

Stands / Bench centers / Surface plates



Flatness tolerances according DIN 876		
Class	Flatness t_f (μm)	L =length in mm
00	$2 + L/500$	
0	$4 + L/250$	
1	$10 + L/100$	
2	$20 + L/50$	
3	$40 + L/25$	

006-000-00Control-20190702

Dial indicator stands

- With dovetail joint (only 908.958/972).
- With fine adjustment (except 908.958/974).
- On/off switchable magnetic base with V-groove, except 908.973 (*flexform* base with locking mechanism and permanent magnetic force) and 908.974 (flat on/off switchable magnetic base).
- Various bases available.



Item No.	Clamping shaft/mm	Column mm	Arm mm	Desc. of base	Dimensions l x w x h/mm	Magn. force ¹ /N	Thread of base	Price EUR
908.950	ø4/ø8	ø12 x 176	ø10 x 150	V-groove	58 x 50 x 55	600 ^(S)	M8 x 1.25	
908.951	ø4/ø8	ø12 x 176	ø10 x 150	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.952	ø6/ø8	ø20 x 350	2 arms: ø12 x 220 ø10 x 150	V-groove	74 x 50 x 55	1000 ^(S)	M10 x 1.5	
908.958	ø8	ø8 x 130	ø8 x 130	V-groove	36 x 30 x 35	400 ^(S)	M5 x 0.8	
908.972	ø8	ø12 x 176	ø10 x 210	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.973	ø4/ø8	ø12 x 176	ø10 x 150	<i>flexform</i>	75 x 46 x 55	400 ^(P)	M8 x 1.25	
908.974	ø6	ø7 x 50		flat	30 x 30 x 30	170 ^(S)	M5 x 0.8	
908.946 ²	ø8	ø12 x 190	ø10 x 160	V-groove	54 x 40 x 47	800 ^(S)	M8 x 1.25	

¹ S=switchable magnet; P=permanent magnetic force.

² V-groove on 3 sides.

C06 303 QControl 20190702

Dial indicator stands

- Clamping shaft $\varnothing 8$ mm for dial indicators and probes, and dovetail joint for lever-type dial test indicators (908.957 without dovetail joint).
- With fine adjustment (except 908.962/964/957).
- Arm with mechanical central clamping device (908.954/955: hydraulic).
- On/off switchable magnetic base with V-groove, except 908.964 (permanent magnetic force), 908.961 (vacuum base) and 908.975 (*flexform* base with locking mechanism and permanent magnetic force).
- Various bases available.



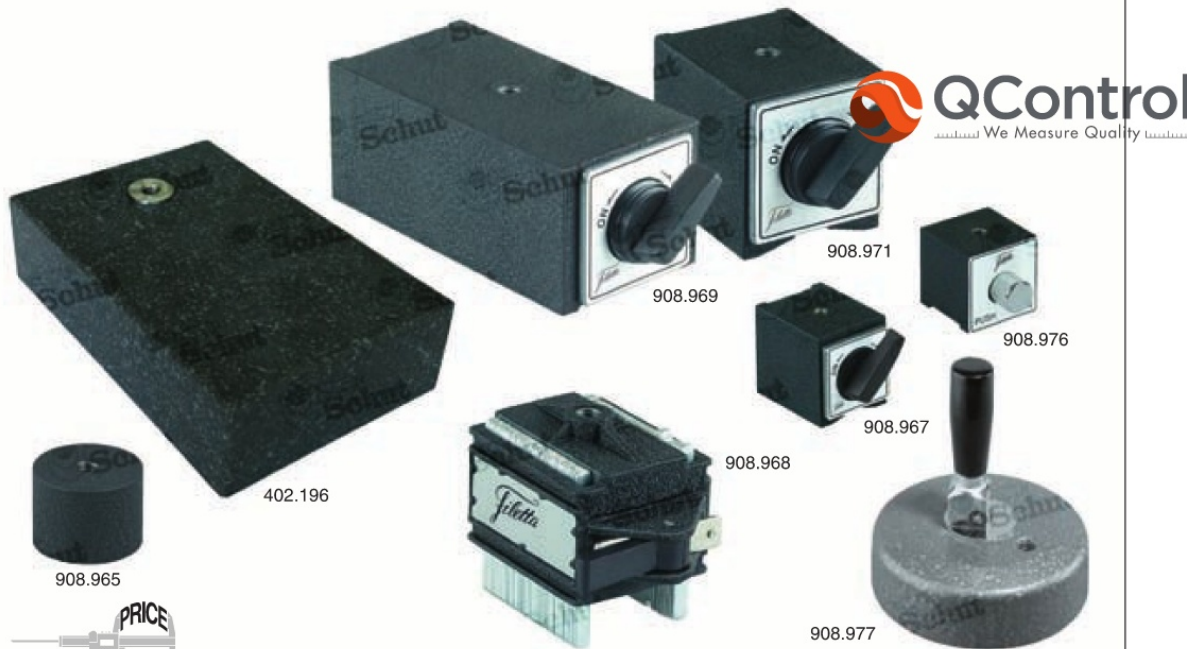
Item No.	Clamping	Arm length ¹ /mm	Description of base	Dimensions <i>l x w x h</i> /mm	Magnetic force ² /N	Thread of base	Price EUR
908.953	mechanical	320	V-groove	58 x 50 x 55	600 ^(S)	M8 x 1.25	
908.959	mechanical	340	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.960	mechanical	285	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.954	hydraulic	380	V-groove	58 x 50 x 55	600 ^(S)	M8 x 1.25	
908.955	hydraulic	380	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.962	mechanical	150	V-groove	36 x 30 x 35	400 ^(S)	M5 x 0.8	
908.964	mechanical	65	cylinder	$\varnothing 30 \times 25$	170 ^(P)	M8 x 1.25	
908.975	mechanical	280	<i>flexform</i>	75 x 46 x 55	400 ^(P)	M8 x 1.25	
908.961	mechanical	280	vacuum base	$\varnothing 90 \times 25$		M8 x 1.25	
908.956	mechanical	360	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.957	mechanical	320	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	

¹ The outstretched length between base and clamping shaft.

² S=switchable magnet; P=permanent magnetic force.

Bases for dial indicator stands

A solid base is essential for accurate measurements. The dial indicator arms can be mounted on a strong magnetic or vacuum base.



Item No.	Description	Dimensions l x w x h/mm	Magnetic force*/N	Thread	Price EUR
908.971	V-groove	60 x 50 x 55	800 ^(S)	M8 x 1.25	
908.970	V-groove	74 x 50 x 55	1000 ^(S)	M8 x 1.25	
908.969	flat base	118 x 50 x 52	1500 ^(S)	M8 x 1.25	
908.967	V-groove	36 x 30 x 35	400 ^(S)	M5 x 0.8	
908.976	flat base	30 x 30 x 30	170 ^(S)	M5 x 0.8	
908.968	flexform	75 x 46 x 55	400 ^(P)	M8 x 1.25	
908.965	cylinder	∅40 x 30	300 ^(P)	M8 x 1.25	
908.977	vacuum base	∅90 x 25		M8 x 1.25	
402.196	granite base	150 x 100 x 40		M8	

* S=switchable magnet; P=permanent magnetic force.

Fixing clamps for dial indicator stands

Item No.	Fixing clamp ∅/mm		Price EUR
	d1	d2	
907.443	10	8/4	
907.442	10	8/6	
906.398	12	8/6	
907.440	12	10	
907.444	14	8/6	
906.399	20	12	
907.441	20	14	



NEW

Magnetic dial indicator stands

Solid dial indicator stands with on/off switchable magnetic base.

- Clamping shaft: $\phi 6$ and $\phi 8$ mm.
- Magnetic base with V-groove.
- Magnetic face at the back (except 855.707).



Item No.	Dimensions base $l \times w \times h$ /mm	Magnetic force/N	Column mm	Arm mm	Thread of base	Price EUR
855.701	58 x 50 x 55	800	$\phi 12 \times 176$	$\phi 10 \times 150$	M8	
855.705	73 x 50 x 55	1000	$\phi 20 \times 178$	$\phi 14 \times 165$	M8	
855.707	117 x 50 x 55	1300	$\phi 20 \times 365$	$\phi 14 \times 200$	M20	

Magnetic dial indicator stands

Solid dial indicator stands with on/off switchable magnetic base.

- Clamping shaft: $\phi 6$ and $\phi 8$ mm.
- Screw thread base: M8.
- Magnetic base with V-groove.
- Magnetic face at the back.



Item No.	Clamping	Dimensions base $l \times w \times h$ /mm	Magnetic force/N	Arm length* mm	Price EUR
855.706	hydraulic	73 x 50 x 55	1000	335	
855.710	mechanical	58 x 50 x 55	800	335	

* The outstretched length between base and clamping shaft.

Flexible hoses for coolant with magnetic base

- Suitable for cooling on machines in places of the workpiece that are difficult to reach.
- With 1, 2 or 3 flexible hoses.
- Special coupling for supply hose $\varnothing 8.5$ mm.

Support with magnetic base

- On/off switchable magnetic base with V-groove.
- Magnetic force: 588 N.
- Separate on/off switch for every flexible hose.
- Dimensions base $l \times w \times h$:
 906.213: 62 x 51 x 73 mm,
 906.214: 62 x 51 x 74 mm,
 906.215: 69 x 51 x 75 mm.

With round magnetic base

- Magnetic base $\varnothing 35$ mm, with high adhesive force.
- Metal protection plate under magnetic base.



906.213



906.214



906.215



906.216



906.217



906.218



Item No.	Number of flexible hoses	Price EUR
Support with magnetic base:		
906.213	1	
906.214	2	
906.215	3	

Item No.	Number of flexible hoses	Price EUR
With round magnetic base:		
906.216	1	
906.217	2	
906.218	3	

LED lamp on magnetic stand

- Total length: 215 mm.
- Magnetic force: 120 N.
- Power supply: 3 batteries type AAA.



Item No.	Description	Price EUR
909.607	LED lamp on magnetic stand	
Option:		
497.914	Spare battery (3 needed)	



C14.213.QControl.20190702

Measuring stands

- Clamping shaft: $\varnothing 8$ mm.
- Transverse arm with fine adjustment.
- Arm length: 150 mm.
- Ground base.
- Base with V-groove (only 857.120).



857.120

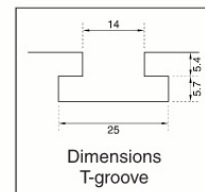


857.121

Item No.	Column \varnothing /mm	Dimensions base/mm	Effective arm length/mm	Price EUR
857.120	16	65 x 40 x 140	250	
857.121	22	60 x 55 x 250	300	

Measuring stand

- Clamping shaft: $\varnothing 8$ mm.
- Effective arm length: 180 mm.
- Fine adjustment.
- Ground base with V- and T-groove, 250 x 60 x 35 mm.
- Column: $\varnothing 16$ x 295 mm.
- Arm: $\varnothing 16$ x 235 mm.
- Mechanical clamping device.
- Dial indicator not included.



Item No.	Description	Price EUR
856.720	Measuring stand	

C06 2009 QControl 20180702

Measuring stands

- Clamping shaft: $\varnothing 8$ mm.
- Transverse arm with fine adjustment.
- Ground base with T-groove.
- Base with V-groove (only 909.376).



Item No.	Column mm	Arm mm	Dimensions base/mm	Price EUR
906.219	$\varnothing 14 \times 185$	$\varnothing 12 \times 245$	220 x 60 x 35	
909.376	$\varnothing 16 \times 290$	$\varnothing 16 \times 310$	260 x 60 x 50	

Measuring stand with spindle adjustment

Measuring stand with clear graduation 0.02 mm on the spindle and a hand wheel for easy adjustment of the height setting.

- Clamping shaft: $\varnothing 8$ mm.
- Spindle thread pitch: 2 mm.
- Column: $\varnothing 35$ mm.
- Transverse arm: $\varnothing 20$ mm.
- Granite measuring table: 260 x 150 x 50 mm, measuring face: 250 x 150 mm, flatness according DIN 876/00.
- Total height: 410 mm.
- Max. measuring height: 160 mm.
- Delivery in a wooden case.



Item No.	Description	Price EUR
907.789	Measuring stand	



C06 301 QControl 20180702

Measuring stand

Universal measuring stand, also suitable as a controlling measuring instrument.

- Clamping shaft \varnothing 8 mm and dovetail joint.
- Fine adjustment.
- Granite measuring table: 150 x 100 x 40 mm, flatness: $\leq 10 \mu\text{m}$.
- Base with groove in the center.
- Screw thread base: M8.
- Long, right side face with two mounting bores (thread M5, distance 120 mm).
- Mechanical clamping device.
- Arm length: 300 mm (the outstretched length between base and clamping shaft).
- Delivery in an aluminum case.



Item No.	Description	Price EUR
402.195	Measuring stand	

Measuring stand

- Clamping shaft: \varnothing 8 mm.
- Total height: 200 mm.
- Max. measuring height: 90 mm.
- Effective arm length: 80 mm.
- Measuring table: 60 x 68 mm, ground and lapped.
- Dimensions transverse arm: \varnothing 18 x 120 mm.
- Column: \varnothing 22 mm.
- Other dial gauge holders are available on request.



Item No.	Description	Price EUR
857.130	Measuring stand	

C06.210.QControl.20190702

Measuring stands

Universal measuring stands with a cast iron, ground measuring table.

- Clamping shaft: $\varnothing 8$ mm (optional available clamp with clamping shaft $\varnothing 28$ mm).
- Fine adjustment: 5 mm (906.506/508/516/518).
- Total height: 250 mm (906.508: 350 mm).
- Max. measuring height: 160 mm (906.508: 260 mm).
- Effective arm length: 68 mm (906.507: max. 105 mm, 906.517/519: max. 95 mm).
- Measuring table: ground, 906.506/507/508: flat anvil/base, 906.516/517: round flat anvil (height anvil: 13.5 mm), 906.518/519: round serrated anvil (height anvil: 13.5 mm).
- Flatness table: $\leq 10 \mu\text{m}$.
- Dimensions transverse arm: $\varnothing 20 \times 150$ mm (906.507/517/519).
- Column: $\varnothing 30 \times 200$ mm (906.508: helical threaded 300 mm with anti drop facility).



Item No.	Measuring height/mm	Dimensions table l x w x h/mm	Price EUR
906.506	140	140 x 105 x 50	
906.507	160	140 x 105 x 50	
906.508	260	140 x 105 x 50	
906.516	130	$\varnothing 60 \times 65$	
906.517	145	$\varnothing 60 \times 65$	
906.518	130	$\varnothing 60 \times 65$	
906.519	145	$\varnothing 60 \times 65$	

Option:

999.679 Clamp $\varnothing 28$ mm



C06.310.QControl.20180702

Measuring stands

Universal measuring stands with a granite measuring table.

- Clamping shaft: \varnothing 8 mm (optional available clamp with clamping shaft \varnothing 28 mm).
- Fine adjustment: 5 mm (999.680).
- Total height: 240 mm (999.680/681), 355 mm (999.682/683), 370 mm (999.684/685).
- Max. measuring height: 260 mm (999.682/683/684/685).
- Effective arm length: max. 165 mm (999.682/683/684/685), (999.681: max. 105 mm, 999.680: 68 mm).
- Measuring table: granite.
- Flatness table: $\leq 5 \mu\text{m}$ (999.684/685: delivery with an inspection report), $\leq 10 \mu\text{m}$ (999.680/681/682/683).
- Dimensions transverse arm: \varnothing 20 x 150 mm (999.681), \varnothing 20 x 210 mm (999.682/683/684/685).
- Column: \varnothing 30 x 200 mm (999.680/681), \varnothing 30 x 300 mm (999.682/684), \varnothing 30 x 300 mm (999.683/685: helical threaded with anti drop facility).



Item No.	Measuring height/mm	Dimensions table l x w x h/mm	Price EUR
999.680	140	150 x 100 x 40	
999.681	160	150 x 100 x 40	
999.682	260	250 x 200 x 55	
999.683	260	250 x 200 x 55	
999.684	260	400 x 400 x 70	
999.685	260	400 x 400 x 70	

Option:
999.679 Clamp \varnothing 28 mm



C06.311-QControl-20180702

Measuring stands

Measuring stands with a granite base in two models with a competitive price-performance ratio.

- Clamping shaft: $\varnothing 8$ mm.
- Max. measuring height: 250 mm.
- Anti drop facility.
- Granite table.
- Own product.



402.165

Item No.	Measuring height/mm	Flatness table/ μm	Dimensions table l x w x h/mm	Column \varnothing /mm	Effective arm length/mm	Price EUR
402.165	150	10	150 x 100 x 40	25	62	
402.168	250	10	250 x 200 x 55	35	100	

Measuring stand

Heavy-duty precision stand with alumina ceramic grooved table and plain column.

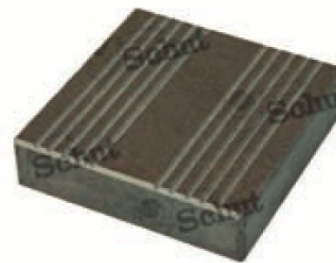
- Clamping shaft: $\varnothing 8$ mm.
- Max. measuring height: 135 mm.
- Effective arm length: 62 mm.
- Measuring table: 80 x 80 x 22 mm.
- Flatness table: $\pm 2 \mu\text{m}$.
- Column: $\varnothing 25$ mm.
- Base: 150 x 89 x 37 mm.
- Anti drop facility.
- Own product.



Measuring table

Grooved measuring table made of alumina ceramics as applied to measuring stand 334.690, with the typical advantages of ceramics: high degree of hardness and wear resistance.

- Flatness: $\pm 2 \mu\text{m}$.
- Dimensions: 80 x 80 x 22 mm.
- Bottom-side: 3 tapped holes M6.



Item No.	Description	Price EUR
334.690	Precision stand	

Item No.	Description	Price EUR
841.078	Measuring table	

006.272-QControl-20190702

Measuring stands

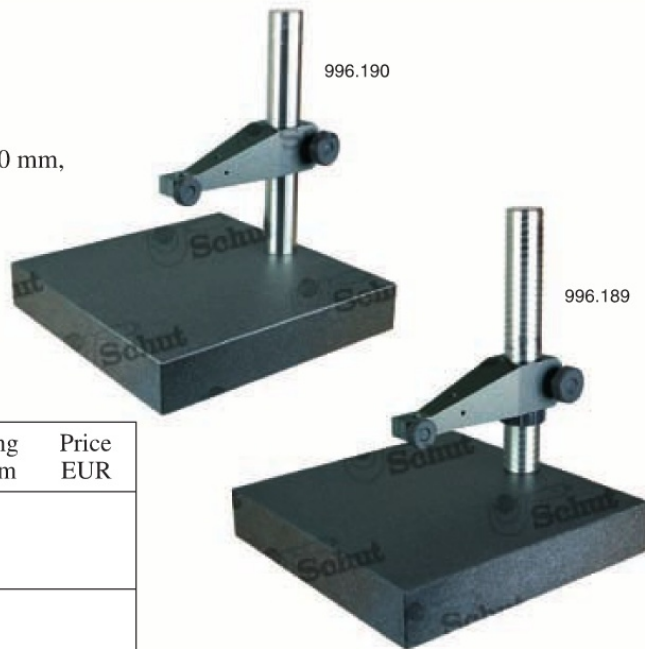
- Clamping shaft: ϕ 8 mm.
- Total height: 310 mm.
- Max. measuring height: 180 mm.
- Hard-chrome plated and ground column: ϕ 35 mm.
- 857.126 and 857.128 with adjustable transverse arm (ϕ 22 mm), length 220 mm.
- Granite measuring table: 260 x 150 x 48 mm (*l x w x h*), measuring face: 200 x 150 mm, flatness according DIN 876/00.



Item No.	Column	Effective arm length/mm	Price EUR
857.125	plain	104	
857.126	plain	175	
857.127	helical threaded	104	
857.128	helical threaded	175	

Measuring stands

- Clamping shaft: ϕ 20 mm or ϕ 32 mm.
- Max. measuring height: 290 mm.
- Effective arm length: 167 mm.
- Column: ϕ 50 mm.
- 996.190/315 with anti drop facility.
- Granite measuring table: 400 x 400 x 70 mm, flatness: \leq 5 μ m.
- Delivery with an inspection report.
- DIN 876/0.
- Own product.



Item No.	Column	Clamping shaft/mm	Price EUR
996.190	plain	ϕ 20	
996.189	helical threaded	ϕ 20	
996.315	plain	ϕ 32	
Option:			
344.470	Reducing bush ϕ 20/8 mm		