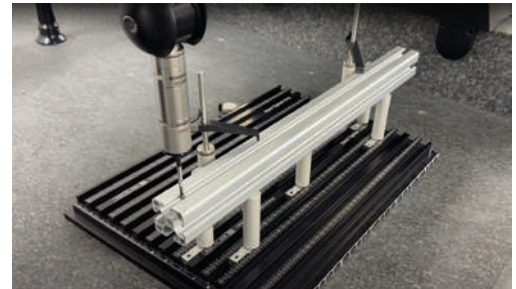
CNC

Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA150600	640 x 600 x 500	1040 x 900 x 2320
LA150900	640 x 900 x 500	1040 x 1200 x 2320
LA1501200	640 x 1200 x 500	1040 x 1500 x 2320

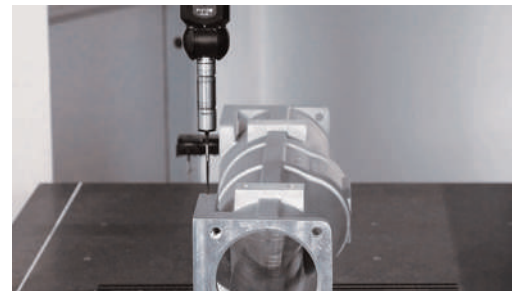
PRICE ON REQUEST



The revolutionary, easy-to-use Aberlink measuring software allows even inexperienced operators to use the machine. The training time is shorter than any similar system: 1 day even for those with no previous experience with CMMs.



Horizon is an exceptional machine with fast, smooth and silent movements, ideal for touch-trigger scanning and an initial accuracy of less than two microns.



Linear motors are non-contact and therefore have no wear parts, making them the perfect solution for CMM drives, improving reliability and reducing maintenance.

Horizon

Automatic 3D measuring machine with linear motors

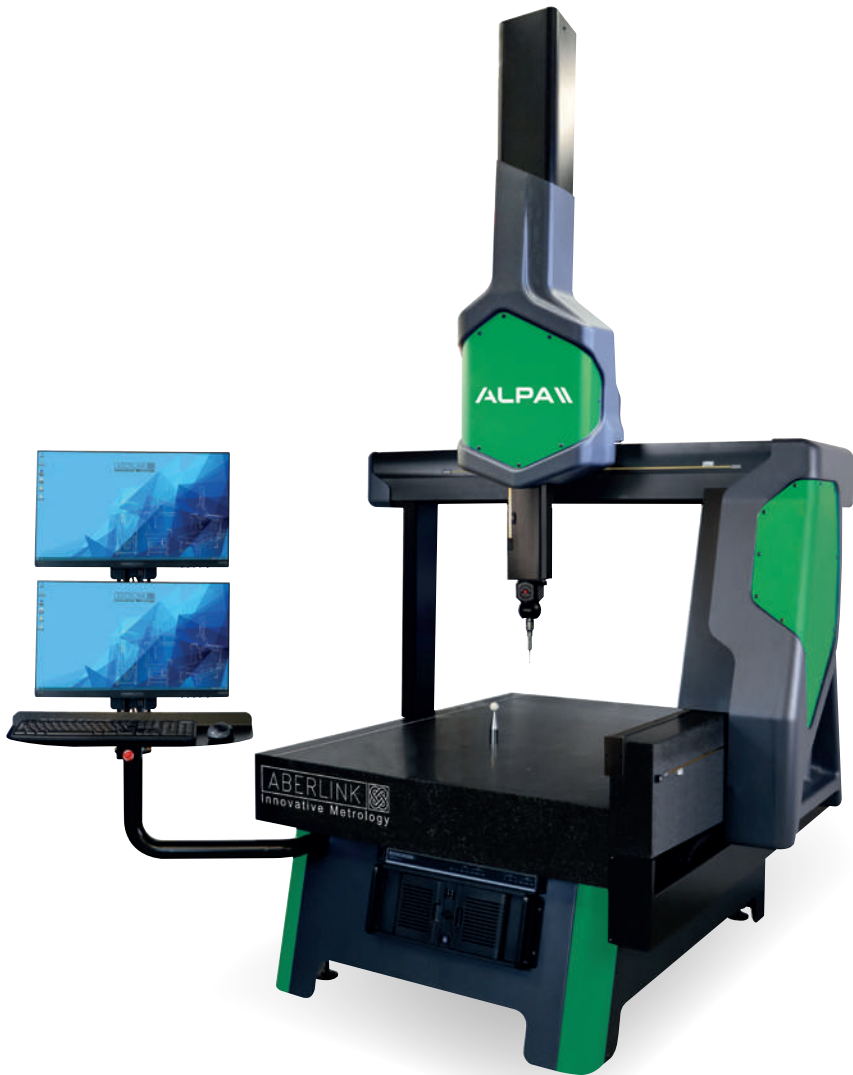
Alpa Trust LS machines represent the pinnacle of technological innovation in the field of three-dimensional measurement. The unique linear motor drive system ensures faster movement and greater measurement accuracy. The new dimensions of the measuring gantry provide excellent versatility whilst maintaining a very compact overall footprint.

Accuracy μm TP20 (1.8 + L/350).
 Accuracy μm TP200 (1.7 + L/350).
 Accuracy μm SP25M (1.5 + L/350).
 Resolution μm 0.1.
 Optimum Temperature $^{\circ}\text{C}$ 18-22.
 Operating Temperature $^{\circ}\text{C}$ 5-45.
 Granite Tabletop.
 Load Capacity kg 1000.
 Max. Displacement Speed mm/sec 1000.
 Acceleration mm/s^2 1000.
 Compressed Air 7 bar (100 psi) - 100 l/min (3.53 cfm).
 Linear Motor Motion.

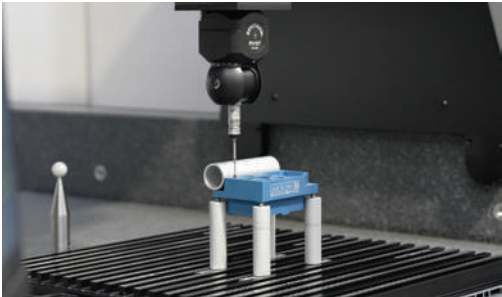
Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA1551000	800 x 1000 x 600	1403 x 1530 x 2700
LA1551200	1000 x 1200 x 800	1603 x 1830 x 3110
LA1551600	800 x 1600 x 600	1403 x 2130 x 2700
LA1552000	1000 x 2000 x 800	1603 x 2630 x 3160

PRICE ON REQUEST

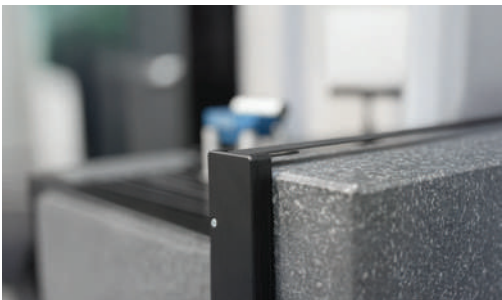
NEW



The revolutionary, easy-to-use Aberlink measuring software allows even inexperienced operators to use the machine. The training time is shorter than any similar system: 1 day even for those with no previous experience with CMMs.



The Halo CNC CMM is an exceptional machine with fast and fluid movements, ideal for even large workpieces.



The Halo belt drive system is an evolution of the popular Axiom CMM range. It offers an economical, repeatable and robust drive system suitable for medium-sized measuring tasks.

Halo

Automatic 3D measuring machine

The Halo CNC CMM features the same structural design as our most precise CMM, the Horizon. The Halo is a medium-sized CMM which, unlike the Horizon, uses a belt drive system for the movement of the X-Y-Z axes. It is a machine with fast and smooth movements, ideal for contact scanning with an accuracy better than 1.8 microns! The price is also extremely competitive compared to other international CMM brands, in addition to its unrivalled reliability and durability.

- Accuracy μm TP20 (2.1 + 0.4 L/100).
- Accuracy μm TP200 (2.0 + 0.4 L/100).
- Accuracy μm SP25M (1.8 + 0.4 L/100).
- Line resolution μm 01.
- Operating temperature $^{\circ}\text{C}$ 5 - 45.
- Max. travel speed mm/s 1000.
- Acceleration mm/s² 1000.
- Air consumption l/min - (cfm) 100 - (3.53).
- Pressure bar - (psi) 7 - (100).
- Load capacity kg 1000.
- Movement Belt drive and Brushless motor.

Code P	Axis travel X - Y - Z mm	Dimensions X - Y - Z mm
LA1611000HA	800 x 1000 x 600	1403 x 1530 x 2503
LA1611600HA	800 x 1600 x 600	1403 x 2130 x 2503
LA1611200HA	1000 x 1200 x 800	1603 x 1830 x 2987
LA1612000HA	1000 x 2000 x 800	1603 x 2630 x 3037

PRICE ON REQUEST

NEW

sylvac



The dynamic LED indicator and the intuitive Reflex SCAN+ concept provide real-time feedback on the status of the measured part (GO/NG) and operator messages. No pre-programming is required, just a simple touch-button solution.



The REFLEX-Click mode recognises and analyses components automatically at the push of a button: the software scans the component and chooses the right measuring programme from the database of saved programmes; if no programme is present then it automatically measures all the main dimensions of the part.



It features a precision sliding head with integrated and protected calibration master, as well as a quick and easy accessory exchange system.

SCAN S25

Linear scanning measuring machine

Linear scanning optical measuring machine for cylindrical small parts with a measuring range from Ø 0.2 mm to Ø 26 mm and lengths up to 200 mm. The system performs inspection of turned parts and rotating components for the automotive, aerospace and dental sectors in a matter of seconds. It integrates advanced technologies for optical analysis of external threads. Measuring ranges from 0.2 to 26 mm in diameter and 200 mm in length, with a resolution of 0.0001 mm and a load capacity of 3 kg. Certified accuracies are $(0.9+D/100) \mu\text{m}$ on diameter and $(2.5+L/200) \mu\text{m}$ on length. The system guarantees a repeatability of 0.5 μm for diameter and 0.8 μm for length.

Measuring range: Ø 0.2-26 mm.

L. 200 mm.

Resolution: 0.0001 mm.

Accuracy: Ø $(0.9+D/100) \mu\text{m}$.

L. $(2.5+L/200) \mu\text{m}$.

Repeatability: Ø 0.5 μm .

L. 0.8 μm .

Load: 3 kg.

Code P	Dimensions X - Y - Z mm	Version
LA870S25	460 x 544 x 590	Without tilting axis
LA870S25T	460 x 544 x 590	Tilting axis

PRICE ON REQUEST

NEW

 sylvac



SCAN S65

Dynamic vertical optical measuring machine

Diameter resolution 0.0001 mm. Length resolution 0.0001 mm. Diameter accuracy $(1 + D[mm]/100) \mu m$. Length accuracy $(3 + L[mm]/200) \mu m$. Diameter repeatability 0.5 μm . Length repeatability <1 μm . Axial movement speed up to 160 mm/s. Maximum workpiece weight 60 kg. Machine weight 420 kg. Intuitive operator interface with 8-inch touchscreen. State-of-the-art optical and imaging technology for static and dynamic measurements. Dynamic LED lighting for clear feedback. Integrated calibration master with temperature sensors. Retractable roof to facilitate top-loading of heavy components. Rotating spindle for dynamic measurements. Reflex SCAN+ function for instant measurements without programming. Supplied complete with PC and software, ready for automation

Code P	Model	Max. workpiece Ø mm	Max. piece length mm	Tilting axis
LA875S65	S65	65	350	-
LA875S65L	S65L	65	700	-
LA875S65T	S65T	65	350	✓
LA875S65LT	S65LT	65	700	✓

PRICE ON REQUEST

NEW

sylvac



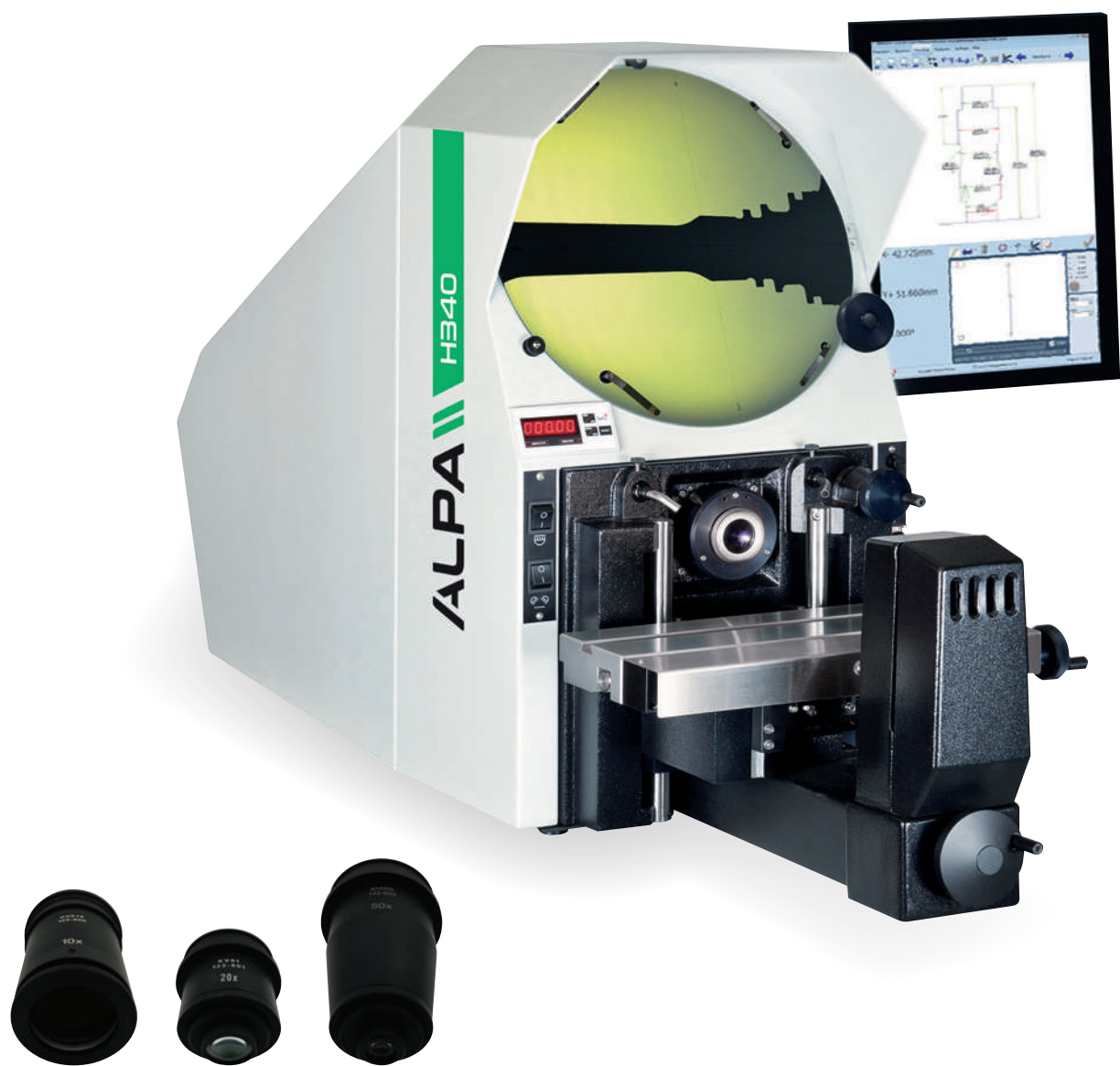
SCAN S145

Optical measuring machine with 3D probe

Diameter resolution 0.0001 mm. Length resolution 0.0001 mm. Diameter accuracy $(1.5 + D/100) \mu\text{m}$. Length accuracy $(4 + L/100) \mu\text{m}$. Diameter repeatability 0.5 μm . Length repeatability 1.0 μm . Clamping capacity up to $\varnothing 145$ mm. Axial positioning speed up to 160 mm/s. Rotary axis speed up to 360°/s. Maximum workpiece weight 100 kg. Optional: The Sylvac SCAN S145 with 3D probe is designed for measuring medium to large cylindrical parts. Integration of the Renishaw SP25M probe allows measurement of optically invisible features such as blind holes and slots. Multi-sensor solution combining optical and tactile measurements in one system. Easy programming with intuitive functions and dedicated toolbar for the 3D probe. Full scan for form measurement. Interchangeable styli for better access to parts. Automated probe qualification routine. Typical measurements size and position of holes and slots, roundness, radial and axial eccentricity

Code P	Model	Max. piece length mm	Probe measurement volume mm	kg
LA880S145	S145	615	PX 615 / PY +60 ÷ -40 / PZ +130 ÷ -15	550
LA880S145L	S145L	1230	PX 1230 / PY +60 ÷ -40 / PZ +130 ÷ -15	670
LA880S145XL	S145XL	1800	PX 1230 / PY +60 ÷ -40 / PZ +130 ÷ -15	797

PRICE ON REQUEST



H340

Horizontal profile projector

ALPA PROFIL H340 is a horizontal profile projector suitable for inspecting small and medium-sized components. Thanks to its spacious working area and the option to disable diascope illumination, it is also recommended for episcopic inspection of milling cutters and long objects. Lens not included.

FT2-E version (with LA026FT2 display unit)
Integrated measuring system featuring touch-screen technology with an optical sensor for automatic profile capture. Thanks to the 2D Fusion software, measurements can be taken quickly and easily. Inspections can be automatically repeated using the same parameters set previously.

- Measuring range: 175 x 100 mm
- Work surface: 325 x 100 mm
- Rotating screen: 340 mm
- Maximum load: 10 kg
- Line resolution: 0.0005 mm
- Lighting: 12V 100W tungsten halogen lamps

Code	€ GR3	Description
LA020FT	14.915,00	Horizontal profile projector
LA026FT2	4.816,00	FT2-E viewer

Code	€ GR3	Model
LA02510	1.320,00	x 10
LA02520	1.040,00	x 20
LA02550	1.950,00	x 50



Horizontal profile projector

Versatile, precise and easy to use. It features a 3-axis visualiser (x, y, angles) and geometric processor for calculating radii, diameters, angles and centre distances. Clear, sharp images for measuring complex parts.

Measuring range mm 200 x 100
Working plane mm 400 x 150
Screen mm 300
Line resolution 0.5 μ m
10x objective included

Code	€ GR3	Description
LA076HP	11.900,00	Horizontal profile projector

Code	€ GR3	Model
LA07710	765,00	x 10
LA07750	711,00	x 10
LA077100	698,00	x 20



V300

Vertical profile projector

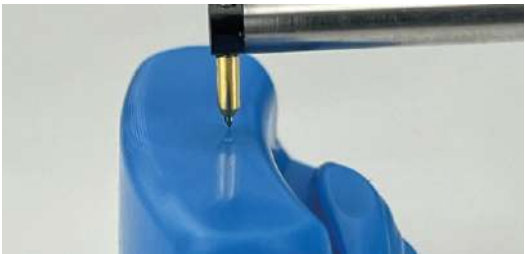
The ALPA PROFIL V300 vertical profile projector is versatile, precise and easy to use. Equipped with a quick handling release, 3-axis display (x, y, angles) and geometric processor for calculating radii, diameters, angles and centre distances. Clear, sharp images for measuring complex parts up to 43 mm in height and 15 kg in weight. Perfect profile and surface illumination by prism and semi-reflective mirror. 10x objective included.

- Measuring range mm 150 x 50
- Work surface mm 340 x 152
- Screen mm 196 x 96
- Image straightened, inverted
- Manual displacement
- Halogen lamp illumination
- Magnification error max. 3.0+L/50
- Accuracy µm 0.5

Code	€ GR3	Description
LA050VP	7.900,00	Vertical profile projector

Code	€ GR3	Model
LA05510	663,00	x 10
LA05520	688,00	x 20
LA05550	845,00	x 50
LA055100	829,00	x 100

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED

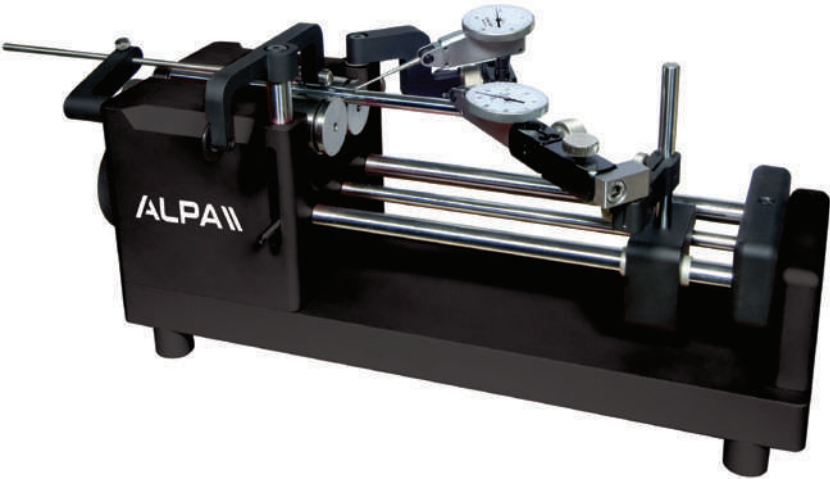


Silicone resin case

This resin creates an extremely precise replica (+/-1µm) of internal or difficult-to-access parts, allowing them to be measured with optical or contact systems. Non-destructive process, no need to section parts. Also suitable for very large parts that are difficult to handle. Also useful for measuring roughness with P80Ra resin and the surface structure of materials with F30Visual. Dimensional stability. Maximum profile hold. Micron accuracy. Form memory. No residue on parts. Low environmental impact

Code	€	Description
LA0271ML050	GR3 600,00	Complete
LA0271ML040	760,00	Standard

ASSEMBLY, FITTING AND TRAINING NOT INCLUDED



Concentricity and roundness test bench

Light-alloy housing. Hardened steel rotors. 3 movable dial indicator holders. Handwheel. Flat belt drive. Supplied with ABS case. Dial indicators to be ordered separately.

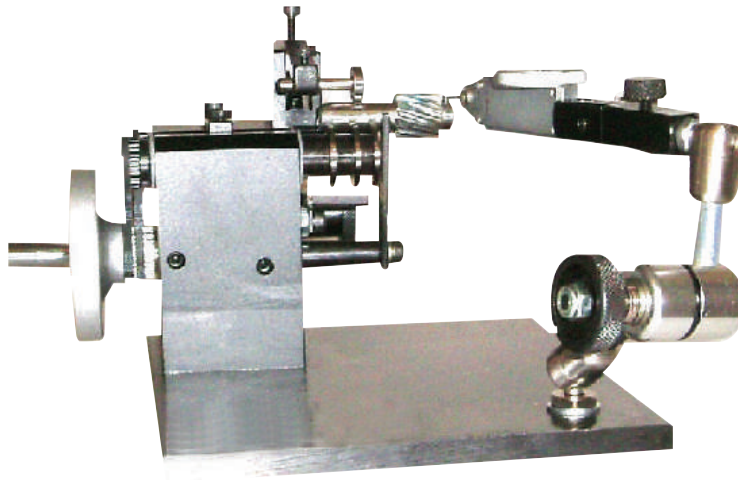
Code	€ GR1	Range mm	Accuracy mm	A x B mm	Weight
CT010100	4.950,00	10 ÷ 100	± 0,002	140 x 350	12
CT01050	3.610,00	1,5 ÷ 50	± 0,002	140 x 350	8,5



Control table

An instrument for comparative measuring of internal and external. Ideal for checking workpieces in series. Light alloy body. Hardened stainless steel top. Interchangeable tips. Internal/external preload. Suitable for measuring workpieces with parallel surfaces cylindrical or conical surfaces (such as shafts, through-holes and blind holes, short shoulders, slots and wall thicknesses). Checks gear diameters and detects roundness, concentricity and coaxiality errors. Supplied with a pair of support brackets, 0.01 mm dial indicator and ABS case.

Code	€ GR1	Range mm	Repeatability mm	A x B mm	Weight
CT020200	3.145,00	0 ÷ 200	± 0,001	255 x 150	6,3
CT020330	4.880,00	0 ÷ 330	± 0,001	406 x 180	7,1



Measuring benches for checking coaxiality

Coaxiality inspection tools are particularly suitable for measuring individual objects.

An articulated arm with a mount for dial indicators or other measuring instruments can be adjusted to various measuring points. The instrument is mounted on a solid base. The workpiece is rotated smoothly between three rollers with a coaxiality accuracy of 0.002 mm. Object diameters 0.5–25 mm.

Code	€	Range mm
70.49401	GR1 450,00	1,5 ÷ 25
70.49402	620,00	0,5 ÷ 10

INCLUDING THE COMPARATOR HOLDER



Digital dynamometer

An instrument used to measure weight force, both in tension and compression. Digital models in particular support different scales and are equipped with dedicated software and connection cable to interface with PCs. The areas of use are many, from quality control in basic production to the maintenance of safety equipment such as fire extinguishers and panic bars.

Code	€	Capacity N	Resolution N
LA81510	GR1 670,00	10	0,01
LA815100	670,00	100	0,1
LA8151000	670,00	1000	1
LA81550	670,00	50	0,01
LA815500	670,00	500	0,1

OUR CALIBRATION SERVICE



00275

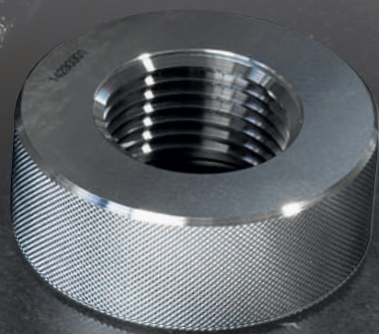
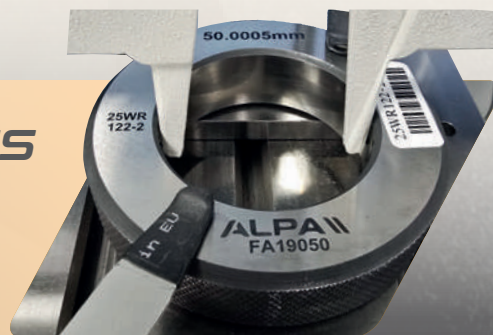
UTENSIL LINE, part of the A+B Group, operates an ACCREDIA-accredited calibration laboratory (No. 00275) specialising in length, torque and hardness measurements. This enables the company to calibrate new measuring instruments or those requiring periodic re-calibration, issuing calibration reports and ACCREDIA calibration certificates.



*PERFORMANCE TESTED
FROM THE VERY
FIRST USE*



*ELIMINATION OF DISPUTES
REGARDING PRODUCTS
PROCESSED*



00275

AREAS OF ACCREDITATION



Lengths and plane angle

	Accredia		RDT	
	Lab	On-site	Lab	On-site
Parallel blocks	✓	-	✓	-
Thickness gauges made of PVC	✓	-	✓	-
or other materials	✓	-	✓	-
Smooth and threaded rings	✓	-	✓	-
Smooth and threaded plugs	✓	-	✓	-
Smooth and threaded forks	✓	-	✓	-
Calibrated pins	✓	-	✓	-
Calibration spheres	✓	✓	✓	✓
Bore gauges	✓	✓	✓	✓
Slide gauges	✓	✓	✓	✓
Altimeters and Truschini gauges	✓	✓	✓	✓
Reference surfaces	✓	-	✓	-
Thickness gauges	✓	-	✓	-
Protractors	-	-	✓	-
Rotary tables and Barraseno tables	✓	-	✓	-
Graduated rulers, flexible tape measures and measuring tapes	✓	-	✓	-
Laser distance metres	✓	-	✓	-
Square and cylinder gauges	✓	-	✓	-
Knife-edge level indicators	✓	✓	✓	✓
Digital optical rulers	✓	✓	✓	✓
Ultrasonic thickness gauges and roughness meters	✓	✓	✓	✓
Comparatori	✓	✓	✓	✓
Tastatori a leva	✓	✓	✓	✓
Micrometri per esterni, interni e di profondità	✓	✓	✓	✓
Spessimetri	✓	✓	✓	✓
Aste calibrate	✓	-	✓	-
Blocchetti angolari	✓	-	✓	-
Blocchi prismatici	✓	-	✓	-
Livelle e inclinometri	✓	-	✓	-
Campioni di taratura per Rotondimetri	-	-	✓	-
Campioni di taratura per Rugosimetri	-	-	✓	-
Campioni di taratura per Profilometri	-	-	✓	-



00275

*The coloured boxes indicate the scope of the accreditation.



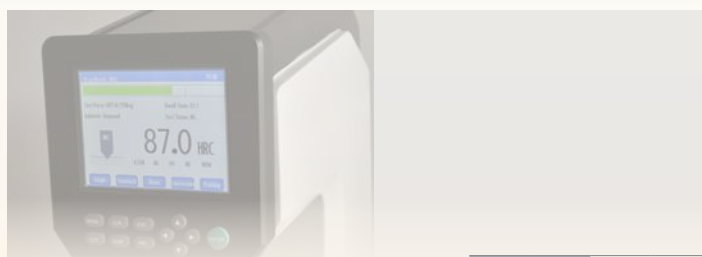
Temperatures and pressures

	Accredia		RDT	
	Lab	On-site	Lab	On-site
Thermometers	-	-	✓	✓
Environmental data loggers	-	-	✓	✓
Thermo-hygrometers	-	-	✓	✓
Thermo-hygrographs	-	-	✓	✓
Pressure gauges	-	-	✓	✓
Pressure transducers	-	-	✓	✓
Climate chambers and ovens	-	-	✓	✓



Forces, torque and angle

	Accredia		RDT	
	Lab	On-site	Lab	On-site
Torque wrenches and torque screwdrivers (torque and angle)	✓	✓	✓	✓
Torque meters	-	-	✓	✓
Load cells	-	-	✓	✓
Mass standards and weights	-	-	✓	✓
Scales	-	-	✓	✓
Torsion cells	-	-	✓	✓
Angular encoders	✓	-	✓	-



Hardness testers, profile projectors and uniaxial machines

	Accredia		RDT	
	Lab	On-site	Lab	On-site
Rockwell hardness testers	✓	✓	✓	✓
Brinell hardness testers	✓	✓	✓	✓
Vickers and Knoop hardness testers	✓	✓	✓	✓
SHORE, LEEB and UCI hardness testers	✓	-	✓	-
Hardness test specimens	-	-	✓	-
Force testing machines	-	-	✓	✓
Presetting for machine tools	✓	✓	✓	✓
Profile projectors	✓	✓	✓	✓
Manual and CNC optical machines	✓	✓	✓	✓
Measuring microscopes	✓	✓	✓	✓



BORE GAUGES - CALIBRATION REPORT

DESCRIPTION	Price €
Single bore gauge	40,00

BORE GAUGES - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Single bore gauge	95,00

N.B. The bore gauge is calibrated in combination with the laboratory reader.
The dial gauge is to be considered separately.



SETTING RODS - CALIBRATION REPORT

DESCRIPTION	Price €
From 0 to 100 mm	20,00
From 125 to 300 mm	42,00
From 301 to 600 mm	75,00
From 601 to 1000 mm	130,00
From 1501 to 2000 mm	350,00
From 2001 to 5000 mm	450,00

SETTING RODS - ACCREDIA CALIBRATION CERTIFICATE

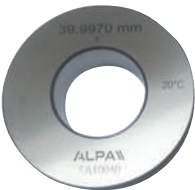
DESCRIPTION	Price €
From 0 to 100 mm	50,00
From 125 to 300 mm	90,00
From 301 to 600 mm	125,00
From 601 to 1500 mm	250,00

ALTIMETERS AND SURFACE GAUGES - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 300 mm	110,00
Up to 600 mm	165,00
Up to 800 mm	205,00
Up to 1000 mm	220,00
Up to 1500 mm	285,00
Master block for exteriors or fork for interiors	70,00
Master for interiors and exteriors	140,00

ALTIMETERS AND SURFACE GAUGES - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Up to 300 mm	165,00
Up to 600 mm	210,00
Up to 800 mm	290,00
Up to 1000 mm	310,00
Master block for exteriors or fork for interiors	110,00
Master for interiors and exteriors	220,00



RESET RING
CALIBRATION REPORT

DESCRIPTION	Price €
From 0.5 to 1.99 mm	90,00
From 2 to 4.99 mm	50,00
From 5 to 50 mm	16,00
Over 50 to 100 mm	26,00
Over 100 to 200 mm	35,00
Over 200 to 300 mm	46,00

RESET RING
ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
From 0.5 to 1.99 mm	130,00
From 2 to 4.99 mm	80,00
From 5 to 50 mm	50,00
Over 50 to 100 mm	55,00
Over 100 to 200 mm	70,00
Over 200 to 300 mm	100,00



GO/NO GO THREADED RINGS
CALIBRATION REPORT
CYLINDRICAL THREAD

DESCRIPTION	Price €
Low to 2 mm	48,00
Over 3 to 50 mm	20,00
Over 50 to 100 mm	32,00
Over 100 to 200 mm	60,00

GO/NO GO THREADED RINGS
ACCREDIA CALIBRATION CERTIFICATE
CYLINDRICAL THREAD

DESCRIPTION	Price €
Low to 2 mm	105,00
Over 3 to 50 mm	65,00
Over 50 to 100 mm	70,00
Over 100 to 200 mm	100,00

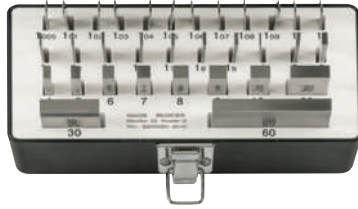


CONICAL THREADED RINGS
CALIBRATION REPORT

DESCRIPTION	Price €
1/8" to 1"	40,00

CONICAL THREADED RINGS
ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
1/8" to 1"	225,00



FLAT-PARALLEL BLOCKS UP TO 100 mm - CALIBRATION REPORT

DESCRIPTION	Price €
Single block	25,00
From 2 to 9 pcs.	18,00
Over 9 pcs.	13,00
Set of 10 pcs.	65,00
Set of 32 pcs.	215,00
Set of 47 pcs.	265,00
Set of 87 pcs.	480,00
Set of 103 pcs.	540,00
Set of 112 pcs.	590,00
Set of 122 pcs.	640,00

Measurement of deviation at centre: 1 point in the centre of the measuring faces

FLAT-PARALLEL BLOCKS UP TO 100 mm - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Single block	37,00
From 2 to 9 pcs.	26,00
Over 9 pcs.	20,00
Set of 10 pcs.	80,00
Set of 32 pcs.	260,00
Set of 47 pcs.	370,00
Set of 87 pcs.	650,00
Set of 103 pcs.	750,00
Set of 112 pcs.	800,00
Set of 122 pcs.	850,00

Measurement of deviation at centre: 1 point in the centre of the measuring faces

Measurement of change in length: an additional 4 points at the vertices of the measuring faces



BLOCKS OVER 100 mm LONG - CALIBRATION REPORT

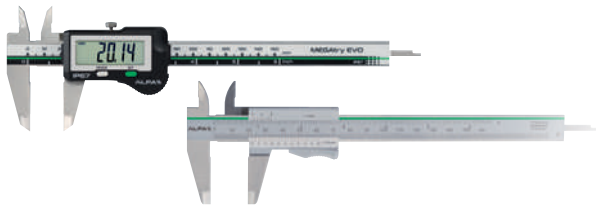
DESCRIPTION	Price €
Single block from 100 to 300 mm	70,00
Single block from 300 to 600 mm	95,00
Single block from 600 to 1000 mm	220,00
Set of 8 blocks from 125 to 600 mm	700,00

Measurement of deviation at centre: 1 point in the centre of the measuring faces

BLOCKS OVER 100 mm LONG - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Single block from 100 to 300 mm	125,00
Single block from 300 to 600 mm	145,00
Single block from 600 to 800 mm	320,00
Single block from 800 to 1000 mm	320,00
Set of 8 blocks from 125 to 600 mm	800,00

Measurement of deviation at centre: 1 point in the centre of the measuring faces

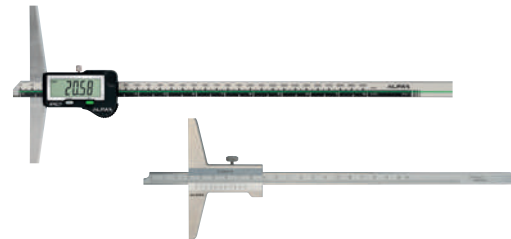


SLIDE CALIPERS - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 150 mm	28,00
Up to 200 mm	32,00
Up to 300 mm	48,00
Up to 500 mm	85,00
Up to 800 mm	100,00
Up to 1000 mm	120,00
Up to 2000 mm	180,00
Up to 5000 mm	230,00

SLIDE CALIPERS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Up to 150 mm	60,00
Up to 200 mm	65,00
Up to 300 mm	95,00
Up to 500 mm	115,00
Up to 800 mm	155,00
Up to 1000 mm	190,00
Up to 2000 mm	250,00
Up to 5000 mm	350,00



DEPTH CALIPERS - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 150 mm	28,00
Up to 200 mm	32,00
Up to 300 mm	48,00
Up to 500 mm	85,00
Up to 800 mm	100,00
Up to 1000 mm	120,00

DEPTH CALIPERS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Up to 150 mm	60,00
Up to 200 mm	65,00
Up to 300 mm	95,00
Up to 500 mm	115,00
Up to 800 mm	155,00
Up to 1000 mm	190,00

HARDNESS TESTER - CALIBRATION REPORT

DESCRIPTION	Price €
INDIRECT verification for 1 scale	upon request
INDIRECT verification - Scale in addition to the first one	upon request

N.B. The cost for on-site technical assistance is not included.

HARDNESS TESTER - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
DIRECT and/or INDIRECT verification for 1 scale	upon request
DIRECT and/or INDIRECT verification - Scale in addition to the first one	upon request

N.B. The cost for on-site technical assistance is not included.



PORTABLE HARDNESS TESTERS - CALIBRATION REPORT

DESCRIPTION	Price €
Hardness testers for Shore rubber	160,00
LEEB portable rebound hardness testers	150,00
Ultrasonic hardness testers UCI	160,00

PORTABLE HARDNESS TESTERS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Hardness testers for Shore rubber	200,00
LEEB portable rebound hardness testers	250,00
Ultrasonic hardness testers UCI	280,00



DIAL GAUGES - CALIBRATION REPORT

DESCRIPTION	Price €
Travel of up to 12.5 mm	29,00
Travel of up to 30 mm	32,00
Travel of up to 50 mm	40,00
Travel of up to 100 mm	45,00

DIAL GAUGES - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Travel of up to 12.5 mm	65,00
Travel of up to 30 mm	70,00
Travel of up to 50 mm	80,00
Travel of up to 100 mm	85,00

MICROMETERS FOR EXTERNAL MEASUREMENTS - CALIBRATION REPORT

DESCRIPTION	Price €
From 0 to 25 mm	33,00
From 25 to 50 mm	38,00
From 50 to 75 mm	39,00
From 75 to 100 mm	42,00
From 100 to 200 mm	58,00
From 200 to 300 mm	90,00
From 300 to 400 mm	100,00

The prices shown above refer to the calibration of the micrometers only and do not include any setting rods.

MICROMETERS FOR EXTERNAL MEASUREMENTS ACCREDIA CALIBRATION CERTIFICATE

DESCRIZIONE	Price €
From 0 to 25 mm	70,00
From 25 to 50 mm	90,00
From 50 to 75 mm	100,00
From 75 to 100 mm	110,00
From 100 to 200 mm	120,00
From 200 to 300 mm	140,00
From 300 to 600 mm	160,00
From 600 to 1000 mm	250,00

The prices shown above refer to the calibration of the micrometers only and do not include any setting rods.



MICROMETER FOR INTERNAL MEASUREMENTS WITH MODULAR RODS - CALIBRATION REPORT

DESCRIPTION	Price €
Vernier measuring head	48,00
Extension up to 100 mm	22,00
Extension from 110 to 150 mm	28,00
Extension from 200 to 500 mm	33,00

Laser marking for each item: €4.

MICROMETER FOR INTERNAL MEASUREMENTS WITH MODULAR RODS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Vernier measuring head	100,00
Extension up to 100 mm	35,00
Extension from 110 to 150 mm	45,00
Extension from 200 to 500 mm	55,00

Laser marking for each item: €4.



INSPECTION PLATE - CALIBRATION REPORT

DESCRIPTION	Prezzo €
Up to 630 x 400 mm	145,00
Up to 800 x 500 mm	165,00
Up to 1000 x 630 mm	180,00
Up to 1200 x 800 mm	230,00
Up to 1600 x 1000 mm	255,00
Up to 2000 x 1000 mm	310,00

N.B. The cost for on-site technical assistance is not included.

INSPECTION PLATE - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Prezzo €
Up to 630 x 400 mm	330,00
Up to 800 x 500 mm	370,00
Up to 1000 x 630 mm	410,00
Up to 1200 x 800 mm	530,00
Up to 1600 x 1000 mm	600,00
Up to 2000 x 1000 mm	700,00

N.B. The cost for on-site technical assistance is not included.



PRISMS - CALIBRATION REPORT

DESCRIPTION	Prezzo €
Parallel prisms in pairs up to 200 mm	140,00

PRISMS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Prezzo €
Parallel prisms in pairs up to 200 mm	180,00

CALIBRATED PINS - CALIBRATION REPORT

DESCRIPTION	Price €
From 1 to 5 pcs.	20,00
From 6 to 19 pcs.	6,00
From 20 to 50 pcs.	4,50
Over 50 pcs.	3,50

CALIBRATED PINS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
From 1 to 5 pcs.	25,00
From 6 to 19 pcs.	9,00
From 20 to 50 pcs.	6,00
Over 50 pcs.	5,00



COATING THICKNESS METER OR ULTRASONIC METER CALIBRATION REPORT

DESCRIPTION	Price €
Thickness gauge for layers up to 10 mm	125,00
Ultrasonic gauge up to 100 mm	125,00
Thickness sample (single)	25,00
Thickness samples 6 pieces	120,00

with 1 ferrous probe and/or 1 non-ferrous probe

COATING THICKNESS METER OR ULTRASONIC METER ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Thickness gauge for layers up to 10 mm	250,00
Ultrasonic gauge up to 100 mm	250,00
Thickness sample (single)	40,00
Thickness samples 6 pieces	190,00

with 1 ferrous probe and/or 1 non-ferrous probe



PRICE LIST FOR CALIBRATION

CONICAL THREADED PLUGS
CALIBRATION REPORT

DESCRIPTION	Price €
From 1/16" to 1"	35,00
From 1" -1/8 to 2"	45,00
From 2" -1/8 to 3"	55,00
From 3" -1/8 to 4"	80,00



CONICAL THREADED PLUGS - ACCREDIA CALIBRATION REPORT

DESCRIPTION	Price €
From 1/16" to 4"	215,00



GO/NO GO THREADED PLUGS - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 50 mm	25,00
Over 50 to 100 mm	35,00
Over 100 to 200 mm	50,00

GO OR NO GO THREADED PLUGS - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 50 mm	18,00
Over 50 to 100 mm	24,00
Over 100 to 200 mm	37,00

GO/NO GO THREADED PLUGS - ACCREDIA CALIBRATION
CERTIFICATE

DESCRIPTION	Price €
Up to 50 mm	65,00
Over 50 to 100 mm	70,00
Over 100 to 200 mm	90,00

GO/NO GO THREADED PLUGS - ACCREDIA CALIBRATION
CERTIFICATE

DESCRIPTION	Price €
Up to 50 mm	55,00
Over 50 to 100 mm	60,00
Over 100 to 200 mm	80,00

GO/NO GO LIMIT PLUGS - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 50 mm	10,00
Over 50 to 100 mm	19,00
Over 100 to 200 mm	29,00
Over 200 to 300 mm	35,00



GO/NO GO LIMIT PLUGS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Up to 50 mm	55,00
Over 50 to 100 mm	65,00
Over 100 to 200 mm	90,00
Over 200 to 300 mm	105,00

GO OR NO GO LIMIT PLUGS - CALIBRATION REPORT

DESCRIPTION	Price €
Up to 50 mm	8,00
Over 50 to 100 mm	13,00
Over 100 to 200 mm	20,00
Over 200 to 300 mm	27,00



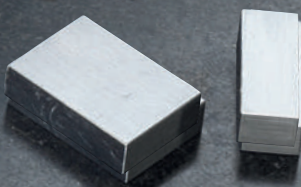
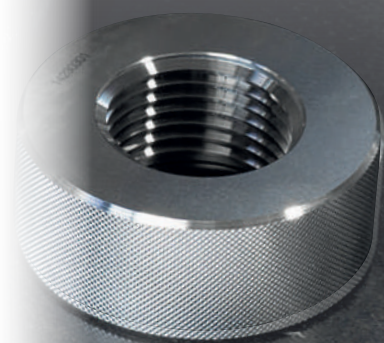
GO OR NO GO LIMIT PLUGS - ACCREDIA CALIBRATION CERTIFICATE

DESCRIPTION	Price €
Up to 50 mm	45,00
Over 50 to 100 mm	50,00
Over 100 to 200 mm	55,00
Over 200 to 300 mm	85,00



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CALIBRATION PRICE LIST ACCREDIA CERTIFICATES AND CALIBRATION REPORTS



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