

Price List (in Euro) valid from April 1, 2018



Precision Level 4020 to 4024

with plane and prismatic base, lengthwise and transverse level. The bearing surfaces are fine ground.

Length	mm	160	200	250	300	500
Width / Height	mm	42 / 42	42 / 42	42 / 42	42 / 42	44 / 42
Weight of the Level	kg	1.00	1.20	1.65	1.95	3.75
Weight of the Case	kg	0.32	0.32	0.62	0.62	1.94
Product-No. 4020	0.30 mm/m	110.10	130.00	139.90	151.80	299.80
Product-No. 4021	0.10 mm/m	120.30	145.60	150.90	171.30	326.30
Product-No. 4022	0.04 mm/m	171.30	203.00	231.30	257.80	423.30
Product-No. 4023	0.02 mm/m	209.80	252.60	270.60	292.90	476.40
Product-No. 4024	0.01 mm/m	-	318.50	335.30	380.70	559.20
Case		19.00	19.00	28.20	28.20	66.70

Special models: with flat base (no prism)
with magnetic fittings
with mounting holes



Precision Level 4080 to 4084 with adjustable vial

with plane and prismatic base, lengthwise and transverse level. The bearing surfaces are fine ground.

Length	mm	160	200	250	300	500
Width / Height	mm	42 / 42	42 / 42	42 / 42	42 / 42	44 / 42
Weight of the Level	kg	1.00	1.20	1.65	1.95	3.75
Weight of the Case	kg	0.32	0.32	0.62	0.62	1.94
Product-No. 4080	0.30 mm/m	*	153.90	169.50	183.50	*
Product-No. 4081	0.10 mm/m	*	169.50	179.50	202.00	*
Product-No. 4082	0.04 mm/m	*	226.80	259.90	288.50	*
Product-No. 4083	0.02 mm/m	*	276.40	299.20	323.60	*
Product-No. 4084	0.01 mm/m	-	342.30	363.90	411.40	*
Case			19.00	28.20	28.20	

Special models: with flat base (no prism)
with magnetic fittings
with mounting holes

* under development



Frame-Type Level 4220 to 4224

3 sides plane and prismatic, left side plane, lengthwise and transverse level, the bearing surfaces are fine ground.

Length x Height	mm	100x100	150x150	200x200	300x300
Width	mm		34	42	44
Weight of the Level	kg		0.85	2.05	5.83
Weight of the Case	kg		0.32	0.32	1.98
Product-No. 4220	0.30 mm/m	195.30	233.20	274.80	435.10
Product-No. 4221	0.10 mm/m	242.90	276.10	337.00	552.50
Product-No. 4222	0.04 mm/m	308.80	377.40	449.10	663.20
Product-No. 4223	0.02 mm/m	-	417.50	503.70	692.50
Product-No. 4224	0.01 mm/m	-	-	749.90	942.50
Case		19.90	22.80	30.10	71.10

Special models: with flat sides
with magnetic fittings

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Crank Pin Precision Level 4320 to 4322

with plane and prismatic base and transverse prism, lengthwise and transverse level. The bearing surfaces are fine ground.

Length	mm	60	90	120
Width / Height	mm	42 / 42	42 / 42	42 / 42
Weight of the Level	kg	0.42	0.64	0.86
Weight of the Case	kg	0.34	0.34	0.32
Product-No. 4320	0.30 mm/m	-	128.40	144.90
Product-No. 4320	0.60 mm/m	117.00	-	-
Product-No. 4321	0.10 mm/m	-	143.60	162.60
Product-No. 4321	0.20 mm/m	133.70	-	-
Product-No. 4322	0.04 mm/m	-	178.80	205.80
Case		19.00	19.00	19.00

Special models: with flat base
 with magnetic fittings
 with mounting holes



Brench-Type Precision Level 4430 to 4431

with plane base, one lengthwise level, the bearing surface is fine ground.

Length	mm	80	100	150
Width / Height	mm	24 / 24	24 / 24	24 / 24
Weight of the Level	kg	0.21	0.25	0.35
Weight of the Case	kg	0.09	0.09	0.13
Product-No. 4460 to screw on	0.30 mm/m	88.70	90.50	93.80
Product-No. 4461 to screw on	0.10 mm/m	95.50	97.90	104.00
Product-No. 4462 to screw on	0.04 mm/m	-	-	154.60
Case		9.40	9.40	10.80

Special models: with magnetic fittings



Precision Level with specially broad prism 4520 to 4523

with only prismatic base, lengthwise and transverse level. The bearing surfaces are fine ground.

Length	mm	160	200	250
Width / Height	mm	140 / 74	160 / 75	200 / 78
Min. / max. Diameter	mm	54 / 622	54 / 711	54 / 885
Angle of the Prism		13°	13°	13°
Weight of the Level	kg	2.94	4.15	6.55
Weight of the Case	kg	0.58	0.80	1.20
Product-No. 4520	0.30 mm/m	660.70	742.70	925.30
Product-No. 4521	0.10 mm/m	794.30	868.20	1058.20
Product-No. 4522	0.04 mm/m	908.90	1007.40	1187.20
Product-No. 4523	0.02 mm/m	1050.40	1142.60	1323.90
Case		82.80	87.00	91.10

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Precision Level of Aluminium 4620

with plane and prismatic base, one lengthwise level, for simple adjustments

Length	mm	100	150	200	250	300
Width / Height	mm	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22
Weight of the Level	kg	0.12	0.16	0.20	0.24	0.30
Product-No. 4620	0.60 mm/m	39.10	42.90	48.50	60.00	69.90



Spirit Level to measure any inclination 4730

with one plane base, accuracy 1°, the bearing surface is fine ground.

Length	mm	300
Width / Height	mm	25 / 95
Weight of the Level	kg	1.10
Weight of the Case	kg	0.44
Product-No. 4730		214.10
Case		23.80

Special model: with magnetic fittings



2-axis Level 4830 to 4860

with one plane base, 2 spirit levels, the bearing surface is fine ground.

Diameter	mm	60	80
Height	mm	14	17
Material		9 SMnPb 28K	4104 VA
Weight of the Level	kg	0.23	0.41
Weight of the Case	kg		0.16
Product-No. 4830	0.60 mm/m	incl. Wooden Box	383.00
Product-No. 4860	0.30 mm/m	with mounting holes	159.00



Microlevel electronic Frame-Type Level 5223

3 sides plane and prismatic, left side plane, lengthwise and transverse level, the bearing surfaces are fine ground.

Length x Height	mm	150 x 150
Width		42
Weight	kg	Case incl. 2.56
Product-No. 5223	0.02 mm/m	Case incl. 2450.00

Special models: with flat sides
with magnetic fittings

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The accuracy is indicated on each precision level.

The suitable diameter of the arbor to adjust depends on the type of the precision level:

Frame-Type Level, length 100 mm	min. 15,4 mm	max. 85,0 mm
Precision Level of Aluminium	min. 3,0 mm	max. 30,0 mm
Precision Level with specially broad prism	see price list	
All other types	min. 19,3 mm	max. 115,9 mm

Delivery: ex works, packaging excluded

Payment: payment in advance

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Declaration of Type Designations

4 0 2 0 / 1 6 0 / KK

Plastic case, optional

Length in mm

Accuracy:

0 = 0,3 mm/m ¹⁾ 3 = 0,02 mm/m 5 = 0,005 mm/m
1 = 0,1 mm/m ²⁾ 4 = 0,01 mm/m 6 = 0,001 mm/m
2 = 0,04 mm/m

Model:

2 = prismatic 4 = prismatic with magnetic fittings 6 = with two mounting holes 8 = with adjustable vial
3 = flat base 5 = flat base with magnetic fittings 7 = three-point bearing

Type of Precision Level:

0 = for shafts and surfaces 4 = Brench-Type Precision Level 7 = Spirit-level for checking any inclination
2 = Frame Type Level 5 = Precision Level with specially Broad Prism 8 = 2-axis Level wheel shape
3 = Crank Pin Level 6 = Precision Level of Aluminium 9 = 2-axis Level cross-shaped

Measuring Method:

4 = mechanical
5 = electronic

¹⁾ 0.6 mm/m for Crank Pin Levels with Length = 60 mm
Precision Levels of Aluminium
2-axis Levels with diameter = 80 mm

²⁾ 0.2 mm/m for Crank Pin Level with Length = 60 mm

The following product numbers have changed:

Product No. old	Type of Precision Level	Product No. new
4120 - 4124	Precision Level with flat base	4030 - 4034
4430 - 4431	Brench-Type Precision Level	4460 - 4461
4420 A - 4421 A	Brench-Type Precision Level with two mounting holes	4460 - 4461
4430 - 4431	Brench-Type Precision Level	4460 - 4461
4720	Spirit Level for checking any inclination	4730
5000	Microlevel Frame-Type Level with electronic inclinometer	5223
5225 - 5226	Microlevel Frame-Type Level with electronic inclinometer	5223