





THE SOLA BRAND REPRESENTS A PASSION FOR PRECISION.

Our name is synonymous with supreme measuring tools that our customers can rely on to support them in their construction work. As a leading specialist in measuring and marking, we are a powerful partner for every professional, every time.

We emphasise the value of the highest quality and precision not only in our products, but in our services as well.

We work with professionals, for professionals

- Only a craftsman knows what a craftsman really needs.
- That is why SOLA works closely with professionals to develop new products.
- This results in premium products that pass every test when put into practice.
- Each measuring and marking tool stands out for its ease of use, high degree of robustness and the valuable time it saves professionals in their construction work.



Site 1, 2 and 3 in Götzis, Vorarlberg



VORARLBERG SITE

From our site situated in the heart of Europe, around 75% of our production are exported to over 40 countries worldwide. Our production area has since expanded to incorporate three halls, covering an area of 13,000 m².

RELIABILITY MADE TO MEASURE

SOLA offers a wide range of premium-quality measuring tools for construction professionals. With a product range of more than 1500 items, we support craftsmen across the world in achieving their objectives with higher precision and productivity.

OUR VALUES AT SOLA

THE SPECIALIST IN MEASURING AND MARKING IN CONSTRUCTION

We always remain close to our customers: a dedicated innovation team determines the needs of professional craftsmen and develops suitable innovative products on that basis. We use the knowledge and expertise that we have acquired to set standards, such as in spirit levels.

PASSION FOR PRECISION

► PASSION

Our enthusiasm for high-quality measuring tools unites us with our customers. Professional craftsmen value SOLA for the way we continuously develop our products down to the last detail.

► PRECISION

Accurate work demands a product of continuously superior quality. You can rely entirely on durable and consistent precision with every SOLA measuring tool.

1949



SOLA is founded by engineer Guido Scheyer.
Production of NT4 spirit levels begins.

1958



product
design award

Production of aluminium spirit levels begins.
SOLA becomes the first Austrian company to win the international IF design award.

1966



First production hall is established at the current site.

1969



Own production of vials begins – guaranteeing consistent quality across SOLA measuring tools.

1999



Production of lasers begins.

2004



New generation of spirit levels: with patented, temperature-independent vial.

2011



A world-first: FOCUS vial with readability made four times quicker, more accurate and superior.



RED / BIG RED

THE MOST ACCURATE BOX PROFILE SPIRIT LEVEL IN THE WORLD

At SOLA, a spirit level can only pass if it can demonstrate its precision under stringent test conditions. That is why we have improved the measurement accuracy of RED / BIG RED. Our state-of-the-art production technology and passion for precision has enabled us to produce the most accurate box profile spirit level in the world. It is equipped with SOLA's patented FOCUS vial and a strong profile made from robust aluminium.

UNCOMPROMISING PRECISION

Every spirit level is adjusted individually and undergoes a 100% quality inspection. A RED / BIG RED may only leave the production line if the maximum measuring tolerance is 0.30 mm/m in the standard position and 0.50 mm/m in the inverted position.

To achieve these accuracy values, we consciously refrain from milling the measuring surface. This preserves the wear-resistant coating, which also enhances the surface protection and makes it much easier to clean the spirit level.

RIGOROUSLY TESTED MEASURING TOLERANCES

- FOCUS horizontal vial with magnifying lens and luminous coating
- With precise break-resistant acrylic block vials
- Measuring tolerance: 0.30 mm/m in standard position and 0.50 mm/m for inverted measuring
- Ribs and handles for better grip
- Shock-absorbing 2-c end caps



iOX5 **THE VERSATILE POINT AND LINE LASER** **FOR DRYWALL PROFESSIONALS**

We have worked intensively with drywall professionals to develop our iOX5. Together we have created a laser that sets completely new standards in drywall and interior construction. The iOX5 by SOLA not only makes work drastically quicker and more convenient, it also delivers more precise results.

CONSISTENTLY USER-ORIENTED

The iOX5 is in a class of its own with its wide line panorama, projecting horizontal and vertical lines and an exact plumbing. A diverse and reliable partner for drywall and interior construction professionals that also excels in its extremely high ease of use. Thanks to the highly powerful Li-ion battery, the iOX5 is always at the ready. And so much user expertise even looks good as well: in 2014, the SOLA iOX5 was awarded the RedDot Design Award 2014 for the quality of its design.



**GERMAN
DESIGN
AWARD
SPECIAL
2016**



reddot award 2014
winner

WIDE LINE PANORAMA WITH PLUMBING

- › Intuitive operation with only one switch
- › Rotates 360°
- › Plumbing point on the rail edge
- › 90° angle through lateral plumb angle
- › With firm universal holder for secure clamping, hanging and positioning
- › Always ready for operation with its Li-ion battery
- › Operates at up to 80 m with hand-held receiver



► **SMART**

Simply set up and switch on: The compact crossline laser immediately projects two accurately placed, brightly coloured laser lines in the room. We deliberately made its design self-explanatory, making it simple even for first-time users to use this sophisticated professional technology.



► **CROSSLINE**

The crossline laser has optimum laser visibility, ensuring ultra-precise levelling, plus a measurement tolerance of just 0.2 mm/m. The versatile crossline laser is intuitive to use and achieves ranges of up to 80 m when used in combination with a hand-held receiver.



► **HPL**

Now you can measure more accurately than ever before. What is more, we have packaged the greatest measurement precision you have come to expect from SOLA in an extra-strong I-profil. The result is the HPL 75 and HPL 3 180.

► **VECTOR 40**

Ready for use at the touch of a button, using the VECTOR 40 is practically self-explanatory. Not only does it measure distances between two points or calculate surface areas, but it also features other functions for everyday use.



► **VECTOR 80**

Incorporating the 10 most common functions, the VECTOR 80 is a practical device in many trades. In addition to the standard functions of the VECTOR 40, you can use it to add, subtract and calculate volumes. Its integrated measurement value memory also saves the last 20 results and it has an indirect 2-point measurement feature.



SPIRIT LEVELS

SPIRIT LEVELS



SCREEDING LEVELS AND EDGES

SCREEDING LEVELS



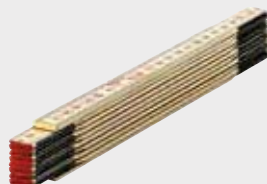
LASERS

LASERS



LASER DISTANCE METER

LASER DISTANCE
METER



FOLDING RULES

FOLDING RULES



SHORT TAPES

SHORT TAPES



LONG TAPES

LONG TAPES



SQUARES/RULERS

SQUARES/RULERS



MARKING PRODUCTS

MARKING PRODUCTS



SPIRIT LEVELS



PROFILE WEIGHT

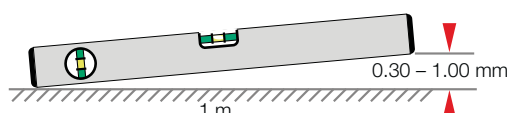
Branded spirit levels have a profile weight per meter of at least 500 g/linear meter! SOLA spirit levels have higher than average profile weights and are thus guaranteed to have longer lifespans. We would like to warn you against spirit levels with a profile weight of 400 g/linear meter or less! They are not sufficiently robust and resistant.

Inaccuracies due to dropping or deterioration through daily use on a building site are minimised by appropriate wall thickness.

Model	Profile weight
RED/BIG RED	ca. 890 g/lfm
AZ, AZM	ca. 750 g/lfm
I, ID	ca. 650 g/lfm
BIG X	ca. 630 g/lfm
AZB	ca. 590 g/lfm
AV, AVD	ca. 520 g/lfm

MEASURING TOLERANCE (STANDARD MEASUREMENT)

A quality spirit level always indicates a maximum measuring tolerance which may not exceed 1.00 mm/m. SOLA box profile spirit levels have a measuring tolerance of maximum 0.50 mm/m for standard measurements.



QUALITY CONTROL

SOLA has been certified as ISO 9001 compliant since 1994. This system provides quality assurance for all areas of the company. Each individual spirit level is tested and adjusted. Thus we can guarantee that everything that is stated on the packaging is upheld in reality.

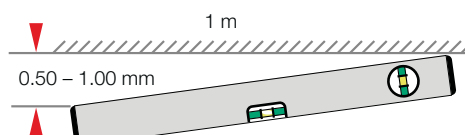
END CAPS WITH ANTI-SLIP FUNCTION

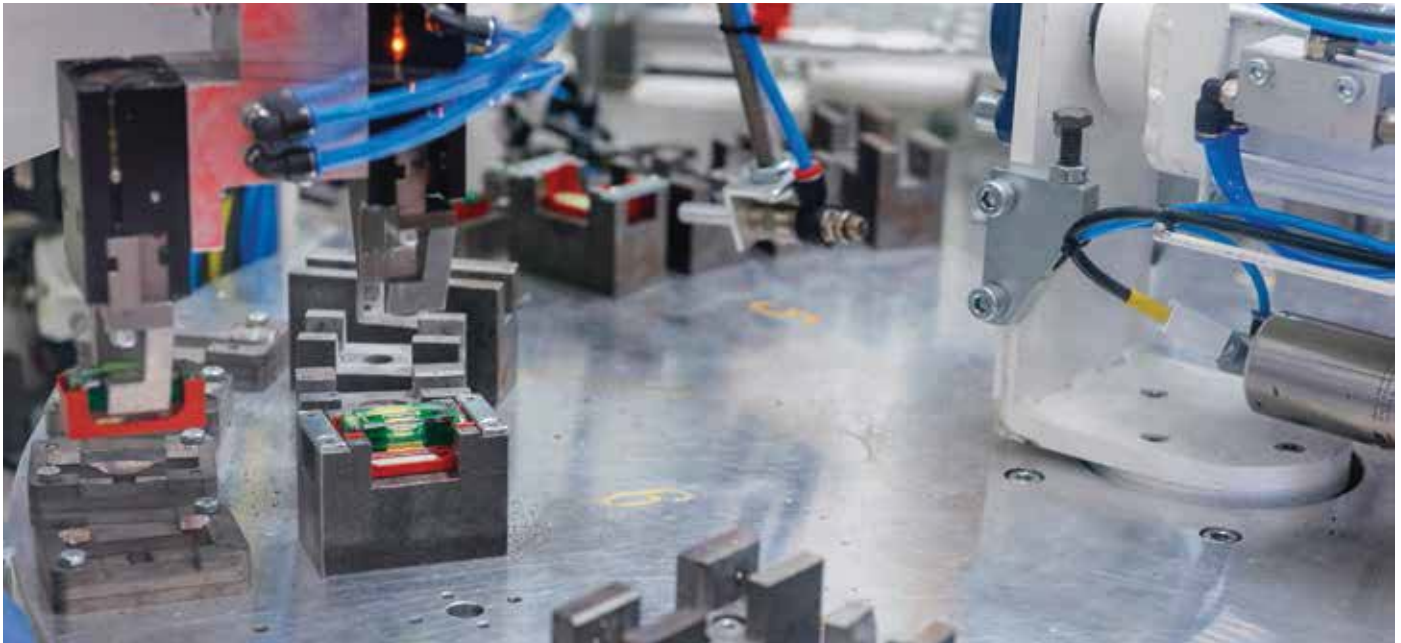
Our models RED/BIG RED are equipped with anti-slip end caps. This allows for convenient positioning and a secure grip of the spirit level on the surface. The level can be held securely in place with one hand when marking.



MEASURING TOLERANCE (INVERTED MEASUREMENT)

Only precision-manufactured vials can be used for inverted measurement. All SOLA spirit levels in the aluminium box profile range have a measuring tolerance of maximum 1.00 mm/m.





30-YEAR GUARANTEE PATENTED ULTRASONIC WELDING































The leak protection is assured by the ultrasonic welding of the vials, which we patented in 1969. With more experience and know-how than any other manufacturer in this area, we can make the 30-year guarantee with confidence.




























BREAK-RESISTANT ACRYLIC FOCUS VIALS

Since 2011 all SOLA quality spirit levels and screeding levels have been equipped with the patented FOCUS vial. Compared with standard ring vials our FOCUS vials show a considerably higher contrast. Therefore this allows a better, faster and more accurate reading. This has been proved impressively through tests with professional craftsmen throughout Europe. In addition to the unbeatable precision, the vials are also distinguished by their resistance to breakage or deformation. The vial fluid is antistatic with a very good UV resistance.



BOX PROFILE SPIRIT LEVELS		Max. Measuring tolerance standard position	Max. Measuring tolerance inverted measurement	
RED 3		0.30	0.50	Page 14
BIG RED 3		0.30	0.50	Page 14
AZ		0.50	0.75	Page 15
AZ 3		0.50	0.75	Page 15
AZM	 	0.50	0.75	Page 16
AZM 3	 	0.50	0.75	Page 16
BIG X		0.50	0.75	Page 17
BIG X 3		0.50	0.75	Page 17
AZB		0.50	0.75	Page 18
AZB 3		0.50	0.75	Page 18
AV		0.50	1.00	Page 19
AVD		0.50	1.00	Page 19
CORDINAT		0.50	0.75	Page 20
PRECISION SPIRIT LEVELS				
HPL		0.30	0.50	Page 21
HPL 3		0.30	0.50	Page 21
I-PROFILE SPIRIT LEVELS				
I		1.00	-	Page 22
I5		1.00	-	Page 22
ID		1.00	-	Page 22
DIE-CAST SPIRIT LEVELS				
M		0.50	1.00	Page 23
MM	 	0.50	1.00	Page 23
M 25		0.50	0.75	Page 24
MM 5 25	 	0.50	0.75	Page 24
MR		0.50	1.00	Page 25
MRM	 	0.50	1.00	Page 25
INCLINOMETERS				
NP 121		-	-	Page 26

OVERVIEW SPIRIT LEVELS

APN		-	-	Page 26
NAM	 	-	-	Page 27
APK		0.50	-	Page 27
ENW		0.50	0.50	Page 28
ENWM	 	0.50	0.50	Page 28
PLASTIC SPIRIT LEVELS				
P		1.00	-	Page 29
PH		1.00	-	Page 29
PT		1.00	-	Page 30
PT 5		-	-	Page 30
PTM 5	 	-	-	Page 31
UZ		-	-	Page 31
K 5		-	-	Page 32
JP		-	-	Page 32
R 102		1.00	-	Page 33
HOSE WATER LEVELS				
S 1012		-	-	Page 34
SP 10		-	-	Page 34
S 120		-	-	Page 35
SCHL		-	-	Page 35
SPECIAL VIALS				
DB		-	-	Page 36
DF		-	-	Page 36
DR		-	-	Page 37
F		-	-	Page 37

RED 3



Model	L [cm]	VP	PU	Item no.	EAN
RED 3 60	60	○	1	01214801	9002719019268
RED 3 80	80	○	1	01215101	9002719019275
RED 3 100	100	○	1	01215301	9002719019282

- › Highest measuring accuracy in standard and inverted position
- › Extra strong aluminium profile with reinforcing ribs for maximum stability
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing 2-c end caps provide optimum protection against damage

BIG RED 3



Model	L [cm]	VP	PU	Item no.	EAN
BIG RED 3 120	120	○	1	01219401	9002719019039
BIG RED 3 150	150	○	1	01219501	9002719019466
BIG RED 3 180	180	○	1	01219601	9002719019046
BIG RED 3 200	200	○	1	01219701	9002719019053
BIG RED 3 240	240	○	1	01219901	9002719019060

- › Highest measuring accuracy in standard and inverted position
- › Extra strong aluminium profile with reinforcing ribs for maximum stability
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing 2-c end caps provide optimum protection against damage

Technical details:

	RED 3	BIG RED 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminium	Aluminium
Surface	epoxy coated	epoxy coated
Colour	red	red
Profile weight	890 g/m	890 g/m
Max. Measuring tolerance standard position	0.30 mm/m (0.017°)	0.30 mm/m (0.017°)
Max. Measuring tolerance inverted measurement	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Number of horizontal vials	1	1
Number of vertical vials	2	2
Special characteristic	-	-
Measuring surface	epoxy coated	epoxy coated
Magnet	-	-
Handholds	-	2
End caps	2-c	2-c
Dimension	58.7 x 27.6 mm	58.7 x 27.6 mm

BOX PROFILE SPIRIT LEVELS

AZ

Model	L [cm]	VP	PU	Item no.	EAN
AZ 40	40	○	1	01160501	9002719000211
AZ 50	50	○	1	01160701	9002719000228
AZ 60	60	○	1	01160801	9002719000235
AZ 80	80	○	1	01161101	9002719000259
AZ 100	100	○	1	01161301	9002719000266
AZ 120	120	○	1	01161401	9002719000273
AZ 150	150	○	1	01161501	9002719000280
AZ 180	180	○	1	01161601	9002719000297
AZ 200	200	○	1	01161701	9002719000303

- › Very high measuring accuracy in standard and inverted position
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing end caps



SPIRIT LEVELS

AZ 3

Model	L [cm]	VP	PU	Item no.	EAN
AZ 3 80	80	○	1	01169101	9002719011323
AZ 3 100	100	○	1	01169301	9002719009559
AZ 3 120	120	○	1	01169401	9002719009566
AZ 3 150	150	○	1	01169501	9002719009573
AZ 3 180	180	○	1	01169601	9002719009580
AZ 3 200	200	○	1	01169701	9002719009597
AZ 3 250	250	○	1	01169901	9002719015543

- › Very high measuring accuracy in standard and inverted position
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing end caps



Technical details:

	AZ	AZ 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	gold	gold
Profile weight	750 g/m	750 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	1
Number of vertical vials	1	2
Special characteristic	-	-
Measuring surface	anodized	anodized
Magnet	-	-
Handholds	-	-
End caps	1-c	1-c
Dimension	49.9 x 23.6 mm	49.9 x 23.6 mm

BOX PROFILE SPIRIT LEVELS

AZM



Model	L [cm]	Magnet [pcs.]	VP	PU	Item no.	EAN
AZM 30	30	1	○	1	01180301	9002719000822
AZM 40	40	2	○	1	01180501	9002719000839
AZM 50	50	2	○	1	01180701	9002719000846
AZM 60	60	2	○	1	01180801	9002719000853
AZM 80	80	3	○	1	01181101	9002719000877
AZM 100	100	3	○	1	01181301	9002719000884
AZM 120	120	4	○	1	01181401	9002719000891
AZM 150	150	4	○	1	01181501	9002719000907
AZM 180	180	4	○	1	01181601	9002719000914
AZM 200	200	4	○	1	01181701	9002719000921

- ▶ Very high measuring accuracy in standard and inverted position
- ▶ Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- ▶ Better, faster and more accurate reading through the patented SOLA FOCUS vials
- ▶ Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- ▶ Better readability in dim light through an optimised SOLA luminous backing
- ▶ Shock-absorbing end caps

AZM 3



Model	L [cm]	Magnet [pcs.]	VP	PU	Item no.	EAN
AZM 3 80	80	3	○	1	01185101	9002719009641
AZM 3 100	100	3	○	1	01185301	9002719009658
AZM 3 120	120	4	○	1	01185401	9002719011330
AZM 3 150	150	4	○	1	01185501	9002719011347
AZM 3 180	180	4	○	1	01185601	9002719009665
AZM 3 200	200	4	○	1	01185701	9002719010791

- ▶ Very high measuring accuracy in standard and inverted position
- ▶ Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- ▶ Better, faster and more accurate reading through the patented SOLA FOCUS vials
- ▶ Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- ▶ Better readability in dim light through an optimised SOLA luminous backing
- ▶ Shock-absorbing end caps

Technical details:

	AZM	AZM 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	gold	gold
Profile weight	750 g/m	750 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	1
Number of vertical vials	1	2
Special characteristic	-	-
Measuring surface	anodized	anodized
Magnet	Ferrite pole shoe	Ferrite pole shoe
Handholds	-	-
End caps	1-c	1-c
Dimension	49.9 x 23.6 mm	49.9 x 23.6 mm

BOX PROFILE SPIRIT LEVELS

BIG X

Model	L [cm]	VP	PU	Item no.	EAN
BIG X 30	30	○	1	01370301	9002719018094
BIG X 40	40	○	1	01370501	9002719015406
BIG X 50	50	○	1	01370701	9002719015413
BIG X 60	60	○	1	01370801	9002719015420
BIG X 80	80	○	1	01371101	9002719015437

- › Very high measuring accuracy in standard and inverted position
- › Ergonomic, torsionally rigid aluminium profile for permanently precise measurement results
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing 2-c end caps provide optimum protection against damage



BIG X 3

Model	L [cm]	VP	PU	Item no.	EAN
BIG X 3 100	100	○	1	01373301	9002719015499
BIG X 3 120	120	○	1	01373401	9002719015505
BIG X 3 150	150	○	1	01373501	9002719015512
BIG X 3 180	180	○	1	01373601	9002719015529
BIG X 3 200	200	○	1	01373701	9002719015536

- › Very high measuring accuracy in standard and inverted position
- › Ergonomic, torsionally rigid aluminium profile for permanently precise measurement results
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing 2-c end caps provide optimum protection against damage



Technical details:

	BIG X	BIG X 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminium	Aluminium
Surface	epoxy coated	epoxy coated
Colour	red	red
Profile weight	630 g/m	630 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	1
Number of vertical vials	1	2
Special characteristic	-	-
Measuring surface	epoxy coated	epoxy coated
Magnet	-	-
Handholds	-	-
End caps	2-c	2-c
Dimension	51.5 x 25.3 mm	51.5 x 25.3 mm

BOX PROFILE SPIRIT LEVELS

AZB



Model	L [cm]	VP	PU	Item no.	EAN
AZB 20	20	○	1	01010101	9002719000013
AZB 30	30	○	1	01010301	9002719000020
AZB 40	40	○	1	01010501	9002719000037
AZB 50	50	○	1	01010701	9002719000044
AZB 60	60	○	1	01010801	9002719000051
AZB 70	70	○	1	01010901	9002719000068
AZB 80	80	○	1	01011101	9002719000075
AZB 100	100	○	1	01011301	9002719000082
AZB 120	120	○	1	01011401	9002719000099
AZB 150	150	○	1	01011501	9002719000105
AZB 180	180	○	1	01011601	9002719000112
AZB 200	200	○	1	01011701	9002719000129

- ▶ Very high measuring accuracy in standard and inverted position
- ▶ High-strength aluminum profile for the professional craftsmen
- ▶ Better, faster and more accurate reading through the patented SOLA FOCUS vials
- ▶ Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- ▶ Better readability in dim light through an optimised SOLA luminous backing
- ▶ Shock-absorbing end caps

AZB 3



Model	L [cm]	VP	PU	Item no.	EAN
AZB 3 80	80	○	1	01013101	9002719009511
AZB 3 100	100	○	1	01013301	9002719009528
AZB 3 120	120	○	1	01013401	9002719009535
AZB 3 150	150	○	1	01013501	9002719009542
AZB 3 180	180	○	1	01013601	9002719008767
AZB 3 200	200	○	1	01013701	9002719008774

- ▶ Very high measuring accuracy in standard and inverted position
- ▶ High-strength aluminum profile for the professional craftsmen
- ▶ Better, faster and more accurate reading through the patented SOLA FOCUS vials
- ▶ Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- ▶ Better readability in dim light through an optimised SOLA luminous backing
- ▶ Shock-absorbing end caps

Technical details:

	AZB	AZB 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	silver	silver
Profile weight	590 g/m	590 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	1
Number of vertical vials	1	2
Special characteristic	-	-
Measuring surface	anodized	anodized
Magnet	-	-
Handholds	-	-
End caps	1-c	1-c
Dimension	49.1 x 22.5 mm	49.1 x 22.5 mm

BOX PROFILE SPIRIT LEVELS

AV

Model	L [cm]	VP	PU	Item no.	EAN
AV 30	30	○	1	01110301	9002719000310
AV 40	40	○	1	01110501	9002719000327
AV 50	50	○	1	01110701	9002719000334
AV 60	60	○	1	01110801	9002719000341
AV 80	80	○	1	01111101	9002719000365
AV 100	100	○	1	01111301	9002719000372
AV 120	120	○	1	01111401	9002719000389
AV 150	150	○	1	01111501	9002719010043
AV 180	180	○	1	01111601	9002719010050
AV 200	200	○	1	01111701	9002719010067

- › High measuring accuracy in standard and inverted position
- › Robust aluminium profile
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing end caps



SPIRIT LEVELS

AVD

Model	L [cm]	VP	PU	Item no.	EAN
AVD 40	40	○	1	01120501	9002719011354
AVD 60	60	○	1	01120801	9002719011378
AVD 80	80	○	1	01121101	9002719011385

- › High measuring accuracy in standard and inverted position
- › Robust aluminium profile
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- › Better readability in dim light through an optimised SOLA luminous backing
- › Shock-absorbing end caps



Technical details:

	AV	AVD
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	silver	silver
Profile weight	520 g/m	520 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	Variable adjustable angle meter in ° and %
Measuring surface	anodized	anodized
Magnet	-	-
Handholds	-	-
End caps	1-c	1-c
Dimension	49.4 x 20.5 mm	49.4 x 20.5 mm

CORDINAT



Model	L [cm]	VP	PU	Item no.	EAN
CORDINAT	80		10	69053101	9002719016007

- Very high measuring accuracy in standard and inverted position
- Stable aluminium C profile with flexible markers
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Zero-point and center-point scaling for symmetric measurements
- Special electrician scale allows 4 marks in a standard distance of 71 mm according to DIN 49075
- Unbreakable acrylic block-vials with a tightness guarantee of 30 years

Technical details:

	CORDINAT
Item description	Marking spirit level
Material	Aluminium
Surface	anodized
Colour	silver
Profile weight	590 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.75 mm/m (0.043°)
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	-
Measuring surface	anodized
Magnet	-
Handholds	-
End caps	1-c
Dimension	56 x 18 mm

HPL

Model	L [cm]	VP	PU	Item no.	EAN
HPL 75	75		1	01711001	9002719030713

- Highest measuring accuracy in standard and inverted position
- Large, extra strong aluminum I profile for maximum stability
- Thanks to highly sensitive precision vials, the smallest deviations are clearly shown
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- Integrated handles for a comfortable grip



HPL 3

Model	L [cm]	VP	PU	Item no.	EAN
HPL 3 180	180		1	01713601	9002719030720

- Highest measuring accuracy in standard and inverted position
- Large, extra strong aluminum I profile for maximum stability
- Thanks to highly sensitive precision vials, the smallest deviations are clearly shown
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- Integrated handles for a comfortable grip



Technical details:

	HPL	HPL 3
Item description	Precision spirit level	Precision spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	silver	silver
Profile weight	1181 g/m	1181 g/m
Max. Measuring tolerance standard position	0.30 mm/m (0.017°)	0.30 mm/m (0.017°)
Max. Measuring tolerance inverted measurement	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Number of horizontal vials	1	1
Number of vertical vials	1	2
Special characteristic	-	-
Measuring surface	anodized	anodized
Magnet	-	-
Handholds	2	6
End caps	1-c	1-c
Dimension	100 x 25 mm	100 x 25 mm

I-PROFILE SPIRIT LEVELS



Model	L [cm]	VP	PU	Item no.	EAN
I 30	30	○	1	01250301	9002719000433
I 40	40	○	1	01250501	9002719000440
I 50	50	○	1	01250701	9002719000457
I 60	60	○	1	01250801	9002719000464

- ▶ Rugged aluminium I-profile
- ▶ Break-resistant acrylic tube vials for a distortion-free visibility
- ▶ Shock-absorbing end caps

I5



Model	L [cm]	VP	PU	Item no.	EAN
I5 30	30	○	1	01254301	9002719008521
I5 40	40	○	1	01254501	9002719008538
I5 40	40	○	1	01254701	9002719008552
I5 60	60	○	1	01254801	9002719008569
I5 80	80	○	1	01255101	9002719008378
I5 100	100	○	1	01255301	9002719008590
I5 120	120	○	1	01255401	9002719008385

- ▶ Rugged aluminium I-profile
- ▶ Break-resistant acrylic tube vials for a distortion-free visibility
- ▶ Integrated 45° angle measure (fixed)
- ▶ Shock-absorbing end caps

ID



Model	L [cm]	VP	PU	Item no.	EAN
ID 40	40	○	1	01256501	9002719000532
ID 60	60	○	1	01256801	9002719000549
ID 80	80	○	1	01257101	9002719000556

- ▶ Rugged aluminium I-profile
- ▶ Break-resistant acrylic tube vials for a distortion-free visibility
- ▶ Variable angle meter with locking device
- ▶ Shock-absorbing end caps

Technical details:

	I	I5	ID
Item description	I-spirit level	I-spirit level	I-spirit level
Material	Aluminium	Aluminium	Aluminium
Surface	anodized	anodized	anodized
Colour	silver	silver	silver
Profile weight	650 g/m	650 g/m	650 g/m
Max. Measuring tolerance standard position	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Max. Measuring tolerance inverted measurement	-	-	-
Number of horizontal vials	1	1	1
Number of vertical vials	1	1	1
Special characteristic	-	45° angle tube vial	Variable adjustable angle meter in °
Measuring surface	anodized	anodized	anodized
Magnet	-	-	-
Handholds	-	-	-
End caps	1-c	1-c	1-c
Dimension	58 x 25.4 mm	58 x 25.4 mm	58 x 25.4 mm

DIE-CAST SPIRIT LEVELS

M

Model	L [cm]	VP	PU	Item no.	EAN
M 40	40	○	1	01330501	9002719000587
M 50	50	○	1	01330701	9002719000594
M 60	60	○	1	01330801	9002719000600
M 80	80	○	1	01331101	9002719000617

- › High measuring accuracy in standard and inverted position
- › Heavy, extremely sturdy aluminum die-cast spirit level with a milled measuring surface
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing



SPIRIT LEVELS

MM

Model	L [cm]	VP	PU	Item no.	EAN
MM 40	40	○	1	01331501	9002719011439
MM 60	60	○	1	01331701	9002719011446

- › High measuring accuracy in standard and inverted position
- › Heavy, extremely sturdy aluminum die-cast spirit level with a milled measuring surface
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing
- › Strong neodymium magnet for a high adhesion force



Technical details:

	M	MM
Item description	Die-cast spirit level, trapezoidal shape	Die-cast spirit level, trapezoidal shape
Material	Aluminum die-cast	Aluminum die-cast
Surface	epoxy coated	epoxy coated
Colour	red	red
Profile weight	-	-
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	-
Measuring surface	milled	milled
Magnet	-	Neodymium
Handholds	-	-
End caps	-	-
Dimension	-	-

M 25



Model	L [cm]	VP	PU	Item no.	EAN
M 25	25	○	1	01330201	9002719020202

- ▶ Very high measuring accuracy in standard and inverted position
- ▶ Extremely sturdy aluminum die-cast spirit level with a milled measuring surface and V-groove for scaffolding and steel pipes
- ▶ Better, faster and more accurate reading through the patented SOLA FOCUS vials
- ▶ Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- ▶ Better readability in dim light through an optimised SOLA luminous backing

MM 5 25


MAGNETIC

Model	L [cm]	VP	PU	Item no.	EAN
MM 5 25	25	○	1	01331201	9002719020219

- ▶ Very high measuring accuracy in standard and inverted position
- ▶ Extremely sturdy aluminum die-cast spirit level with a milled measuring surface and V-groove for scaffolding and steel pipes
- ▶ Better, faster and more accurate reading through the patented SOLA FOCUS vials
- ▶ Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- ▶ Better readability in dim light through an optimised SOLA luminous backing
- ▶ Strong neodymium magnet for a high adhesion force

Technical details:

	M 25	MM 5 25
Item description	Die-cast spirit level, trapezoidal shape	Die-cast spirit level, trapezoidal shape
Material	Aluminum die-cast	Aluminum die-cast
Surface	epoxy coated	epoxy coated
Colour	red	red
Profile weight	-	-
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	45° angle tube vial
Measuring surface	milled, V-groove	milled, V-groove
Magnet	-	Neodymium
Handholds	-	-
End caps	-	-
Dimension	-	-

DIE-CAST SPIRIT LEVELS

MR

Model	L [cm]	VP	PU	Item no.	EAN
MR 40	40	○	1	01332501	9002719011392
MR 50	50	○	1	01332701	9002719011408
MR 60	60	○	1	01332801	9002719011415
MR 80	80	○	1	01333101	9002719011422

- › High measuring accuracy in standard and inverted position
- › Heavy, extremely sturdy aluminum die-cast spirit level with a milled measuring surface
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing


SPIRIT LEVELS
MRM

Model	L [cm]	VP	PU	Item no.	EAN
MRM 40	40	○	1	01333501	9002719011453
MRM 60	60	○	1	01333701	9002719011460

- › High measuring accuracy in standard and inverted position
- › Heavy, extremely sturdy aluminum die-cast spirit level with a milled measuring surface
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block vials with a magnifying lens (+60%) and a 30 year guarantee against leakage
- › Better readability in dim light through an optimised SOLA luminous backing
- › Strong neodymium magnet for a high adhesion force


Technical details:

	MR	MRM
Item description	Die-cast spirit level, parallel form	Die-cast spirit level, parallel form
Material	Aluminum die-cast	Aluminum die-cast
Surface	epoxy coated	epoxy coated
Colour	red	red
Profile weight	-	-
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	-
Measuring surface	milled	milled
Magnet	-	Neodymium
Handholds	-	-
End caps	-	-
Dimension	-	-

NP 121



Model	L [cm]	VP	PU	Item no.	EAN
NP 121	13	○	1	01480101	9002719001072

- Compact
- Accurate, adjustable angular dimensions
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- Measured values of circular scale:
 1. Angular degrees 4 x 90°
 2. Gradients 0 – 100%
 3. Inclination ratios

APN



Model	L [cm]	VP	PU	Item no.	EAN
APN 60	60		1	01480701	9002719016700
APN 100	100		1	01480901	9002719016717

- Accurate, adjustable angular dimensions
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- Measured values of circular scale:
 1. Angular degrees 4 x 90°
 2. Gradients 0 – 100%
 3. Inclination ratios
- Shock-absorbing end caps

Technical details:

	NP 121	APN
Item description	Inclinometer	Inclination-spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	gold	gold
Profile weight	-	650 g/m
Max. Measuring tolerance standard position	-	-
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	-	-
Special characteristic	Circular acrylic disk	Circular acrylic disk
Measuring surface	anodized	anodized
Magnet	-	-
Handholds	-	-
End caps	-	1-c
Dimension	-	50 x 23 mm

NAM

Model	L [cm]	VP	PU	Item no.	EAN
NAM 13	14.5	○	1	01481101	9002719001089
NAM 50	50	☐	1	01481501	9002719001119

- Robust ferrite pole-shoe magnets for a secure grip
- Accurate, adjustable angular dimensions
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- Measured values of circular scale:
 1. Angular degrees 4 x 90°
 2. Gradients 0 – 100%
 3. Inclination ratios
- Shock-absorbing end caps



APK

Model	L [cm]	VP	PU	Item no.	EAN
APK 100	100	☐	1	01482201	9002719016724

- Simple and precise inclination setting up to 10%
- Measuring bolt with mm scale and locking screw
- Measurements across pipe flanges is possible
- Better, faster and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- Shock-absorbing end caps



Technical details:

	NAM	APK
Item description	Inclination-spirit level	Inclination-spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	gold	gold
Profile weight	650 g/m	750 g/m
Max. Measuring tolerance standard position	-	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	-	-
Special characteristic	Circular acrylic disk	-
Measuring surface	anodized	Measuring bolt
Magnet	Ferrite pole shoe	-
Handholds	-	-
End caps	1-c	-
Dimension	50 x 23 mm	50 x 24 mm

ENW


Model	L [cm]	VP	PU	Item no.	EAN
ENW 60	60		1	01233801	9002719016731
ENW 80	80		1	01234101	9002719017684
ENW 120	120		1	01234401	9002719017691

- ▶ Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.2° between 1° and 89°
- ▶ Adjustable inclination display in °, % and mm/m
- ▶ "Hold" function for storing measured values and for transferring angles
- ▶ Switchable audible signal guidance in difficult visible conditions
- ▶ Comfortable reading through a reversible display for inverted measurements

ENWM


Model	L [cm]	VP	PU	Item no.	EAN
ENWM 60	60		1	01235801	9002719016748

- ▶ Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.2° between 1° and 89°
- ▶ Adjustable inclination display in °, % and mm/m
- ▶ "Hold" function for storing measured values and for transferring angles
- ▶ Switchable audible signal guidance in difficult visible conditions
- ▶ Comfortable reading through a reversible display for inverted measurements
- ▶ Robust ferrite pole-shoe magnets for a secure grip

Technical details:

	ENW	ENWM
Item description	Electronic inclination spirit level	Electronic inclination spirit level
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	silver	silver
Profile weight	890 g/m	890 g/m
Max. Measuring tolerance standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Max. Measuring tolerance inverted measurement	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	Solatronic module	Solatronic module
Measuring surface	anodized	anodized
Magnet	-	Ferrite pole shoe
Handholds	-	-
End caps	1-c + 2-c	1-c + 2-c
Dimension	59 x 26 mm	59 x 26 mm

PLASTIC SPIRIT LEVELS

P

Model	L [cm]	VP	PU	Item no.	EAN
P 40	40	○	1	01410501	9002719000655
P 50	50	○	1	01410701	9002719000662
P 60	60	○	1	01410801	9002719000679
P 80	80	○	1	01411101	9002719000686

- No signs of abrasion on tiles and porcelain stoneware
- Resistant against water, heat and cold
- Light weight, warp-free profile form
- Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- Better readability in dim light through an optimised SOLA luminous backing



SPRIT LEVELS

PH

Model	L [cm]	VP	PU	Item no.	EAN
PH 22	22		6	01410101	9002719000648

- No signs of abrasion on tiles and porcelain stoneware
- Resistant against water, heat and cold
- Light weight, warp-free profile form
- Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- Better readability in dim light through an optimised SOLA luminous backing



Technical details:

	P	PH
Item description	Plastic spirit level	Potter spirit level
Material	ABS plastic	ABS plastic
Surface	-	-
Colour	red	red
Profile weight	-	-
Max. Measuring tolerance standard position	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	-
Measuring surface	ABS plastic	ABS plastic
Magnet	-	-
Handholds	-	-
End caps	-	-
Dimension	52 x 25 mm	45 x 23 mm

PT


Model	L [cm]	VP	PU	Item no.	EAN
PT 25	25		6	01410201	9002719000631

- No signs of abrasion on tiles and porcelain stoneware
- Resistant against water, heat and cold
- Light weight, warp-free profile form
- Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- Better readability in dim light through an optimised SOLA luminous backing
- Measuring surface with practical V-groove for pipes

PT 5




Model	L [cm]	VP	PU	Item no.	EAN
PT 5 20	20		20	01430201	9002719000723
PT 5 20	20		5	01430220	90027190006091

- Compact, lightweight, handy
- Resistant against water, heat and cold
- Break-resistant acrylic tube vials
- Measuring surface with practical V-groove for pipes

Technical details:



	PT	PT 5
Item description	Torpedo spirit level	Torpedo spirit level
Material	ABS plastic	ABS plastic
Surface	-	-
Colour	red	red
Profile weight	-	-
Max. Measuring tolerance standard position	1.00 mm/m (0.057°)	-
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	45° angle tube vial
Measuring surface	ABS plastic, V-groove	ABS plastic, V-groove
Magnet	-	-
Handholds	-	-
End caps	-	-
Dimension	40 x 21 mm	37 x 15 mm

PTM 5

Model	L [cm]	VP	PU	Item no.	EAN
PTM 5 20	20		20	01430601	9002719000747
PTM 5 20	20		5	01430620	9002719006138

- Compact, lightweight, handy
- Resistant against water, heat and cold
- Break-resistant acrylic tube vials
- Magnetic stripe with high strength


UZ

Model	L [cm]	VP	PU	Item no.	EAN
UZ 8	8		1	01431001	9002719010326
UZ 8	8		5	01431020	9002719001195

- Compact, lightweight, handy
- Resistant against water, heat and cold
- Break-resistant acrylic tube vials
- Practical V-groove


Technical details:

	PTM 5	UZ
Item description	Torpedo spirit level	Line spirit level
Material	ABS plastic	ABS plastic
Surface	-	-
Colour	red	red
Profile weight	-	-
Max. Measuring tolerance standard position	-	-
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	1	-
Special characteristic	45° angle tube vial	-
Measuring surface	ABS plastic	V-groove
Magnet	Magnetic stripe	-
Handholds	-	-
End caps	-	-
Dimension	37 x 15 mm	24 x 13 mm

K 5



Model	L [cm]	VP	PU	Item no.	EAN
K 5	-	○	1	01430901	9002719001218
K 5	-	□	5	01430920	9002719001225

- Compact, lightweight, handy
- 2-axis levelling without re-positioning of the spirit level , through t-shaped arrangement of the vials
- Break-resistant acrylic tube vials
- Screw holes for a permanent fixing

JP



Model	L [cm]	VP	PU	Item no.	EAN
JP	14	□	1	69051501	9002719008453

- Precise and comfortable alignment of pillars and posts
- Rubber strap for fixing to the workpiece
- For round and rectangular cross-sections
- Break-resistant acrylic tube vials

Technical details:

	K 5	JP
Item description	Cross spirit level	Post spirit level
Material	ABS plastic	ABS plastic
Surface	-	-
Colour	red	grey
Profile weight	-	-
Max. Measuring tolerance standard position	-	-
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	2	2
Number of vertical vials	-	1
Special characteristic	-	-
Measuring surface	ABS plastic	-
Magnet	-	-
Handholds	-	-
End caps	-	-
Dimension	45 x 60 mm	9 x 14 mm

Model	L [cm]	VP	PU	Item no.	EAN
R 102	9.5	○	1	01616101	9002719018759
R 102	9.5	☐	4	01616120	9002719023173
R 102	9.5	☐	10	01616142	9002719027997

- Precise, CNC milled horizontal and vertical vial
- Electrically non-conductive, shatter-proof acrylic glass
- Compact, lightweight, handy
- Resistant against water, heat and cold
- Imprinted scaling in a 5 mm grid
- Transparent

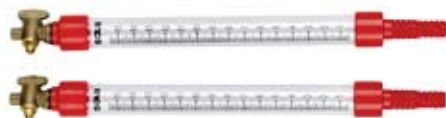


Technical details:

R 102

Item description	Small spirit level
Material	Acrylic glass
Surface	-
Colour	transparent
Profile weight	-
Max. Measuring tolerance standard position	1.00 mm/m (0.057°)
Max. Measuring tolerance inverted measurement	-
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	-
Measuring surface	acrylic glass
Magnet	-
Handholds	-
End caps	-
Dimension	49 x 15 mm

S 1012



Model	L [cm]	VP	PU	Item no.	EAN
S 1012	28		5	01450120	9002719000983

- Rapid, precise levelling, even in narrow space situations
- Tubes made of break-resistant acrylic glass
- Immediately ready to use: after the initial filling, no drain required
- Brass-venting valves with seal rings

SP 10



Model	L [cm]	VP	PU	Item no.	EAN
SP 10	29		5	01450220	9002719001003

- Rapid, precise levelling, even in narrow space situations
- Tubes made of break-resistant acrylic glass
- Immediately ready to use: after the initial filling, no drain required
- Plastic sealing plugs

Technical details:

	S 1012	SP 10
Item description	Tube spirit level	Tube spirit level
Material	Acrylic glass	Acrylic glass
Surface	-	-
Colour	transparent	transparent
Special characteristic	-	-
Lock	Brass	Plastic
	0 – 155 mm	0 – 155 mm
Tube diameter	10/12 mm (1/2")	10/12 mm (1/2")

HOSE WATER LEVELS

S 120

Model	L [cm]	VP	PU	Item no.	EAN
S 120	20		20	01452201	9002719001065

- Rapid, precise levelling, even in narrow space situations
- Tubes made of break-resistant acrylic glass
- Immediately ready to use: after the initial filling, no drain required
- Brass-venting valves with seal rings



SCHL

Model	L [cm]	VP	PU	Item no.	EAN
SCHL 15	15	○	1	22142201	9002719001959
SCHL 20	20	○	1	22142301	9002719001966
SCHL 30	30	○	1	22142401	9002719005902
SCHL 120	120	○	1	22142801	9002719003694

- Extra soft plastic, transparent red
- Fits on all SOLA hose water levels



Technical details:

	S 120	SCHL
Item description	Hose water level set	Hose
Material	Acrylic glass/PVC transparent	PVC transparent
Surface	-	-
Colour	transparent/red	red
Special characteristic	Hose water level S 2012 + hose	-
Lock	Brass	-
	0 – 155 mm	-
Tube diameter	10/12 mm (1/2")	10/12 mm (1/2")

SPECIAL VIALS

DB



Model	L [cm]	Ø [mm]	VP	PU	Item no.	EAN
DB 12		12	○	1	69213101	9002719010579
DB 14		14	○	1	69213201	9002719010586
DB 15		15	○	1	69213301	9002719010593
DB 18		18	○	1	69213401	9002719010609
DB 20		20	○	1	69213501	9002719009481

- Quick and easy reading
- Comfortable 2-axis levelling without re-positioning of the vial

DF



Model	L [cm]	Ø [mm]	VP	PU	Item no.	EAN
DF 30		30	○	1	69214201	9002719009696

- Quick and easy reading
- Comfortable 2-axis levelling without re-positioning of the vial
- Screw holes for a permanent fixing

Technical details:

	DB	DF
Item description	Bull's-eye vial	Bull's-eye vial
Material	Acrylic glass	Acrylic glass/plastic
Surface	-	-
Colour	transparent	transparent/black
Fastening	-	Flange
Vial fluid	green	green

SPECIAL VIALS

DR

Model	L [cm]	Ø [mm]	Sensitivity	VP	PU	Item no.	EAN
DR 20		20	25 arc.min	○	1	69210101	9002719009429
DR 25		25	25 arc.min	○	1	69210201	9002719009436
DR 30		30	25 arc.min	○	1	69210301	9002719009443
DR 40		40	15 arc.min	○	1	69210501	9002719009467
DR 50		50	10 arc.min	○	1	69210701	9002719009498

- Quick and easy reading
- Comfortable 2-axis levelling without re-positioning of the vial
- Screw holes for a permanent fixing



SPIRIT LEVELS

F

Model	L [cm]	VP	PU	Item no.	EAN
F 15 OF	15	○	1	05091101	9002719030058
F 15 MF	15	○	1	05091201	9002719030065

- Precision glass tube vial, shock-proof mounted
- Scale: 1 scale division = 0.7 mm/m (0.04°)
- Adjusting spring for the precise alignment of the vial
- Better readability in dim light through an optimised SOLA luminous backing
- OF: without adjusting spring, MF: with adjusting spring

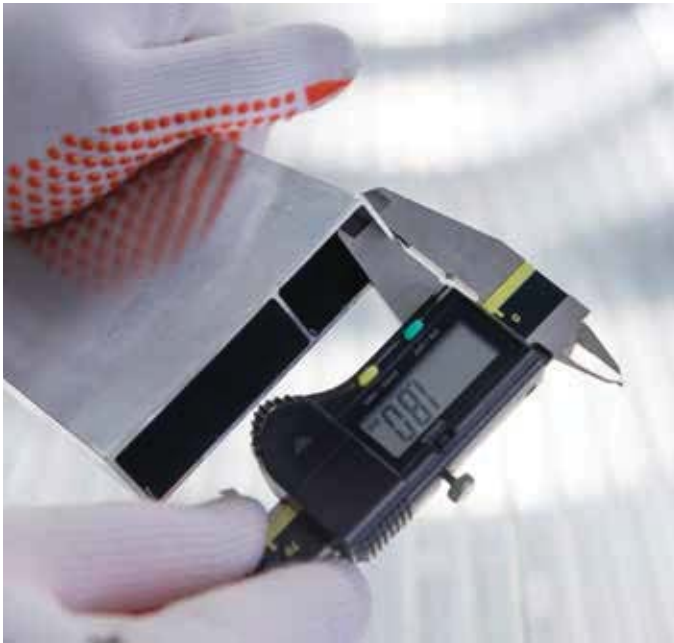


Technical details:

	DR	F
Item description	Bull's-eye vial	Mounting spirit level
Material	Glass/brass	Glass/aluminium
Surface	nickel-plated	anodized
Colour	transparent/nickel-coloured	transparent/gold
Fastening	Flange	Screw/adjusting spring
Vial fluid	colourless	colourless



SCREEDING LEVELS



PROFILE STRENGTH

Branded screeding levels have a profile weight per meter of at least 650 g/linear meter! The profile weight, i.e. the respective wall thickness determines the lifespan of a screeding level. We warn you of screeding levels with lower profile weights! They are not sufficiently robust and resistant.



DETERIORATION

The screeding of plaster, rough materials and grit causes considerable abrasion. Therefore, the weight and wall thickness of the screeding planks are of great importance in this area of application. Screeding levels with a high weight per meter have a considerably longer lifespan than their lightweight equivalents.



QUALITY CONTROL

Each individual screeding level is tested and adjusted. Thus, we can guarantee that everything that is stated on the packaging is upheld in reality. A quality screeding level always indicates a maximum measuring tolerance which may not exceed 1.00 mm/m. SOLA screeding levels have a tolerance of 0.50 mm/m to 1.00 mm/m, depending on the model.



30-YEAR GUARANTEE PATENTED ULTRASONIC WELDING














The leak protection is based on the ultrasonic welding of the vials, which we patented in 1969. With more experience and know-how than any other manufacturer in this area, we can make the 30-year guarantee with confidence.



BREAK-RESISTANT ACRYLIC FOCUS VIALS

Since 2011 all SOLA quality spirit levels and screeding levels are equipped with the patented FOCUS vial. Compared with standard ring vials our FOCUS vials show a considerable higher contrast. Therefore this allows a better, faster and more accurate reading. This has been proofed impressively through tests with professional craftsmen throughout Europe. In addition to the unbeatable precision, the vials are also distinguished by their resistance to breakage or deformation. The vial fluid is antistatic with a very good UV resistance.



SCREEDING LEVELS WITH VIALS		Max. Measuring tolerance standard position	Max. Measuring tolerance inverted measurement	
SL 2		0.75	-	Page 44
SLG 2		0.75	-	Page 44
SLGI 2		0.75	-	Page 45
SL 1		0.75	-	Page 45
SLG 1		0.75	-	Page 46
SLN 1		0.75	-	Page 46
SLX 2		1.00	-	Page 47
SLXG 2		1.00	-	Page 47
SCREEDING EDGES WITHOUT VIALS				
AL 1008		-	-	Page 48
AL 1009		-	-	Page 48
AL 1007		-	-	Page 49
AL 2605		-	-	Page 49
AL 2606		-	-	Page 50

SL 2



Model	L [cm]	VP	PU	Item no.	EAN
SL 2 100	100	○	1	02010101	9002719001348
SL 2 150	150	○	1	02010401	9002719001355
SL 2 180	180	○	1	02010501	9002719001362
SL 2 200	200	○	1	02010601	9002719001379
SL 2 250	250	○	1	02010901	9002719001393
SL 2 300	300	○	1	02011001	9002719001409

- › Horizontal and vertical vial with a high accuracy
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps

SLG 2



Model	L [cm]	VP	PU	Item no.	EAN
SLG 2 200	200	○	1	02014601	9002719001584
SLG 2 250	250	○	1	02014901	9002719001607
SLG 2 300	300	○	1	02015001	9002719001614
SLG 2 400	400	○	1	02015201	9002719001621

- › Horizontal and vertical vial with a high accuracy
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps
- › Integrated handles for a comfortable grip

Technical details:

	SL 2	SLG 2
Item description	Screeding level	Screeding level
Material	Aluminium box profile	Aluminium box profile
Surface	nature	nature
Colour	nature	nature
Profile weight	870 g/m	870 g/m
Max. Measuring tolerance standard position	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	-
Handholds	-	2
End caps	1-c	1-c
Dimension	100 x 18 mm	100 x 18 mm

SCREEDING LEVELS WITH VIALS

SLGI 2

Model	L [cm]	VP	PU	Item no.	EAN
SLGI 2 200	200	○	1	02014631	9002719020264

- › Horizontal and vertical vial with a high accuracy
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps
- › Integrated handles for a comfortable grip



SCREEDING LEVELS

SL 1

Model	L [cm]	VP	PU	Item no.	EAN
SL 1 100	100	○	1	02012101	9002719001416
SL 1 150	150	○	1	02012401	9002719001423
SL 1 200	200	○	1	02012601	9002719001447
SL 1 250	250	○	1	02012901	9002719001454
SL 1 300	300	○	1	02013001	9002719001461

- › Horizontal vial with a high accuracy
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps



Technical details:

	SLGI 2	SL 1
Item description	Screeding level	Screeding level
Material	Aluminium box profile	Aluminium box profile
Surface	nature	nature
Colour	nature	nature
Profile weight	870 g/m	870 g/m
Max. Measuring tolerance standard position	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	1	-
Special characteristic	-	-
Handholds	2 (inside)	-
End caps	1-c	1-c
Dimension	100 x 18 mm	100 x 18 mm

SCREEDING LEVELS WITH VIALS

SLG 1



Model	L [cm]	VP	PU	Item no.	EAN
SLG 1 300	300	○	1	02017001	9002719001553
SLG 1 400	400	○	1	02017201	9002719001560
SLG 1 500	500	○	1	02017401	9002719001577

- › Horizontal vial with a high accuracy
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps
- › Integrated handles for a comfortable grip

SLN 1



Model	L [cm]	VP	PU	Item no.	EAN
SLN 1 100	100	○	1	02040101	9002719001478
SLN 1 150	150	○	1	02040401	9002719001485
SLN 1 200	200	○	1	02040601	9002719001508
SLN 1 250	250	○	1	02040901	9002719001515
SLN 1 300	300	○	1	02041001	9002719001522

- › Horizontal vial with a high accuracy
- › Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps
- › Better readability in dim light through an optimised SOLA luminous backing

Technical details:

	SLG 1	SLN 1
Item description	Screeding level	Screeding level
Material	Aluminium box profile	Aluminium box profile
Surface	nature	nature
Colour	nature	nature
Profile weight	870 g/m	770 g/m
Max. Measuring tolerance standard position	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	2	1
Number of vertical vials	-	-
Special characteristic	-	-
Handholds	2	-
End caps	1-c	1-c
Dimension	100 x 18 mm	80 x 18 mm

SCREEDING LEVELS WITH VIALS

SLX 2

Model	L [cm]	VP	PU	Item no.	EAN
SLX 2 150	150	○	1	02070401	9002719007951
SLX 2 180	180	○	1	02070501	9002719007968
SLX 2 200	200	○	1	02070601	9002719007975
SLX 2 250	250	○	1	02070901	9002719007982
SLX 2 300	300	○	1	02071001	9002719007999

- › Horizontal and vertical vial
- › High-strength aluminum profile for the professional craftsmen
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps



SCREEDING LEVELS

SLXG 2

Model	L [cm]	VP	PU	Item no.	EAN
SLXG 2 200	200	○	1	02074601	9002719008422
SLXG 2 250	250	○	1	02074901	9002719008439
SLXG 2 300	300	○	1	02075001	9002719008446

- › Horizontal and vertical vial
- › High-strength aluminum profile for the professional craftsmen
- › Better, faster and more accurate reading through the patented SOLA FOCUS vials
- › Break-resistant acrylic block-vials with a tightness guarantee of 30 years
- › Shock-absorbing end caps
- › Integrated handles for a comfortable grip



Technical details:

	SLX 2	SLXG 2
Item description	Screeding level	Screeding level
Material	Aluminium box profile	Aluminium box profile
Surface	nature	nature
Colour	nature	nature
Profile weight	700 g/m	700 g/m
Max. Measuring tolerance standard position	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Max. Measuring tolerance inverted measurement	-	-
Number of horizontal vials	1	1
Number of vertical vials	1	1
Special characteristic	-	-
Handholds	-	2
End caps	1-c	1-c
Dimension	100 x 18 mm	100 x 18 mm

SCREEDING EDGES WITHOUT VIALS

AL 1008



Model	L [cm]	VP	PU	Item no.	EAN
AL 1008 200	200	○	1	03070601	9002719001645
AL 1008 250	250	○	1	03070901	9002719001652
AL 1008 300	300	○	1	03071001	9002719001669
AL 1008 400	400	○	1	03071201	9002719001683
AL 1008 500	500	○	1	03071401	9002719001690

- ▶ Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- ▶ Shock-absorbing end caps
- ▶ Integrated handles for a comfortable grip

AL 1009



Model	L [cm]	VP	PU	Item no.	EAN
AL 1009 100	100	○	1	03100101	9002719003625
AL 1009 150	150	○	1	03100401	9002719001706
AL 1009 200	200	○	1	03100601	9002719001713
AL 1009 250	250	○	1	03100901	9002719001720
AL 1009 300	300	○	1	03101001	9002719001737
AL 1009 400	400	○	1	03101201	9002719001751
AL 1009 500	500	○	1	03101401	9002719003663
AL 1009 600	600	○	1	03101601	9002719003670

- ▶ Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- ▶ Shock-absorbing end caps

Technical details:

	AL 1008	AL 1009
Item description	Screeding edge	Screeding edge
Material	Aluminium box profile	Aluminium box profile
Surface	nature	nature
Colour	nature	nature
Profile weight	870 g/m	870 g/m
Handholds	2	-
End caps	1-c	1-c
Dimension	100 x 18 mm	100 x 18 mm

SCREEDING EDGES WITHOUT VIALS

AL 1007

Model	L [cm]	VP	PU	Item no.	EAN
AL 1007 100	100	○	1	03040101	9002719003267
AL 1007 150	150	○	1	03040401	9002719003274
AL 1007 180	180	○	1	03040501	9002719003281
AL 1007 200	200	○	1	03040601	9002719003298
AL 1007 250	250	○	1	03040901	9002719003311
AL 1007 300	300	○	1	03041001	9002719003328
AL 1007 350	350	○	1	03041101	9002719003335
AL 1007 400	400	○	1	03041201	9002719003342
AL 1007 500	500	○	1	03041401	9002719003359
AL 1007 600	600	○	1	03041601	9002719003366

- High-strength aluminum profile for the professional craftsmen
- Shock-absorbing end caps



SCREEDING LEVELS

AL 2605

Model	L [cm]	VP	PU	Item no.	EAN
AL 2605 100	100	○	1	03190101	9002719002109
AL 2605 120	120	○	1	03190201	9002719002116
AL 2605 150	150	○	1	03190401	9002719002123
AL 2605 180	180	○	1	03190501	9002719002130
AL 2605 200	200	○	1	03190601	9002719002147
AL 2605 250	250	○	1	03190901	9002719002154
AL 2605 300	300	○	1	03191001	9002719002161

- Ergonomic, torsionally rigid aluminium profile



Technical details:

	AL 1007	AL 2605
Item description	Screeding edge	Screeding edge
Material	Aluminium box profile	Aluminium-H-profile
Surface	nature	nature
Colour	nature	nature
Profile weight	670 g/m	850 g/m
Handholds	-	-
End caps	1-c	-
Dimension	100 x 18 mm	113 x 28 mm

SCREEDING EDGES WITHOUT VIALS

AL 2606

SCREEDING LEVELS



Model	L [cm]	VP	PU	Item no.	EAN
AL 2606 100	100	○	1	03220101	9002719002185
AL 2606 120	120	○	1	03220201	9002719002192
AL 2606 150	150	○	1	03220401	9002719002208
AL 2606 180	180	○	1	03220501	9002719002215
AL 2606 200	200	○	1	03220601	9002719002222
AL 2606 250	250	○	1	03220901	9002719002239
AL 2606 300	300	○	1	03221001	9002719002246

- Ergonomic, torsionally rigid aluminium profile
- Shock-absorbing end caps

Technical details:

AL 2606

Item description	Screeding edge
Material	Aluminium trapezium profile
Surface	nature
Colour	nature
Profile weight	680 g/m
Handholds	-
End caps	1-c
Dimension	98 x 17 mm



LASERS



IP PROTECTION BY SOLA

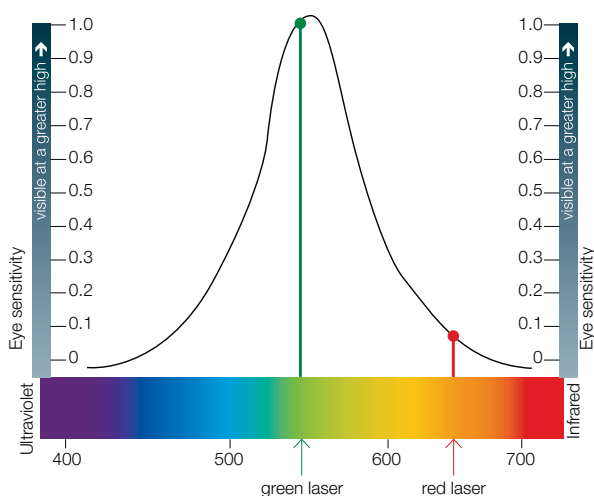
- IP52 is recommended for devices, used mainly inside, but also in a wet environment.
- IP54 is necessary for all devices, used inside, as well as outside.
- IP66 is used for all devices, used mainly outside in all weather conditions and additionally on very dusty sites.



WAVELENGTHS OF LIGHT

The human eye is sensitive to light in the wavelength range of about 711 nm (red) to 389 nm (violet). Thus short-wave ultraviolet light or ultraviolet light, as is known, is invisible to us. SOLA laser devices operate in a range of 680 nm (red) to 529 nm (green) and therefore easily visible to the human eye.

VISIBLE LIGHT SPECTRUM

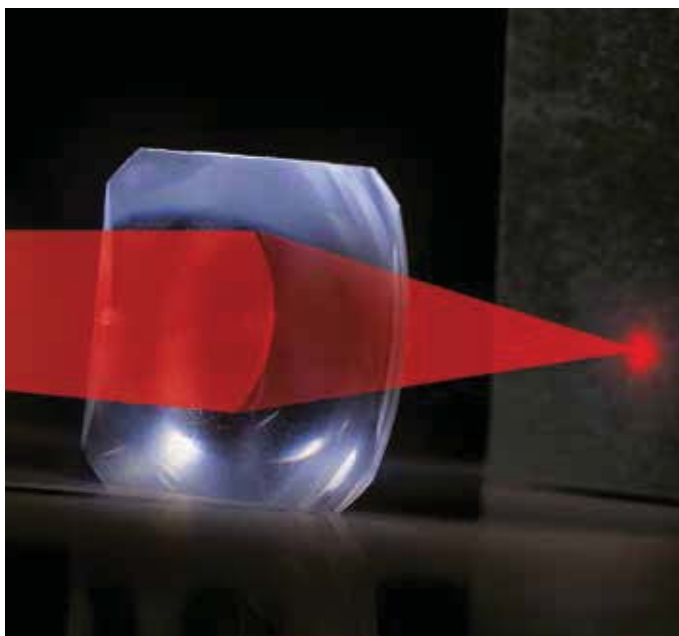


LASER CLASSES

Laser classes are generally divided into two groups. Those that conform to the European standard EN 60825-1 and those that conform to the American standard FDA 1040.10:1.4.97

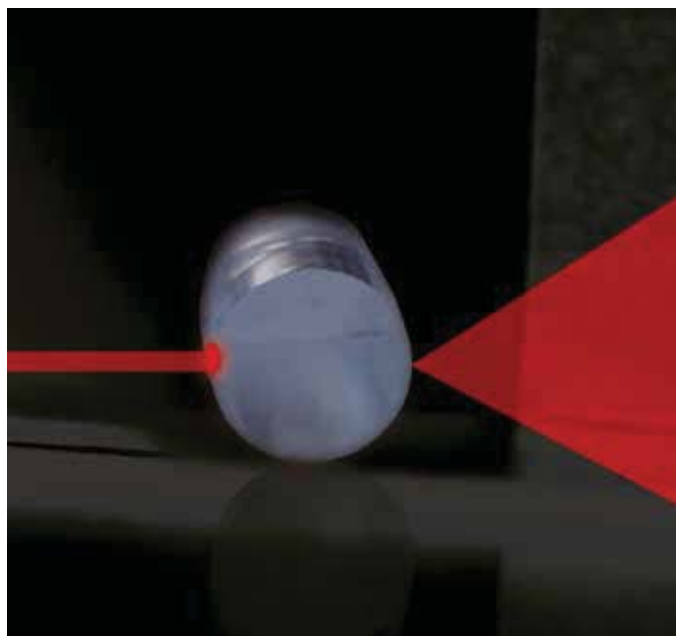
LASER CLASSES IN ACCORDANCE WITH EN 60825-1

Class	Description
1	Accessible laser radiation is harmless
1M	Accessible laser radiation is harmless without optical instruments (magnifying glass, telescopes)
2	Accessible laser radiation in the visible spectrum (400 nm to 700 nm), is harmless when exposure to it is brief
2M	Like class 2, without optical instruments (magnifying glass, telescopes)
3R	Laser radiation dangerous for the eye
3B	Laser radiation dangerous for the eye, in some cases also for the skin
4	Laser radiation very dangerous for the eye and dangerous for the skin, danger of fire and explosion



POINT LASER

The lens concentrates the emitted laser light to a point.



LINE LASER

The laser point is refracted by a tube lens, creating a laser line.

AUTOMATIC ROTATION LASER

By rotation the laser point becomes a pulsed 360° laser line, with which you are able to level off and align objects.

LEVELLING TYPES

AUTO-LEVELLING LASER


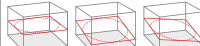


































- Magnetic pendulum with cardan system

















AUTOMATIC LASER

- Adjustment with servo motor and electronic vial









MANUAL LASER

- Adjustment by means of adjusting screw and vial

ROTATION LASER				Max. Measuring tolerance standard position	
PROTON S				–	Page 58
PROTON H				–	Page 59
LINE AND POINT LASER					
9X MULTICROSS				–	Page 60
IOX5 PROFESSIONAL				–	Page 61
IOX5 BASIC				–	Page 62
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QUBO BASIC				–	Page 64
CROSSLINE				–	Page 65
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FCL FLOORCROSS				–	Page 67
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SOLA-LI-ION AKKU-SET 5.2				–	Page 70
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BST				–	Page 72
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FL		–	Page 75
ML 5		–	Page 75
LB RED		–	Page 75
ZS RED	 	–	Page 76
ZS		–	Page 76
LASER SPIRIT LEVELS			
LASERTRONIC ELWX 60		0.25	Page 77
LASERTRONIC ELWXM 80	 	0.25	Page 78
PROFILINE LWX 60		0.25	Page 79
LASER SPIRIT LEVEL ACCESSORIES			
ST		–	Page 80
WP		–	Page 80
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ROTATION LASER		REC RRDO	REC RR00	PN RC	IOX5-REC	LI-ION AKKU/ AKKU-SET	LG	LST	BA	CC
PROTON S		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROTON H		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

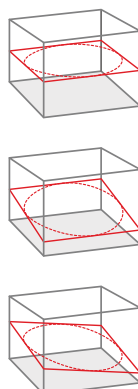
LINE AND POINT LASER										
9X MULTICROSS					<input type="checkbox"/>					
IOX5 PROFESSIONAL					<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IOX5 BASIC					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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CROSSLINE					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SMART										
FCL FLOORCROSS										

				
LASER SPIRIT LEVELS		ST	WP	NB
LASERTRONIC ELWX 60		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROFILINE LWX 60		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ELWXM 80		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

TST	KST	BST	FST	KLST	FWH	UH	NK1	GA-SET	FL	ML 5	LB RED	ZS RED	ZS
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											<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PROTON S



Model	VP	PU	Item no.	EAN
PROTON S		1	71017501	9002719028413

- Automatic levelling in the 1-axis inclined operation up to an angle of 30° (with inclination adapter NK1)
- Receiver with a high range and digital measurement display
- SOLA Li-ion battery: full performance and a good visibility of the laser line till the very end
- Inclination functions are only accessible via the remote control
- Without a remote control: a safe operation is even possible for less experienced users
- Automatic height monitoring, stops the laser in case of strong vibration



Included accessories

- Receiver REC RRD0 with fastening bracket
- Remote control PN RC
- SOLA Li-ion battery 5.2
- SOLA Li-ion battery charging station LS
- SOLA Li-ion battery charger LG
- Country-specific plug EU/UK LS-EU/LS-UK
- Device pouch, large

Optional accessories

- see accessories table

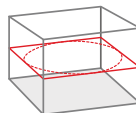
Technical details:

Item description	PROTON S
Levelling	Horizontal rotation laser automatic
Max. measurement tolerance	±0.10 mm/m
Self-levelling range	±5°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	500 m*
Operating temperature	-5 °C to +50 °C
Rotation speed	600 1/min
Tripod adapter	5/8"
Protection class	IP66
Power supply	SOLA Li-ion battery (5200 mAh)
Operating time (at 20 °C)	30 hrs
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 3.4 mW
Wavelength	630 – 680 nm

PROTON H

Model	VP	PU	Item no.	EAN
PROTON H		1	71017401	9002719028376

- Particularly easy and safe operation even for less experienced users
- High accuracy
- Automatic height monitoring, stops the laser in case of strong vibration
- Robust: IP66 protection and a drop resistance rating from one meter height onto concrete
- SOLA Li-ion battery: full performance and a good visibility of the laser line till the very end



Included accessories

- Receiver REC RR00 with fastening bracket
- SOLA Li-ion battery 5.2
- SOLA Li-ion battery charging station LS
- SOLA Li-ion battery charger LG
- Country-specific plug EU/UK LS-EU/LS-UK
- Device pouch, large

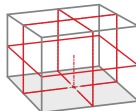
Optional accessories

- see accessories table

Technical details:

Item description	PROTON H
Levelling	Horizontal rotation laser
Max. measurement tolerance	automatic
Self-levelling range	±0.10 mm/m
Application range without handheld receiver (radius)	±5°
Application range with handheld receiver (radius)	20 m*
Operating temperature	350 m*
Rotation speed	-5 °C to +50 °C
Tripod adapter	600 1/min
Protection class	5/8"
Power supply	IP66
Operating time (at 20 °C)	SOLA Li-ion battery (5200 mAh)
Laser class	30 hrs
Output power	2, DIN EN 60825-1 : 2007-10
Wavelength	< 3.4 mW
	630 – 680 nm

9X MULTICROSS



Model	VP	PU	Item no.	EAN
9X MULTICROSS		1	71015501	9002719016212

- 5 laser crosses and plumbing point: 360° horizontal and vertical measurement
- Very visible laser lines, individually switchable
- Rotatable through flexible plumbing point for a quick and easy alignment
- Alternative mounting option for tripods through detachable feet
- Switchable pulse function for the use of the optional receiver iOX5-REC in difficult visibility conditions

Included accessories

- Laser visibility glasses LB RED
- Magnetic target plate ZS RED
- 4 x 1.5 V (C) batteries
- Hanging bag small

Optional accessories

- see accessories table



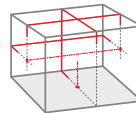
Technical details:

	9X MULTICROSS
Item description	Line and point laser
Dimension	215 x 140 x 140 mm
Levelling	self-levelling
Max. measurement tolerance	±0.20 mm/m
Self-levelling range	±3°
Application range without handheld receiver (radius)	15 m*
Application range with handheld receiver (radius)	30 m*
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	5/8"
Protection class	IP52
Power supply	4 x 1.5 V (C) batteries
Operating time (at 20 °C)	15 h (all diodes)
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 5.0 mW
Wavelength	8 x 635 nm/1 x 650 nm

IOX5 PROFESSIONAL

Model	VP	PU	Item no.	EAN
IOX5 PROFESSIONAL		1	71016601	9002719020134

- Easy to use: only one switch - and all laser lines are visible immediately
- Line panorama for dry-wall construction: continuous laser lines over head all the way to the rear wall
- Stable magnetic fixing on the drywall ground-rails
- Rotatable through flexible 360° plumbing point for a quick and easy alignment. Plumbing point is always on the rail edge.
- SOLA Li-ion battery: full performance and a good visibility of the laser line till the very end
- Switchable pulse function for the use of the optional receiver iOX5-REC in difficult visibility conditions



Included accessories

- SOLA Li-ion battery 5.2
- SOLA Li-Ion battery charging station LS
- SOLA Li-Ion battery charger LG
- Country-specific plug EU/UK LS-EU/LS-UK
- Device pouch, large
- Laser visibility glasses LB RED
- Magnetic target plate ZS RED
- Dry-wall construction TBA
- Battery adapter BA
- 2 x 1.5 V (AA) batteries
- Device pouch small
- Universal holder UH
- Compact tripod FST
- Thread adapter for FST

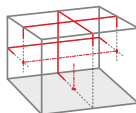
Optional accessories

- see accessories table

Technical details:

Item description	iOX5 PROFESSIONAL
Dimension	125 x 65 x 115 mm
Levelling	self-levelling
Max. measurement tolerance	±0.20 mm/m / ±0.30 mm/m (ceiling cross)
Self-levelling range	±4°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries SOLA Li-Ion battery (5200 mAh)
Operating time (at 20 °C)	11 h 3 x 1.5 V (AA) batteries 23 h SOLA Li-Ion battery (5200 mAh)
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	4 x 635 nm/3 x 650 nm

IOX5 BASIC



Model	VP	PU	Item no.	EAN
iOX5 BASIC		1	71016701	9002719020073

- ▶ Easy to use: only one switch - and all laser lines are visible immediately
- ▶ Line panorama for dry-wall construction: continuous laser lines over head all the way to the rear wall
- ▶ Stable magnetic fixing on the drywall ground-rails
- ▶ Rotatable through flexible 360° plumbing point for a quick and easy alignment. Plumbing point is always on the rail edge.
- ▶ Switchable pulse function for the use of the optional receiver iOX5-REC in difficult visibility conditions



Included accessories

- ▶ Dry-wall construction TBA
- ▶ Battery adapter BA
- ▶ 2 x 1.5 V (AA) batteries
- ▶ Device pouch small

Optional accessories

- ▶ see accessories table

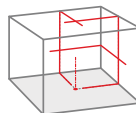
Technical details:

	iOX5 BASIC
Item description	Line and point laser
Dimension	125 x 65 x 115 mm
Levelling	self-levelling
Max. measurement tolerance	±0.20 mm/m / ±0.30 mm/m (ceiling cross)
Self-levelling range	±4°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries
Operating time (at 20 °C)	11 h 3 x 1.5 V (AA) batteries
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	4 x 635 nm/3 x 650 nm

QUBO PROFESSIONAL

Model	VP	PU	Item no.	EAN
QUBO PROFESSIONAL		1	71014501	9002719029984

- Easy to use: only one switch - and all laser lines are visible immediately
- Quick and precise checking of right angles and the straightness of floors and walls
- Stable magnetic fixing on the drywall ground-rails
- Rotatable through flexible 360° plumbing point for a quick and easy alignment. Plumbing point is always on the rail edge.
- SOLA Li-ion battery: full performance and a good visibility of the laser line till the very end
- Switchable pulse function for the use of the optional receiver iOX5-REC in difficult visibility conditions



Included accessories

- SOLA Li-ion battery 5.2
- SOLA Li-Ion battery charging station LS
- SOLA Li-Ion battery charger LG
- Country-specific plug EU/UK LS-EU/LS-UK
- Device pouch, large
- Laser visibility glasses LB RED
- Magnetic target plate ZS RED
- Dry-wall construction TBA
- Battery adapter BA
- 2 x 1.5 V (AA) batteries

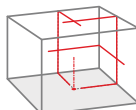
Optional accessories

- see accessories table

Technical details:

	QUBO PROFESSIONAL
Item description	Line and point laser
Dimension	115 x 103 x 135 mm
Levelling	self-levelling
Max. measurement tolerance	±0.20 mm/m / ±0.30 mm/m (plumbing point)
Self-levelling range	±4°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries SOLA Li-ion battery (5200 mAh)
Operating time (at 20 °C)	12 h 3 x 1.5 V (AA) batteries 28 h SOLA Li-ion battery (5200 mAh)
Laser class	2, DIN EN 60825-1 : 2008
Output power	< 1.0 mW
Wavelength	3 x 635 nm/1 x 650 nm

QUBO BASIC



Model	VP	PU	Item no.	EAN
QUBO BASIC		1	71014401	9002719029991

- Easy to use: only one switch - and all laser lines are visible immediately
- Quick and precise checking of right angles and the straightness of floors and walls
- Stable magnetic fixing on the drywall ground-rails
- Rotatable through flexible 360° plumbing point for a quick and easy alignment. Plumbing point is always on the rail edge.
- Switchable pulse function for the use of the optional receiver iOX5-REC in difficult visibility conditions



Included accessories

- Dry-wall construction TBA
- Battery adapter BA
- 2 x 1.5 V (AA) batteries
- Device pouch small

Optional accessories

- see accessories table

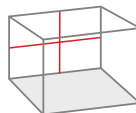
Technical details:

	QUBO BASIC
Item description	Line and point laser
Dimension	115 x 103 x 135 mm
Levelling	self-levelling
Max. measurement tolerance	±0.20 mm/m / ±0.30 mm/m (plumbing point)
Self-levelling range	±4°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries
Operating time (at 20 °C)	12 h 3 x 1.5 V (AA) batteries
Laser class	2, DIN EN 60825-1 : 2008
Output power	< 1.0 mW
Wavelength	3 x 635 nm/1 x 650 nm

CROSSLINE

Model	VP	PU	Item no.	EAN
CROSSLINE		1	71013501	9002719030911

- High accuracy
- Compact, lightweight, handy
- Bright, very visible laser lines
- Rotatable base for easy and rapid alignment of the line position
- Switchable pulse function for the use of the optional receiver iOX5-REC in difficult visibility conditions



Included accessories

- Battery adapter BA
- 2 x 1.5 V (AA) batteries
- Case

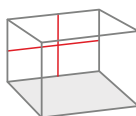
Optional accessories

- see accessories table

Technical details:

	CROSSLINE
Item description	Line laser
Dimension	120 x 65 x 105 mm
Levelling	self-levelling
Max. measurement tolerance	±0.20 mm/m
Self-levelling range	±4°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	1/4"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries SOLA Li-Ion battery (5200 mAh)
Operating time (at 20 °C)	10 h 3 x 1.5 V (AA) batteries 48 h SOLA-Li-Ion Akku (5200 mAh)
Laser class	2M, DIN EN 60825-1 : 2014
Output power	< 5.0 mW
Wavelength	635 nm

SMART



Model	VP	PU	Item no.	EAN
SMART		1	71013401	9002719030904

- Particularly easy and safe operation even for less experienced users
- Compact, lightweight, handy
- Bright, very visible laser lines
- Broad line spread gives a large working area



Included accessories

- 2 x 1.5 V (AA) batteries
- Case

Optional accessories

- see accessories table

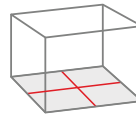
Technical details:

	SMART
Item description	Line laser
Dimension	97 x 71 x 85 mm
Levelling	self-levelling
Max. measurement tolerance	±0.50 mm/m
Self-levelling range	±3°
Application range without handheld receiver (radius)	10 m*
Application range with handheld receiver (radius)	-
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	1/4"
Protection class	-
Power supply	2 x 1.5 V (AA) batteries
Operating time (at 20 °C)	20 h (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	635 nm

FCL FLOORCROSS

Model	VP	PU	Item no.	EAN
FCL FLOORCROSS		1	71015601	9002719016229

- Particularly easy and safe operation even for less experienced users
- Laser cross in front and continuous 90° laser lines allow an uninterrupted working without re-positioning of the laser
- Very visible laser lines, individually switchable
- 5 mm ground clearance allows attaching the tiles under the device
- Adjustable feet to compensate for uneven ground



Included accessories

- Laser visibility glasses LB RED
- Hanging bag small
- 4 x 1.5 V (AA) batteries

Technical details:

	FCL FLOORCROSS
Item description	Floor-line laser
Dimension	55 x 235 x 115 mm
Levelling	Adjusting screws, bull's-eye vial
Max. measurement tolerance	±0.30 mm/m
Self-levelling range	-
Application range without handheld receiver (radius)	10 m*
Application range with handheld receiver (radius)	-
Operating temperature	-10 °C to +50 °C
Rotation speed	-
Tripod adapter	-
Protection class	IP52
Power supply	4 x 1.5 V (AA) batteries
Operating time (at 20 °C)	16 h (all diodes)
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	635 nm

REC RRD0



Model	VP	PU	Item no.	EAN
REC RRD0		1	71111701	9002719028437

- › New laser reception technology: precision mm display of the height difference even at large distances
- › Anti strobe-light sensor prevents false measurements
- › Large 100mm laser reception window for rapid localization of the laser beam
- › Extra large LED display on the front and back for a comfortable working
- › Optical and acoustic signal routing for a fast positioning of the receiver
- › Automatic switch-off

Included accessories

- › 2 x 1.5 V (AA) batteries
- › Fastening bracket

Optional accessories

- › see accessories table

REC RR00



Model	VP	PU	Item no.	EAN
REC RR00		1	71111601	9002719028420

- › Particularly easy and safe operation even for less experienced users
- › LED display on the front and back for a comfortable working
- › Vertical vial for exact alignment
- › Handy size
- › Automatic switch-off

Included accessories

- › 2 x 1.5 V (AA) batteries
- › Fastening bracket

Optional accessories

- › see accessories table

Technical details:

	REC RRD0	REC RR00
Item description	Handheld receiver for PROTON	Handheld receiver for PROTON
Dimension	168 x 76 x 36 mm (without bracket)	136 x 50 x 28 mm (without bracket)
Max. measurement tolerance	fine: ± 1.00 mm/rough: ± 5.00 mm	± 3.00 mm
Operating temperature	-20 °C to +60 °C	-20 °C to +50 °C
Protection class	IP67	IP67
Power supply	2 x 1.5 V (AA) batteries	2 x 1.5 V (AA) batteries
Operating time (at 20 °C)	70 hrs	75 hrs
Application range (Radius)	500 m*	350 m*
Weight	305 g (without batteries)	165 g (without batteries)

PN RC

Model	VP	PU	Item no.	EAN
PN RC		1	71112301	9002719028512

Included accessories

- 1 x 9 V E-Block battery



IOX5-REC

Model	VP	PU	Item no.	EAN
IOX5-REC		1	71110801	9002719020127

- Adjustable accuracy
- Vertical vial for exact alignment
- LCD display on the front and back for a comfortable working
- Automatic switch-off
- Magnet on the top side for attachment to steel profiles

Included accessories

- Fastening bracket
- 1 x 9 V E-Block battery

Optional accessories

- see accessories table



Technical details:	PN RC	IOX5-REC
Item description	Remote control for PROTON	Hand-held receiver for red line lasers
Dimension	120 x 65 x 23 mm	195 x 70 x 30 mm (without bracket)
Max. measurement tolerance	-	fine: ±1.00 mm/rough: ±3.00 mm
Operating temperature	-15 °C to +60 °C	-10 °C to +50 °C
Protection class	IP54	IP52
Power supply	1 x 9 V E-Block battery	1 x 9 V E-Block battery
Operating time (at 20 °C)	-	40 hrs
Application range (Radius)	7 - 10 m*	80 m*
Weight	72 g (without battery)	175 g (without battery)

SOLA-LI-ION AKKU-SET 5.2



Model	VP	PU	Item no.	EAN
SOLA-LI-ION AKKU-SET 5.2		1	71113901	9002719020103

- › Short charging time
- › SOLA charging management for a long service life
- › SOLA Li-ion battery: full performance and a good visibility of the laser line till the very end
- › Very little self-discharge, device is always ready for use
- › No memory effect, random charging or discharging

Included accessories

- › SOLA Li-ion battery 5.2
- › SOLA Li-ion battery charging station LS
- › SOLA Li-ion battery charger LG
- › Country-specific plug EU/UK LS-EU/LS-UK

SOLA-LI-ION AKKU 5.2



Model	VP	PU	Item no.	EAN
SOLA-LI-ION AKKU 5.2		1	71114001	9002719020110

- › Short charging time
- › SOLA charging management for a long service life
- › SOLA Li-ion battery: full performance and a good visibility of the laser line till the very end
- › Very little self-discharge, device is always ready for use
- › No memory effect, random charging or discharging

LG



Model	VP	PU	Item no.	EAN
LG Li-ion		1	71115001	9002719022909

Technical details:

	SOLA-LI-ION AKKU-SET 5.2	SOLA-LI-ION AKKU 5.2	LG
Item description	SOLA Li-ion battery set 5.2	SOLA Li-ion battery 5.2	Battery charger
Dimension	-	71 x 39 x 22 mm	-
Operating temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Battery type	SOLA Li-ion with protective electronics	SOLA Li-ion with protective electronics	SOLA Li-ion with protective electronics
Voltage	3.6 VDC	3.6 VDC	3.6 VDC
Capacity	5200 mAh	5200 mAh	-
Performance	-	-	18 W
Input voltage	-	-	100 - 240 VAC
Output voltage	-	-	3.6 VDC
Frequency	-	-	50 - 60 Hz
Storage temperature	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C
Charging time	3 - 5 h hrs	3 - 5 h hrs	3 - 5 h hrs

BATTERY ACCESSORIES

LST

Model	VP	PU	Item no.	EAN
LST Li-Ion		1	71116001	9002719022916



BA

Model	VP	PU	Item no.	EAN
BA		1	71116201	9002719030034



LASERS

CC

Model	VP	PU	Item no.	EAN
CC		1	71110901	9002719022930



Technical details:	LST	BA	CC
Item description	Battery charging station	Battery adapter	Car adapter
Dimension	85 x 46 x 34 mm	71 x 39 x 22 mm	-
Operating temperature	-10 °C to +50 °C	-10 °C to +50 °C	-15 °C to +50 °C
Battery type	SOLA Li-ion with protective electronics	3 x 1.5 V (AA) batteries	-
Voltage	3.6 VDC	4.5 VDC	-
Capacity	-	-	-
Performance	-	-	75 W
Input voltage	3.6 VDC	-	12 VDC
Output voltage	3.6 VDC	-	220 – 240 VAC ±10%
Frequency	-	-	50 Hz ± 3 Hz
Storage temperature	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +65 °C
Charging time	3 – 5 h hrs	-	-

TRIPODS

TST



Model	VP	PU	Item no.	EAN
TST		1	71121501	9002719016267

KST



Model	VP	PU	Item no.	EAN
KST		1	71121101	9002719013006

BST



Model	VP	PU	Item no.	EAN
BST		1	71120101	9002719009030

Technical details:	TST	KST	BST
Item description	Telescopic tripod	Crank tripod	Tripod BST
Material	Aluminium	Aluminium	Aluminium
Surface	anodized	anodized	anodized
Colour	silver	silver	silver
Weight	7500 g	6100 g	4800 g
Application area	120 – 305 cm	73 – 170 cm	98 – 167 cm
Tripod thread	5/8"	5/8"	5/8"
Transport length	139 cm	94 cm	112 cm
Maximum load	15 kg	15 kg	5 kg

TRIPODS

FST

Model	VP	PU	Item no.	EAN
FST		1	71121701	9002719020141

Included accessories

- 5/8" thread adapter



KLST

Model	VP	PU	Item no.	EAN
KLST		1	71122001	9002719020097



LASERS

FWH

Model	VP	PU	Item no.	EAN
FWH		1	71123801	9002719020158



Technical details:	FST	KLST	FWH
Item description	Compact tripod	Clamping rod	Flexible wall mount
Material	Aluminium	Steel	ABS, fibre-glass reinforced
Surface	anodized	epoxy coated	-
Colour	silver	grey	black
Weight	1280 g	3700 g	1300 g
Application area	42 – 120 cm	155 – 420 cm	87 mm fine height adjustment
Tripod thread	1/4"	-	5/8"
Transport length	46 cm	160 cm	319 mm
Maximum load	5 kg	150 kg	5 kg

UH



Model	VP	PU	Item no.	EAN
UH		1	71123701	9002719020080

➤ Magnetic

NK1



Model	VP	PU	Item no.	EAN
NK1		1	71128501	9002719018933

GA-SET



Model	VP	PU	Item no.	EAN
GA-SET		1	71115941	9002719023913

Technical details:	UH	NK1	GA-SET
Item description	Universal holder	Inclination apter	Threaded adapter-set for tripods
Material	ABS, fibre-glass reinforced	Aluminum die-cast	Aluminium
Surface	-	epoxy coated	anodized
Colour	black	black	silver/black
Weight	500 g	950 g	-
Application area	80 mm fine height adjustment	-10° to +100°	-
Tripod thread	1/4" and 5/8"	5/8"	1/4" to 5/8" and 5/8" to 1/4"
Transport length	160 mm	70 mm	-
Maximum load	1 kg	-	-

OTHER LASER ACCESSORIES

Model	VP	PU	Item no.	EAN
FL		1	71132101	9002719009092



FL

Model	VP	PU	Item no.	EAN
ML 5		1	71130501	9002719013013



ML 5

Model	VP	PU	Item no.	EAN
LB RED		1	71124501	9002719009122



LB RED

LASERS

Technical details:	FL	ML 5	LB RED
Item description	Flexi-rod	Measuring rod	Laser visibility glasses
Material	Aluminium	Aluminium	Plastic
Surface	anodized	anodized	-
Colour	silver/red	silver	red
Special characteristic	Bull's-eye vial for positioning	5 links	-
Dimension	-	-	150 x 60 x 50 mm
	cm/inch, printed	cm/dm, printed	-
Weight	890 g	2200 g	-
Application area	120 – 240 cm	124.5 – 500 cm	-
Transport length	120 cm	125 cm	-

ZS RED



Model	VP	PU	Item no.	EAN
ZS RED		1	71126401	9002719022893

ZS



Model	VP	PU	Item no.	EAN
ZS		1	71126201	9002719013136

Technical details:	ZS RED	ZS
Item description	Target plate	Target plate
Material	Plastic	Plastic
Surface	-	-
Colour	red, reflective	red
Special characteristic	magnetic, with support and nail hole	-
Dimension	115 x 75 x 12 mm	80 x 60 x 2 mm
	cm/inch, printed	cm, printed
Weight	-	-
Application area	-	-
Transport length	-	-

LASERTRONIC ELWX 60

Model	L [cm]	VP	PU	Item no.	EAN
LASERTRONIC ELWX 60	60		1	71050401	9002719010548

- Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.2° between 1° and 89°
- Adjustable inclination display in °, % and mm/m
- "Hold" function for storing measured values and for transferring angles
- Switchable audible signal guidance in difficult visible conditions
- Comfortable reading through a reversible display for inverted measurements
- Automatic switch-off



Included accessories

- 1 x 9 V E-Block battery
- 2 x 1.5 V (AAA) batteries

Technical details:

	LASERTRONIC ELWX 60
Item description	Laser spirit level with electronic inclinometer
Material	Aluminium
Surface	anodized
Colour	silver
Profile weight	890 g/m
Max. Measuring tolerance standard position	0.25 mm/m (0.014°)
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	Solatronic module
Measuring surface	anodized
Magnet	-
Handholds	-
End caps	1-c + 2-c
Dimension	59 x 26 mm
Power supply	2 x 1.5 V (AAA) batteries 1 x 9 V E-Block battery
Operating time (at 20 °C)	16 hrs
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	650 nm
Max. measurement tolerance laser	±0.15 mm/m (0.008°)

LASERTRONIC ELWXM 80

MAGNETIC

Model	L [cm]	VP	PU	Item no.	EAN
LASERTRONIC ELWXM 80	80		1	71050601	9002719014560

- ▶ Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.2° between 1° and 89°
- ▶ Adjustable inclination display in °, % and mm/m
- ▶ "Hold" function for storing measured values and for transferring angles
- ▶ Switchable audible signal guidance in difficult visible conditions
- ▶ Comfortable reading through a reversible display for inverted measurements
- ▶ Automatic switch-off

Included accessories

- ▶ 1 x 9 V E-Block battery
- ▶ 2 x 1.5 V (AAA) batteries

Technical details:
LASERTRONIC ELWXM 80

Item description	Laser spirit level with electronic inclinometer
Material	Aluminium
Surface	anodized
Colour	silver
Profile weight	890 g/m
Max. Measuring tolerance standard position	0.25 mm/m (0.014°)
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	Solatronic module
Measuring surface	anodized
Magnet	Ferrite pole shoe
Handholds	-
End caps	1-c + 2-c
Dimension	59 x 26 mm
Power supply	2 x 1.5 V (AAA) batteries 1 x 9 V E-Block battery
Operating time (at 20 °C)	16 hrs
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	650 nm
Max. measurement tolerance laser	±0.15 mm/m (0.008°)

PROFILINE LWX 60

Model	L [cm]	VP	PU	Item no.	EAN
PROFILINE LWX 60	60		1	71050901	9002719010739

- Highest degree of measuring precision
- Extra strong aluminium profile with reinforcing ribs for maximum stability
- Break-resistant acrylic block vials with a magnifying lens (+20%), and a tightness guarantee of 30 years
- Better readability in dim light through an optimised SOLA luminous backing
- Shock-absorbing end caps provide optimum protection against damages



Included accessories

- 2 x 1.5 V (AAA) batteries

Technical details:

	PROFILINE LWX 60
Item description	Laser spirit level
Material	Aluminium
Surface	anodized
Colour	silver
Profile weight	890 g/m
Max. Measuring tolerance standard position	0.25 mm/m (0.014°)
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	-
Measuring surface	anodized
Magnet	-
Handholds	-
End caps	1-c + 2-c
Dimension	59 x 26 mm
Power supply	2 x 1.5 V (AAA) batteries
Operating time (at 20 °C)	16 hrs
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	650 nm
Max. measurement tolerance laser	0.25 mm/m (0.014°)

ST



Model	VP	PU	Item no.	EAN
ST		1	71116101	9002719009085

WP



Model	VP	PU	Item no.	EAN
WP		1	71114101	9002719009078

NB



Model	VP	PU	Item no.	EAN
NB		1	71118701	9002719012986

Technical details:	ST	WP	NB
Item description	Beam splitter	Angle Prism	Levelling base
Special characteristic	magnetic	magnetic	-
Dimension	42 x 26 mm	42 x 26 mm	150 x 81 x 150 mm
Levelling	90° and horizontal plumb beam	90° angle	2 thumbscrews
Tripod adapter	-	-	5/8"
Application area	360°, rotatable	360°, rotatable	360°, rotatable



LASER DISTANCE METER



VECTOR 40 / 80

To find the right laser range fi nder for everyone, we worked together with trades people to put their most common applications to the test. The results were the VECTOR 40 and VECTOR 80 – two intuitively controllable laser range finders with a variety of functions, which enable you to measure more effectively with little effort.

VECTOR 40

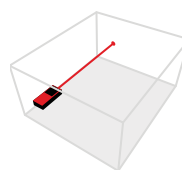
Ready for use at the touch of a button, using the VECTOR 40 is practically self-explanatory. Not only does it measure distances between two points or determine surface areas, but it also features other functions for everyday use. Rapid measuring that is state-of-the-art!

VECTOR 80

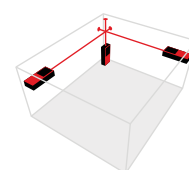
Incorporating the 10 most common functions, the VECTOR 80 is a practical device in many trades. In addition to the standard functions of the VECTOR 40, you can use it to add, subtract and calculate volumes. Its integrated measurement value memory also saves the last 20 results and it has an indirect 2-point measurement feature.

	VECTOR 40	VECTOR 80
Length measurement	■	■
Surface measurement	■	■
Volume measurement		■
Min. / max. measurement	■	■
Continuous measurement	■	■
Indirect 3-point measurement	■	■
Indirect 2-point measurement		■
Addition / subtraction		■
Measurement value memory		■

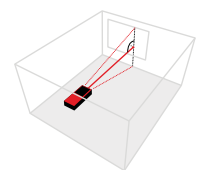
Length measurement



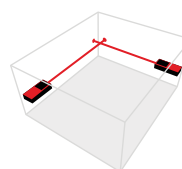
Volume measurement



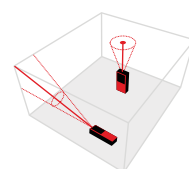
Indirect 3-point measurement



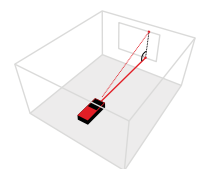
Surface measurement



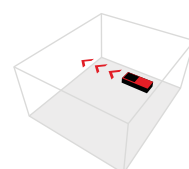
Min./ max. measurement



Indirect 2-point measurement



Continuous measurement



LASER DISTANCE METER



EASY TO OPERATE

Your most frequently used measuring functions are ready to use at the touch of a button. The display offers fast and intuitive navigation through the other function levels and settings.



4-row display +
backlight (VECTOR 80)



Large keys,
optimum layout



Min- /Max measurement

You can find out both minimum and maximum distances by measuring the shortest distance between 2 points or the longest distance, such as a diagonal.

Measuring right into the
corners (VECTOR 80)



Easy grip thanks to the
combination of plastic and
soft-touch components



LASER DISTANCE METER		
VECTOR 80		Page 86
VECTOR 40		Page 87

VECTOR 80



Model	VP	PU	Item no.	EAN
VECTOR 80		1	71021101	9002719030768

- Easy to use
- 4-line backlit display
- Soft grip and ergonomic design
- Automatically stores 20 readings
- Suitable for indoor and outdoor use
- Multifunctional end-piece

Included accessories

- 2 x 1.5 V (AAA) batteries
- Belt bag



Technical details:

	VECTOR 80
Item description	Laser distance meter
Dimension	115 x 52 x 32 mm
Max. measurement tolerance	±1.50 mm
Operating temperature	0 °C to +40 °C
Protection class	IP54
Power supply	2 x 1.5 V (AAA) batteries
Operating time (at 20 °C)	5000 measurements
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	635 nm
Storage temperature	-10 °C to +60 °C
Usage area	0.2 m to 80 m

VECTOR 40

Model	VP	PU	Item no.	EAN
VECTOR 40		1	71020101	9002719030751

- Easy to use
- 4-line backlit display
- Soft grip and ergonomic design
- Compact, lightweight, handy
- Automatic switch-off



Included accessories

- 2 x 1.5 V (AAA) batteries
- Belt clip



Technical details:

	VECTOR 40
Item description	Laser distance meter
Dimension	120 X 48 X 27 mm
Max. measurement tolerance	±1.50 mm
Operating temperature	0 °C to +40 °C
Protection class	-
Power supply	2 x 1.5 V (AAA) batteries
Operating time (at 20 °C)	5000 measurements
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	650 nm
Storage temperature	-10 °C to +60 °C
Usage area	0.2 m to 40 m



FOLDING RULES

FOLDING RULES



MEASURING TOLERANCE

All SOLA measuring rules correspond to accuracy Class III according to EC standards. This accuracy level must be indicated on the measuring rule in the form specified by these standards.



WOODEN RULES

SOLA wooden rules are made from Nordic Downy Birch or Beech. Birch: Due to the harsh northern climate, the tree grows very slowly, giving its wood a high degree of elasticity. Beech: Beech has a high degree of hardness and is thus strongly abrasion-resistant.

PLASTIC RULES

SOLA folding rules made from polyamide are 25% glass fibre reinforced. This results in a rule that is considerably less brittle at low temperatures. Note: The elasticity of this material mix ensures tremendous longevity.

Deviation \pm mm over total length			
Length	Class I	Class II	Class III
1 m	0.20	0.50	1.00
2 m	0.30	0.70	1.40

CONFORMITY MARKING

Since 30th October 2006 the Directive 2004/22/EC of the European Parliament is applied by all member states of the European Union and the EEA. This directive contains the procedures, under which manufacturers of measuring tools have to declare the conformity to the specification.

Note the following markings:

1. Nominal length of the measuring device
2. CE-marking
3. Year of manufacture
4. Mark from Office of Weights and Measures
5. Accuracy class
6. Manufacturers name or registered identification mark



FOLDING RULES



INSPECTION/CHECKING

The wood and the rule sections are continuously checked and sorted. Only 4% of a tree trunk reaches the required standard for a SOLA wooden folding rule.

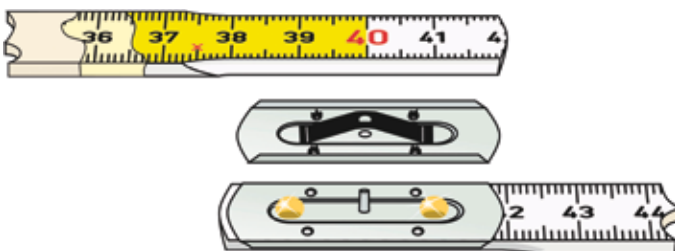


VARNISH/WOOD PROTECTION

All of the edges and ends of the wooden folding rule have been dipped in water-soluble varnish twice. The protective varnish is hardened by UV radiation, and is therefore very durable.

JOINTS/HINGES

The hinges of SOLA folding rules are made of high-grade epoxycoated Swedish steel, and thus can withstand the harshest weather conditions.



OVERVIEW FOLDING RULES

WOODEN FOLDING RULES		
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HC 2/10		Page 94
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PLASTIC FOLDING RULES		
HK 2/10 W		Page 97
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HKM 1/10 W		Page 97

H 2/10



Model	L [m]	VP	PU	Item no.	EAN
H 2/10	2		50	53010101	9002719018117
H 2/10	2		10	53010201	9002719018124

- ▶ Nordic Glass Birch ensures high degree of elasticity and resistance to breakage
- ▶ Concealed joints for better readability
- ▶ Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- ▶ Robust joints made of high-quality spring steel, epoxy coated for an optimal corrosion protection

HC 2/10



Model	L [m]	VP	PU	Item no.	EAN
HC 2/10	2		10	53010501	9002719018148

- ▶ Nordic Glass Birch ensures high degree of elasticity and resistance to breakage
- ▶ Concealed joints for better readability
- ▶ Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- ▶ Robust joints made of high-quality spring steel, epoxy coated for an optimal corrosion protection
- ▶ Internal metric scale on both sides for measuring directly on surfaces

H 1/6



Model	L [m]	VP	PU	Item no.	EAN
H 1/6	1		10	53011101	9002719018155

- ▶ Nordic Glass Birch ensures high degree of elasticity and resistance to breakage
- ▶ Concealed joints for better readability
- ▶ Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- ▶ Robust joints made of high-quality spring steel, epoxy coated for an optimal corrosion protection

Technical details:

	H 2/10	HC 2/10	H 1/6
Item description	Folding rule	Folding rule	Folding rule
Material	Nordic Birch	Nordic Birch	Nordic Birch
Surface	lacquered natural	lacquered natural	lacquered natural
	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides
Number of sections	10	10	6
Section thickness	2.4 mm	2.4 mm	2.4 mm
EC accuracy class	III	III	III
Joints	Steel, epoxy-coated	Steel, epoxy-coated	Steel, epoxy-coated

WOODEN FOLDING RULES

HW 2/10

Model	L [m]	VP	PU	Item no.	EAN
HW 2/10	2		50	53020501	9002719018193
HW 2/10	2		10	53020601	9002719018209

- Selected beech wood for high degree of hardness and strength
- Concealed joints for better readability
- Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy coated for an optimal corrosion protection



HG 2/10

Model	L [m]	VP	PU	Item no.	EAN
HG 2/10	2		50	53020101	9002719018162
HG 2/10	2		10	53020201	9002719018179

- Selected beech wood for high degree of hardness and strength
- Concealed joints for better readability
- Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy coated for an optimal corrosion protection



HF 2/10

Model	L [m]	VP	PU	Item no.	EAN
HF 2/10	2		50	53021101	9002719018223
HF 2/10	2		10	53021201	9002719018230

- Selected beech wood for high degree of hardness and strength
- Concealed joints for better readability
- Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy coated for an optimal corrosion protection



Technical details:	HW 2/10	HG 2/10	HF 2/10
Item description	Mitre squares	Mitre squares	Mitre squares
Material	Beech	Beech	Beech
Surface	lacquered, white	lacquered yellow	lacquered white/yellow
	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides
Number of sections	10	10	10
Section thickness	3.2 mm	3.2 mm	3.2 mm
EC accuracy class	III	III	III
Joints	Steel, epoxy-coated	Steel, epoxy-coated	Steel, epoxy-coated

HB 2/10



Model	L [m]	VP	PU	Item no.	EAN
HB 2/10	2	○	10	53060601	9002719016915

- Selected beech wood for high degree of hardness and strength
- Inboard joints for continuous scaling
- Highly abrasion-resistant, dirt-repellent and moisture-resistant protective coating
- Hardened, wear-free spring steel joints for a long service life

Technical details:

	HB 2/10
Item description	Mitre squares
Material	Beech
Surface	lacquered, white
	mm/cm, 2-piece, printed on both sides
Number of sections	10
Section thickness	3.2 mm
EC accuracy class	III
Joints	Spring steel, inside

PLASTIC FOLDING RULES

HK 2/10 W

Model	L [m]	VP	PU	Item no.	EAN
HK 2/10 W	2		10	53030201	9002719018278

- › Fiber-glass reinforced plastic with a high elasticity ensures a long service life
- › Inboard joints for continuous scaling
- › Cold and humidity resistant
- › Electrically non-conductive



HK 2/10 G

Model	L [m]	VP	PU	Item no.	EAN
HK 2/10 G	2		10	53030101	9002719018261

- › Fiber-glass reinforced plastic with a high elasticity ensures a long service life
- › Inboard joints for continuous scaling
- › Cold and humidity resistant
- › Electrically non-conductive



HKM 1/10 W

Model	L [m]	VP	PU	Item no.	EAN
HKM 1/10 W	1		10	53031301	9002719018292

- › Fiber-glass reinforced plastic with a high elasticity ensures a long service life
- › Inboard joints for continuous scaling
- › Cold and humidity resistant
- › Electrically non-conductive



Technical details:	HK 2/10 W	HK 2/10 G	HKM 1/10 W
Item description	Mitre squares	Mitre squares	Mitre squares
Material	Polyamide, fiber-glass reinforced	Polyamide, fiber-glass reinforced	Polyamide, fiber-glass reinforced
Surface	white	yellow	white
	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides
Number of sections	10	10	10
Section thickness	3.2 mm	3.2 mm	3.2 mm
EC accuracy class	III	III	III
Joints	Plastic, inside	Plastic, inside	Plastic, inside



SHORT TAPES



MEASURING TOLERANCE

All SOLA short tapes correspond to either Class I or Class II according to EC standards. Thus we can guarantee the utmost precision in measuring.

Deviation \pm mm over total length			
Length	Class I	Class II	Class III
2 m	0.30	0.70	1.40
3 m	0.40	0.90	1.80
5 m	0.60	1.30	2.60
8 m	0.90	1.90	3.80
10 m	1.10	2.30	4.60

CONFORMITY MARKING

Since 30th October 2006 the Directive 2004/22/EC of the European Parliament is applied by all member states of the European Union and the EEA. This directive contains the procedures, under which manufacturers of measuring tools have to declare the conformity to the specification.

Note the following markings:

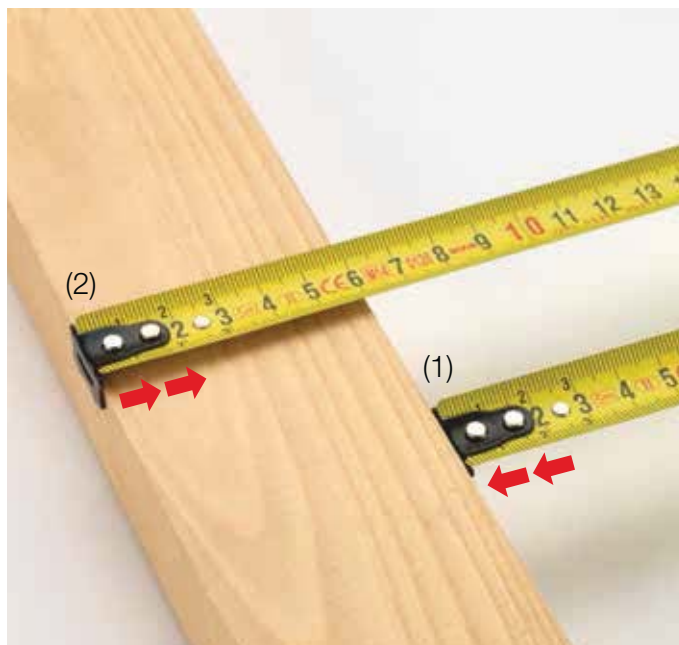
1. Nominal length of the measuring device
2. CE-marking
3. Year of manufacture
4. Mark from Office of Weights and Measures
5. Accuracy class
6. Manufacturers name or registered identification mark



BUMP STOP/WINDING ACTION

The momentum of the blade and the resulting impact of the end hook on the housing is gently absorbed by the buffer system. This greatly increases the longevity of the tape. The SOLA rewind system also results in a very smooth running of the tape. The tape is optimally wound in a space-saving manner; the housing is smaller and more ergonomic.





END HOOKS

The sliding end hook contributes to the high accuracy of the tape. For butt-up measurement (1) the end hook must slide to the zero point; for tension measurement (2), however, it must release the zero point. The sliding distance corresponds to the thickness of the end hook. The end hook is very susceptible to breakage and has therefore been reinforced severalfold for the high-quality SOLA tape measures:

- Reinforcement plate
- Riveting of the end hook:
 - 2 rivets 2/3 m
 - 3 rivets 5 m
 - 4 rivets 8/10 m



BAND STRUCTURE

SOLA short tapes are made of high quality steel with a high content of Carbon. All models are matt-coated and do not reflect or shine. This makes them easy to handle.











BRAKE

The Big T, Tri-Matic and Popular models from SOLA are equipped with a two-part brake mechanism. This ensures that a blade can be locked with millimetre accuracy. Tapes without this two-part brake have the disadvantage that on pressing the brake button, up to 10 mm of the tape is pulled back into the housing.

STAND-OUT

In order to obtain the highest possible inflexion point, the concavity of the tape must be optimally adjusted. Very high concavity results in high extension stability, but decreases running smoothness. SOLA tape measures are optimally adjusted to satisfy both requirements.

OVERVIEW SHORT TAPES

SHORT TAPES			
BIG T	I		Page 104
PRO-TM	I		Page 104
TRI-MATIC	I		Page 104
POPULAR	II		Page 105
UNI-MATIC	II		Page 105
PRO-FLEX	II		Page 105
VIDEO-FLEX	II		Page 106
TALMETER	II		Page 106

BIG T



I

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
BIG T 5	5	19		5	50021301	9002719014676
BIG T 8	8	25		5	50021401	9002719014683

- › Optimized 2-c plastic housing with an increased durability
- › Secure handling thanks to a non-slip surface and ergonomic design
- › Exact 2-piece tape brake for precise inner measuring
- › Gentle tape stop through 2-c plastic housing
- › Easier reading of the scaling through a transparent end hook
- › Improved handling through a patented, removable belt clip

PRO-TM



I

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
PRO-TM 3	3	19		5	50022001	9002719023180
PRO-TM 5	5	19		5	50022101	9002719023197
PRO-TM 8	8	25		5	50022201	9002719023203

- › Break-resistant 2-c plastic housing
- › Exact 2-piece tape brake for precise inner measuring
- › Shock absorber system for a gentle tape stop
- › Long-lasting protection against damages through a reinforced initial tape section
- › Metal support for safe working at heights
- › End hook provided with a slot enables the positioning on nails or screws

TRI-MATIC



I

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
TM 3	3	13		6	50023201	9002719002741
TM 5	5	19		6	50023301	9002719003151
TM 8	8	25		6	50023401	9002719003168
TM 10	10	25		6	50023501	9002719008934
TM 3	3	13		1	50023701	9002719010241
TM 5	5	19		1	50023801	9002719010289

- › Impact resistant ABS plastic housing
- › Handy, compact case design
- › Exact 2-piece tape brake for precise inner measuring
- › Shock absorber system for a gentle tape stop
- › Long-lasting protection against damages through a reinforced initial tape section
- › Robust steel belt clip for a secure grip

Technical details:

	BIG T	PRO-TM	TRI-MATIC
Item description	Short tape	Short tape	Short tape
	mm	mm	mm
EC accuracy class	I	I	I
Material tape	Steel	Steel	Steel
Tape surface	matt lacquered, yellow	matt lacquered, yellow	matt lacquered, yellow
End hook	Plastic, 2-c, sliding	stainless steel, sliding	stainless steel, sliding
Tape stop	Brake, 2-piece	Brake, 2-piece	Brake, 2-piece
Rivets for end hooks	2	2	2
Retraction damping end hook	Shock absorber	Shock absorber	Shock absorber
Reinforcement plate	stainless steel	stainless steel	stainless steel
Material housing	ABS/TPE	ABS/TPE	ABS
Colour housing	red/black	red/black	chrome-plated
Belt clip	Plastic, 2-part	stainless steel	stainless steel
Replacement tape	upon request	-	upon request

POPULAR

II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
PP 3	3	13		10	50024201	9002719011958
PP 5	5	19		6	50024301	9002719012146
PP 8	8	25		6	50024401	9002719016144
PP 3	3	13		45	50024701	9002719002789
PP 5	5	19		30	50024801	9002719002918

- › Break-resistant 2-c plastic housing
- › Secure handling thanks to a non-slip surface and ergonomic design
- › Exact 2-piece tape brake for precise inner measuring
- › Shock absorber system for a gentle tape stop
- › Long-lasting protection against damages through a reinforced initial tape section
- › Rugged ABS belt clip for a secure grip



UNI-MATIC

II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
UM 2	2	16		6	50012401	9002719002758
UM 3	3	16		6	50012501	9002719002765
UM 5	5	16		6	50012601	9002719002772

- › Impact resistant ABS plastic housing
- › Handy, compact case design
- › Lateral tape brake for accurate internal measurements
- › Long-lasting protection against damages through a reinforced initial tape section
- › Robust steel belt clip for a secure grip



PRO-FLEX

II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
PF 3	3	13		6	50014234	9002719019183
PF 5	5	19		6	50014434	9002719019190
PF 3	3	13		50	50027701	9002719017196
PF 5	5	19		30	50027801	9002719017202

- › Impact resistant ABS plastic housing
- › Handy, compact case design
- › Accurate tape brake for accurate internal measurements
- › Long-lasting protection against damages through a reinforced initial tape section
- › Robust steel belt clip for a secure grip



Technical details:	POPULAR	UNI-MATIC	PRO-FLEX
Item description	Short tape	Short tape	Short tape
	mm	mm	mm
EC accuracy class	II	II	II
Material tape	Steel	Steel	Steel
Tape surface	matt lacquered, yellow	matt lacquered, yellow	matt lacquered, yellow
End hook	Steel coated, sliding	stainless steel, sliding	stainless steel, sliding
Tape stop	Brake, 2-piece	Brake, 1-piece	Brake, 1-piece
Rivets for end hooks	2	2	2
Retraction damping end hook	Shock absorber	-	-
Reinforcement plate	stainless steel	stainless steel	-
Material housing	ABS/TPE	ABS	ABS
Colour housing	red/black	grey	red
Belt clip	Plastic, removable	stainless steel	stainless steel
Replacement tape	-	upon request	-

SHORT TAPES

VIDEO-FLEX

II



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
VF 3	3	13		6	50012901	9002719003984

- › Impact resistant ABS plastic housing
- › Handy, compact case design
- › Permanent tape brake with release button
- › Convenient display of inner measurements through a viewing window
- › Long-lasting protection against damages through a reinforced initial tape section
- › Robust steel belt clip for a secure grip

TALMETER

II



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
TAL 2	2	16		6	51011201	9002719020035
TAL 3	3	16		6	51011601	9002719020042

- › Impact resistant ABS plastic housing
- › Handy, compact case design
- › Permanent tape brake with release button
- › Outer and inner measurement with marking function
- › Diameter scale on the tape reverse side
- › Circle function to select circular shapes

Technical details:

	VIDEO-FLEX	TALMETER
Item description	Short tape	Short tape
	mm	mm
EC accuracy class	II	II
Material tape	Steel	Steel
Tape surface	matt lacquered, yellow	matt lacquered, white
End hook	stainless steel, sliding	stainless steel, rigid
Tape stop	Backstop	Backstop
Rivets for end hooks	2	1
Retraction damping end hook	-	-
Reinforcement plate	-	-
Material housing	ABS	ABS
Colour housing	grey	black
Belt clip	stainless steel	-
Replacement tape	upon request	-



LONG TAPES

LONG TAPES



MEASURING ACCURACY

All SOLA long tapes correspond to either Class I or Class II according to EC standards. This allows SOLA to guarantee the utmost precision in measuring.

Deviation \pm mm over total length			
Length	Class I	Class II	Class III
10 m	1.10	2.30	4.60
20 m	2.10	4.30	8.60
30 m	3.10	6.30	12.60
50 m	5.10	10.30	20.60
100 m	10.10	20.30	40.60



CONFORMITY MARKING

Since 30th October 2006 the Directive 2004/22/EC of the European Parliament is applied by all member states of the European Union and the EEA. This directive contains the procedures, under which manufacturers of measuring tools have to declare the conformity to the specification.

Note the following markings:

1. Nominal length of the measuring device
2. CE-marking
3. Year of manufacture
4. Mark from Office of Weights and Measures
5. Accuracy class
6. Manufacturers name or registered identification mark



STEEL TAPE

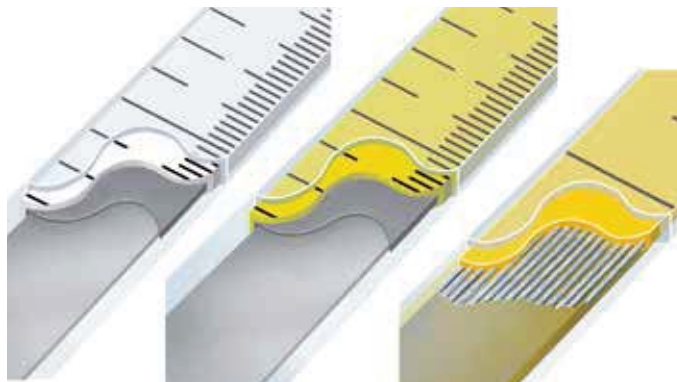
SOLA steel tapes are made of high-quality steel with a high carbon content and are thoroughly coated, first with a colour coating and then a clear coating. This provides optimal protection against corrosion.

TUFCOTE

A special additional polyamide blade coating combines the stiffness of steel with the high break resistance of a glass fibre blade.

GLASS FIBRE BLADE

The secret lies in the right balance between quantity and quality in the glass fibres. Low-quality glass fibres stretch easily since they contain too few individual fibres. SOLA uses only the best quality.



LONG TAPES



FRAME TAPE MEASURE

The tape is built into an open frame. There are three main types of frames:

- Y-frames: High-quality, stabile aluminium frame. Designed for longevity and toughness.
- V-frames: Durable plastic frame. Light and easy to use.
- Simple frames: High-quality aluminium frame. Light and easy to use.

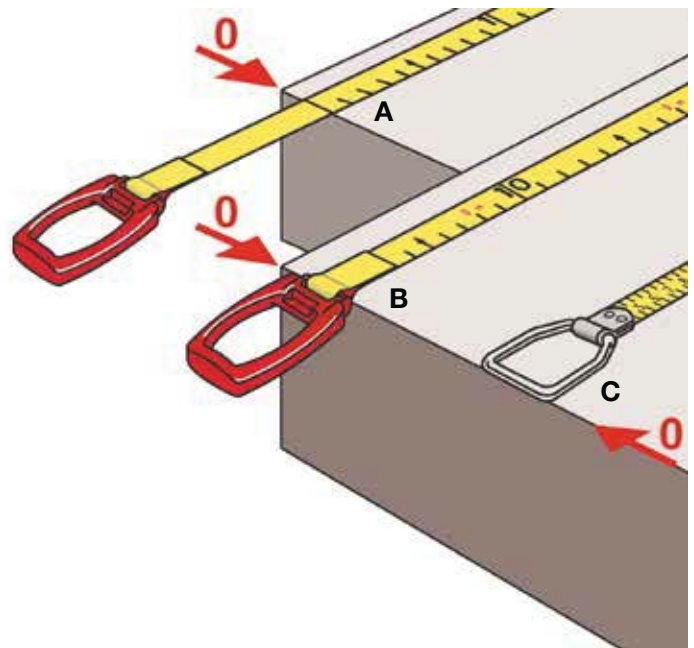
CASE TAPE MEASURE

The tape has been enclosed in a case.

This provides maximum protection against dirt and damage. The housing of the SOLA models Futura and Satellite was developed according to the most up-to-date ergonomic principles. The unique and handy design of the Futura handle has been patented worldwide.

MULTI-FUNCTIONAL END HOOKS

All long steel tapes from SOLA have a multi-functional end hook. It is very versatile and its universal steel claw allows it to be used for tension measurement.



TAPE MARKINGS/TAPE WIDTH














SOLA offers tapes with different marking divisions:

- Marking in mm: On one side, marking in mm throughout in black (numbers and graduations)
- Marking in cm: On one side, marking in cm throughout in black (numbers and graduations) and red (m)

BLADE ENDING TYPES

- Blade ending A: The zero point is 10 cm behind the ring/hook.
- Blade ending B: The zero point is at the end of the hook fixture.
- Blade ending C: The zero point is at the outside of the ring.



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SURVEYOR C



I

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
SC 30	30	13		1	50047901	9002719020189
SC 50	50	13		1	50048901	9002719020196

- › Tough, buckling- and break-resistant through TUF COTE® coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Moisture-resistant
- › Very high chemical resistance
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Ergonomically designed housing with many additional features for a fatigue-free work
- › Long-lasting protection against damages through a reinforced initial tape section

PROSPECTOR C



II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
YC 30	30	13		1	50053801	9002719006596
YC 50	50	13		1	50053901	9002719006602

- › Tough, buckling- and break-resistant through TUF COTE® coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Moisture-resistant
- › Very high chemical resistance
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Robust aluminium Y-frame
- › Long-lasting protection against damages through a reinforced initial tape section

Technical details:

	SURVEYOR C	PROSPECTOR C
Item description	Measuring tape	Measuring tape
	mm	mm
EC accuracy class	I	II
Material tape	Steel	Steel
Tape surface	TUF COTE®, yellow	TUF COTE®, yellow
End hook	Multi-function	Multi-function
Rivets for end hooks	2	2
Reinforcement plate	Synthetic material	Synthetic material
Material housing	ABS/TPE	Aluminium
Colour housing	red/grey	silver
Replacement tape	upon request	upon request
Housing form	Y-frame	Y-frame
Initial tape section	B	B
Crank gear ratio	1:1	1:1

STEEL LONG TAPES

SPRINTER

I



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
SR 30	30	10	☐	2	50081501	9002719024088

- › Durable steel tape with a rust-protective phosphate coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › 3x faster tape retraction through a crank gear drive
- › Retractable handle prevents injuries
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Break-resistant 2-c plastic housing
- › Maximum protection against dirt and damage

EXPLORER

I



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
EP 20	20	13	☐	2	50080301	9002719024101
EP 30	30	13	☐	2	50080501	9002719024552
EP 50	50	13	☐	2	50080601	9002719024125

- › Durable steel tape with a rust-protective phosphate coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Retractable handle prevents injuries
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Break-resistant 2-c plastic housing
- › Maximum protection against dirt and damage

Technical details:

	SPRINTER	EXPLORER
Item description	Measuring tape	Measuring tape
	mm	mm
EC accuracy class	I	I
Material tape	Steel	Steel
Tape surface	matt lacquered, white	matt lacquered, white
End hook	Multi-function	Multi-function
Rivets for end hooks	2	2
Reinforcement plate	Synthetic material	Synthetic material
Material housing	ABS/TPE	ABS/TPE
Colour housing	red/black	red/black
Replacement tape	upon request	upon request
Housing form	Capsule	Capsule
Initial tape section	B, A on request	B, A on request
Crank gear ratio	3:1	1:1

STEEL LONG TAPES

SATELLITE


II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
ST 10	10	10		5	50055701	9002719002642
ST 20	20	10		5	50055901	9002719012115
ST 30	30	10		5	50056101	9002719012153

- › Durable steel tape with a rust-protective phosphate coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Retractable handle prevents injuries
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Impact resistant ABS plastic housing
- › Maximum protection against dirt and damage

PROSPECTOR R


II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
YR 30	30	13		1	50051701	9002719006558
YR 50	50	13		1	50051801	9002719006565

- › Durable steel tape with a rust-protective phosphate coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Robust aluminium Y-frame
- › Long-lasting protection against damages through a reinforced initial tape section

Technical details:

	SATELLITE	PROSPECTOR R
Item description	Measuring tape	Measuring tape
	mm	mm
EC accuracy class	II	II
Material tape	Steel	Steel
Tape surface	matt lacquered, white	matt lacquered, white
End hook	Multi-function	Multi-function
Rivets for end hooks	2	2
Reinforcement plate	Synthetic material	Synthetic material
Material housing	ABS	Aluminium
Colour housing	grey	silver
Replacement tape	upon request	upon request
Housing form	Capsule	Y-frame
Initial tape section	B	B
Crank gear ratio	1:1	1:1

STEEL LONG TAPES

PACER R

II



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
PR 100	100	13		1	50052901	9002719013631

- › Durable steel tape with a rust-protective phosphate coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Shock-resistant ABS plastic frame
- › Ergonomically shaped handle

TRACKER R

II



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
TR 20	20	13		1	50050901	9002719006497
TR 30	30	13		1	50051101	9002719006510
TR 50	50	13		1	50051201	9002719006527

- › Durable steel tape with a rust-protective phosphate coating
- › Glare-free work and easy reading of measurements through a reflection-free coating
- › Multifunction end-hook for the secure attachment to pipes, nails or screws
- › Light and stable aluminium frame
- › Ergonomically shaped handle

Technical details:	PACER R	TRACKER R
Item description	Measuring tape	Measuring tape
	mm	mm
EC accuracy class	II	II
Material tape	Steel	Steel
Tape surface	matt lacquered, white	matt lacquered, white
End hook	Multi-function	Multi-function
Rivets for end hooks	2	2
Reinforcement plate	Synthetic material	Synthetic material
Material housing	ABS	Aluminium
Colour housing	grey	silver
Replacement tape	upon request	upon request
Housing form	V-frame	Simple frame
Initial tape section	B	B
Crank gear ratio	1:1	1:1

PROSPECTOR F


II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
YF 30	30	13		1	50059301	9002719010784
YF 50	50	13		1	50059401	9002719013167

- Tough, buckling- and break-resistant glass-fibre tape
- Cold and humidity resistant
- High chemical resistance
- Electrically non-conductive
- Low weight
- Robust aluminium Y-frame
- Ergonomically shaped handle

RANGER


II

Model	L [m]	B [mm]	VP	PU	Item no.	EAN
RN 30	30	13		1	50058801	9002719006725
RN 50	50	13		1	50058901	9002719006732

- Tough, buckling- and break-resistant glass-fibre tape
- Cold and humidity resistant
- High chemical resistance
- Electrically non-conductive
- Low weight
- Shock-resistant ABS plastic frame
- Ergonomically shaped handle

Technical details:




	PROSPECTOR F	RANGER
Item description	Measuring tape	Measuring tape
	cm	cm
EC accuracy class	II	II
Material tape	Glass-fibre yellow	Glass-fibre yellow
Tape surface	-	-
End hook	Plastic ring	Plastic ring
Rivets for end hooks	-	-
Reinforcement plate	-	-
Material housing	Aluminium	ABS
Colour housing	silver	grey
Replacement tape	upon request	upon request
Housing form	Y-frame	V-frame
Initial tape section	B, A/C on request	B, A/C on request
Crank gear ratio	1:1	1:1

GLASS-FIBRE LONG TAPES

FUTURA

II



Model	L [m]	B [mm]	VP	PU	Item no.	EAN
FT 10	10	13		1	50057501	9002719012108
FT 20	20	13		1	50057701	9002719012405
FT 30	30	13		1	50057901	9002719012160

- Tough, buckling- and break-resistant glass-fibre tape
- Cold and humidity resistant
- High chemical resistance
- Electrically non-conductive
- Low weight
- Impact resistant ABS plastic housing
- Maximum protection against dirt and damage

Technical details:

	FUTURA
Item description	Measuring tape
	cm
EC accuracy class	II
Material tape	Glass-fibre yellow
Tape surface	-
End hook	Plastic ring
Rivets for end hooks	-
Reinforcement plate	-
Material housing	ABS
Colour housing	grey
Replacement tape	upon request
Housing form	Capsule
Initial tape section	B, A/C on request
Crank gear ratio	1:1

TEL



Model	L [m]	VP	PU	Item no.	EAN
TEL 500	1.07 - 5.00		1	57070501	9002719003786
TEL 300	0.70 - 3.00		1	57070701	9002719016786
TEL 400	0.86 - 4.00		1	57070801	9002719016793
TEL 800 S	1.53 - 8.00		1	57071201	9002719009726

- › Dust and abrasion-resistant plastic guide
- › Tape measure with a specially dimensioned winding device
- › Big plate as a stop face and extension help
- › For TEL 800 S measurement display at eye level

MRD



Model	L [m]	VP	PU	Item no.	EAN
MRD	0 - 9999.98		1	57073701	9002719007661
MRD Koffer	-		1	57078301	9002719007678

- › Robust, retractable aluminium guide rod
- › Central counter arrangement for a better readability
- › Geared belt drive
- › Fixing brake
- › Shock-resistant counter for forward and reverse-counting

Technical details:

	TEL	MRD
Item description	Telescope scale	Measuring wheel
Number of horizontal vials	1	-
Special characteristic	Analogue display	Wheel circumference 1000 mm
	mm	cm



SQUARES/RULERS



MATERIAL/FINISH

Only the highest quality materials are used for SOLA-squares. Our high quality standards are the minimum requirement for both the stocks and the measuring blade.

- › The blades are made of hardened, flame-blued, plain, stainless or galvanized steel.
- › The stocks are made of wood, die-cast aluminium, plastic or anodized aluminium (giving surface protection).

All measurement graduations are etched or printed on to the stocks or blades. The measuring surfaces are either milled, polished or sanded. All squares edges are finely finished for accuracy.

MATERIAL BLADES



stainless steel



flame-blued and hardened spring steel



flame-blued spring steel



spring steel, powder coated

MATERIAL STOCKS



ABS plastic



Beech wood



coated die-cast aluminium



bronze anodized aluminium




























QUALITY CONTROL








At SOLA the quality control starts with the selection of materials. During production, each individual manufacturing process is carefully monitored to ensure the highest degree of quality.

Where high accuracy is required, reliable Measuring tools are an indispensable factor. With SOLA Squares you can be sure you are using a carefully tested tool. We guarantee an accurate product and thanks to the robust design, also a long service life.



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SRB



Model	L [mm]	VP	PU	Item no.	EAN
SRB 200	200 x 145		6	56012001	9002719021001
SRB 250	250 x 145		6	56012101	9002719021018
SRB 300	300 x 145		6	56012201	9002719021025
SRB 350	350 x 170		6	56012301	9002719021032
SRB 400	400 x 170		6	56012401	9002719021049
SRB 500	500 x 170		6	56012501	9002719021056

- Rugged aluminium handle with a wide stopper
- Particularly resistant, stainless spring steel blade
- Wear-resistant, easy to read scale
- Integrated mitre stopper 45°/135°

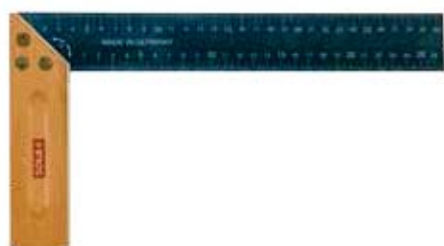
SRG



Model	L [mm]	VP	PU	Item no.	EAN
SRG 200	200 x 145		6	56013001	9002719021063
SRG 250	250 x 145		6	56013101	9002719018469
SRG 300	300 x 145		6	56013201	9002719018476
SRG 350	350 x 170		6	56013301	9002719018483
SRG 400	400 x 170		6	56013401	9002719018490
SRG 500	500 x 170		6	56013501	9002719018506

- Rugged aluminium handle with a wide stopper
- Blued spring-steel blade for a glare-free work and easy reading of measurements
- Wear-resistant, easy to read scale
- Integrated mitre stopper 45°/135°

SRH



Model	L [mm]	VP	PU	Item no.	EAN
SRH 200	200 x 125		6	56015001	9002719019732
SRH 250	250 x 145		6	56015101	9002719019756
SRH 300	300 x 165		6	56015201	9002719019770
SRH 350	350 x 195		6	56015301	9002719019794
SRH 400	400 x 195		6	56015401	9002719019817
SRH 500	500 x 245		6	56015501	9002719019831

- Handle made of varnished beech wood with built-in brass fittings for a lasting accuracy
- Blued spring-steel blade for a glare-free work and easy reading of measurements
- Very good readability of the measurement results through an increased contrast
- Integrated mitre stopper 45°/135°

Technical details:	SRB	SRG	SRH
Item description	Joiner's square	Joiner's square	Joiner's square
	mm/cm, 2-piece, etched	mm/cm, 2-piece, etched	mm/cm, 2-piece, printed
Blade material	Stainless spring steel	Spring steel	Spring steel
Blade surface	polished	polished	polished
Blade colour	blank	blued	blued
Handle material	Aluminium	Aluminium	Wood/brass
Handle surface	anodized	anodized	painted
Handle colour	bronze	bronze	nature
Scale-grid	1 mm	1 mm	1 mm
Angular dimension	45°, 90°, 135°	45°, 90°, 135°	45°, 90°, 135°

JOINER'S SQUARES

SRC

Model	L [mm]	VP	PU	Item no.	EAN
SRC 200	200 x 145		6	56014001	9002719021070
SRC 250	250 x 145		6	56014101	9002719021087
SRC 300	300 x 145		6	56014201	9002719021094
SRC 350	350 x 170		6	56014301	9002719021100
SRC 400	400 x 170		6	56014401	9002719021117
SRC 500	500 x 170		6	56014501	9002719021124

- › Lightweight, rugged aluminium handle
- › Highly abrasion-resistant, dirt-repellent coating
- › Very good readability of the measurement results through an increased contrast
- › Integrated mitre stopper 45°/135°



SRK

Model	L [mm]	VP	PU	Item no.	EAN
SRK 250	250 x 145		6	56016001	9002719018384
SRK 300	300 x 145		6	56016101	9002719018391

- › Light grip made of impact resistant ABS plastic prevents damage to delicate surfaces
- › Particularly resistant, stainless spring steel blade
- › Wear-resistant, easy to read scale
- › Integrated mitre stopper 45°/135°



Technical details:

	SRC	SRK
Item description	Joiner's square	Joiner's square
	mm/cm, 2-piece, printed	mm/cm, 2-piece, etched
Blade material	Spring steel	Stainless spring steel
Blade surface	coated	polished
Blade colour	red	blank
Handle material	Aluminium die-cast	ABS, fibre-glass reinforced
Handle surface	coated	-
Handle colour	black	black
Scale-grid	1 mm	1 mm
Angular dimension	45°, 90°, 135°	45°, 90°, 135°

MITRE SQUARES

GWB



Model	L [mm]	VP	PU	Item no.	EAN
GWB 250	250 x 110	○	6	56031001	9002719021216
GWB 300	300 x 110	○	6	56031101	9002719021223

- Rugged aluminium handle with a wide stopper
- Particularly resistant, stainless spring steel blade
- Precise 45° and 135° mitre squares

GWG



Model	L [mm]	VP	PU	Item no.	EAN
GWG 250	250 x 110	○	6	56032001	9002719018513
GWG 300	300 x 110	○	6	56032101	9002719018520

- Rugged aluminium handle with a wide stopper
- Blued spring-steel blade for a glare-free working
- Precise 45° and 135° mitre squares

GWH



Model	L [mm]	VP	PU	Item no.	EAN
GWH 250	250 x 110	○	6	56033001	9002719019855
GWH 300	300 x 110	○	6	56033101	9002719019879

- Handle made of varnished beech wood with built-in brass fittings for a lasting accuracy
- Blued spring-steel blade for a glare-free working
- Precise 45° and 135° mitre squares

Technical details:	GWB	GWG	GWH
Item description	Mitre squares	Mitre squares	Mitre squares
	-	-	-
Blade material	Stainless spring steel	Spring steel	Spring steel
Blade surface	polished	polished	polished
Blade colour	blank	blued	blued
Handle material	Aluminium	Aluminium	Wood/brass
Handle surface	anodized	anodized	painted
Handle colour	bronze	bronze	nature
Scale-grid	-	-	-
Angular dimension	45°, 135°	45°, 135°	45°, 135°

ADJUSTABLE SQUARES

VSTG

Model	L [mm]	VP	PU	Item no.	EAN
VSTG 200	200	○	6	56052001	9002719021131
VSTG 250	250	○	6	56052101	9002719021148
VSTG 300	300	○	6	56052201	9002719021155

- Rugged aluminium handle with a wide stopper
- Particularly resistant, spring-steel blade
- Variably adjustable, fixable angular dimensions
- Scale for the readout and transfer of the set angles



VST

Model	L [mm]	VP	PU	Item no.	EAN
VST 200	200	○	6	56051001	9002719021162
VST 250	250	○	6	56051101	9002719018537
VST 300	300	○	6	56051201	9002719018551

- Rugged aluminium handle with a wide stopper
- Particularly resistant, spring-steel blade
- Variably adjustable, fixable angular dimensions



Technical details:

	VSTG	VST
Item description	Folding square	Folding square
	Degree, 2-piece, engraved	-
Blade material	Stainless spring steel	Stainless spring steel
Blade surface	polished	polished
Blade colour	-	-
Handle material	Aluminium	Aluminium
Handle surface	anodized	anodized
Handle colour	bronze	bronze
Scale-grid	-	-
Angular dimension	variable, 45°, 60°, 90°, 120°	variable

ADJUSTABLE SQUARES

VSTH



Model	L [mm]	VP	PU	Item no.	EAN
VSTH 200	200	○	6	56053001	9002719022701
VSTH 250	250	○	6	56053101	9002719019916
VSTH 300	300	○	6	56053201	9002719019930

- Handle made of varnished beech wood with built-in brass fittings for a lasting accuracy
- Highly abrasion-resistant, dirt-repellent coating
- Variably adjustable, fixable angular dimensions

STW



Model	L [mm]	VP	PU	Item no.	EAN
STW 200	200	○	6	56901001	9002719021179
STW 250	250	○	6	56901101	9002719021186
STW 300	300	○	6	56901201	9002719021193

- Extremely rugged version to enable a long service-life
- High corrosion resistance through a chrome-plated surface
- Variably adjustable, fixable angular dimensions

Technical details:

	VSTH	STW
Item description	Folding square	Folding square
	-	-
Blade material	Spring steel	Steel
Blade surface	coated	chrome-plated
Blade colour	blue	chrome
Handle material	Wood/brass	Steel
Handle surface	painted	chrome-plated
Handle colour	nature	chrome
Scale-grid	-	-
Angular dimension	variable	variable

ADJUSTABLE SQUARES

GR

Model	L [mm]	VP	PU	Item no.	EAN
GR 120	120 x 80	○	1	57012001	9002719003557
GR 150	150 x 120	○	1	57012101	9002719003564
GR 200	200 x 150	○	1	57012201	9002719003571
GR 300	300 x 200	○	1	57012301	9002719021209

- › Robust construction for a long service life
- › High corrosion resistance through a chrome-plated surface
- › Variably adjustable, fixable angular dimensions
- › Grade scale for precise reading and transfer of set angles



VK

Model	L [mm]	VP	PU	Item no.	EAN
VK 380	170 x 380	○	1	56900101	9002719018407

- › Lightweight, rugged aluminium combination square
- › Display of angle and complementary angle
- › Variably adjustable, fixable angular dimensions
- › Grade scale for precise reading and transfer of set angles



Technical details:	GR	VK
Item description	Graduator	Combination square
	0 – 180°, etched	0 – 180°, 2-part, printed
Blade material	Steel	Aluminium
Blade surface	chrome-plated	anodized
Blade colour	chrome	silver
Handle material	Steel	-
Handle surface	chrome-plated	-
Handle colour	chrome	-
Scale-grid	1°	1°
Angular dimension	variable	variable

QUATTRO



Model	L [mm]	VP	PU	Item no.	EAN
QUATTRO	250 x 170		1	56017001	9002719020349

- Lightweight, rugged aluminium handle
- Particularly resistant, stainless spring steel blade
- Three locking angle positions: 45°, 90°, 135°

Technical details:

	QUATTRO
Item description	Adjustable square
	mm/cm, 2-piece, etched
Blade material	Stainless spring steel
Blade surface	polished
Blade colour	-
Handle material	Aluminium
Handle surface	anodized
Handle colour	silver
Scale-grid	1 mm
Angular dimension	45°, 90°, 135°

LOCKSMITH'S SQUARE

SW

Model	L [mm]	VP	PU	Item no.	EAN
SW 100	100 x 70	○	1	56110201	9002719020943
SW 150	150 x 100	○	1	56110301	9002719008163
SW 200	200 x 130	○	1	56110401	9002719008170
SW 250	250 x 160	○	1	56110501	9002719008187
SW 300	300 x 180	○	1	56110601	9002719008194
SW 400	400 x 230	○	1	56110701	9002719008200
SW 500	500 x 280	○	1	56110801	9002719008217
SW 600	600 x 330	○	1	56110901	9002719008224
SW 750	750 x 375	○	1	56111001	9002719020950
SW 1000	1000 x 500	○	1	56111101	9002719020967

- Extremely rugged steel brackets
- High corrosion resistance through a zinc-plated surface
- Precision-crafted measuring surfaces



SWA

Model	L [mm]	VP	PU	Item no.	EAN
SWA 100	100 x 70	○	1	56112201	9002719020974
SWA 150	150 x 100	○	1	56112301	9002719008231
SWA 200	200 x 130	○	1	56112401	9002719008248
SWA 250	250 x 160	○	1	56112501	9002719008255
SWA 300	300 x 180	○	1	56112601	9002719008262
SWA 400	400 x 230	○	1	56112701	9002719008279
SWA 500	500 x 280	○	1	56112801	9002719008286
SWA 600	600 x 330	○	1	56112901	9002719008293
SWA 750	750 x 375	○	1	56113001	9002719020981
SWA 1000	1000 x 500	○	1	56113101	9002719020998

- Extremely rugged steel bracket with a wide stopper
- High corrosion resistance through a zinc-plated surface
- Precision-crafted measuring surfaces



FW

Model	L [mm]	VP	PU	Item no.	EAN
FW 300	300 x 435	○	1	56150601	9002719024323
FW 400	400 x 560	○	1	56150701	9002719024347
FW 500	500 x 660	○	1	56150801	9002719024361
FW 600	600 x 760	○	1	56150901	9002719024385

- Extremely rugged steel brackets
- High corrosion resistance through a zinc-plated surface
- Precision-crafted measuring surfaces



Technical details:	SW	SWA	FW
Item description	Locksmith's square	Locksmith's square	Flange square
Material	Steel	Steel	Steel
Surface	polished	polished	polished
Colour	galvanized	galvanized	galvanized
Special characteristic	-	Stopper	-
Scale-grid	-	-	-
Angular dimension	90°	90°	90°
Width	20 mm, 25 mm, 30 mm	20 mm, 25 mm, 30 mm	30 mm
Thickness	5 mm	5 mm	5 mm

ZWZ



Model	L [mm]	VP	PU	Item no.	EAN
ZWZ 500	500 x 290	○	1	56130201	9002719020905
ZWZ 600	600 x 290	○	1	56130301	9002719008309
ZWZ 700	700 x 300	○	1	56130401	9002719008316
ZWZ 800	800 x 320	○	1	56130501	9002719008323
ZWZ 1000	1000 x 360	○	1	56130601	9002719020912

- Highly elastic and shatter-proof
- High corrosion resistance through a zinc-plated surface

ZWZA



Model	L [mm]	VP	PU	Item no.	EAN
ZWZA 500	500 x 290	○	1	56131201	9002719020929
ZWZA 600	600 x 290	○	1	56131301	9002719008330
ZWZA 700	700 x 300	○	1	56131401	9002719008347
ZWZA 800	800 x 320	○	1	56131501	9002719008354
ZWZA 1000	1000 x 360	○	1	56131601	9002719020936

- Highly elastic and shatter-proof
- High corrosion resistance through a zinc-plated surface
- Marking holes for a convenient measurement projection

ZWZB



Model	L [mm]	VP	PU	Item no.	EAN
ZWZB 600	600 x 300	○	1	56135301	9002719008408
ZWZB 700	700 x 300	○	1	56135401	9002719008415

- Highly elastic and shatter-proof
- High corrosion resistance through a zinc-plated surface
- Marking holes for a convenient measurement projection
- Extra wide legs for a high stability

Technical details:	ZWZ	ZWZA	ZWZB
Item description	Carpenter's square	Carpenter's square	Carpenter's square
Material	Steel	Steel	Steel
Surface	polished	polished	polished
Colour	galvanized	galvanized	galvanized
	-	-	-
Scale-grid	-	-	-
Angular dimension	90°	90°	90°
Width	35 mm	35 mm	40 mm, 50 mm
Thickness	1.5 mm	1.5 mm	1.7 mm
Marking holes	-	0.5 cm, 2 – 20.5 cm	0.5 cm, 2 – 20.5 cm

CARPENTER'S SQUARE

ZWCA

Model	L [mm]	VP	PU	Item no.	EAN
ZWCA 600	600 x 280	○	1	56132001	9002719019688
ZWCA 700	700 x 300	○	1	56132101	9002719019695
ZWCA 800	800 x 320	○	1	56132201	9002719019701
ZWCA 1000	1000 x 380	○	1	56132401	9002719019718

- Highly elastic and shatter-proof
- Highly abrasion-resistant, dirt-repellent coating
- Marking holes for a convenient measurement projection
- Very good readability of the measurement results through an increased contrast



AW

Model	L [mm]	VP	PU	Item no.	EAN
AW 800	800 x 400	○	1	56905001	9002719024408

- Highly elastic and shatter-proof
- Stainless-steel, particularly resistant
- Marking holes for a convenient measurement projection
- Very good readability of the measurement results through an increased contrast
- Flexible angle adjustment with a precise fixation



Technical details:

	ZWCA	AW
Item description	Carpenter's square	Alpha square
Material	Steel	Stainless steel
Surface	epoxy coated	polished
Colour	red	-
Scale-grid	mm/cm, 2-piece, printed	mm/cm, 2-piece, printed on both sides
Angular dimension	90°	90°, variable 0° – 90°
Width	35 mm	35 mm
Thickness	1.7 mm	1.5 mm
Marking holes	0.5 cm, 2 – 20.5 cm	0.5 cm, 2 – 20.5 cm

BWS



Model	L [mm]	VP	PU	Item no.	EAN
BWS	100 x 150	○	1	03493101	9002719009962

- Extremely rugged profile made of high-strength aluminium alloy to enable a long service-life
- Shock-absorbing end caps

BWW



Model	L [mm]	VP	PU	Item no.	EAN
BWW	100 x 150	○	1	03492201	9002719009948

- High-strength aluminum profile for the professional craftsmen
- Shock-absorbing end caps

Technical details:

	BWS	BWW
Item description	Construction square	Construction square
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	silver	silver
Special characteristic	Reinforcement brace	Reinforcement brace
	-	-
Scale-grid	-	-
Width	100 mm	50 mm
Thickness	18 mm	23 mm

LSB

Model	L [mm]	VP	PU	Item no.	EAN
LSB 300	300	○	1	56104201	9002719021230
LSB 500	500	○	1	56104401	9002719021247
LSB 1000	1000	○	1	56104701	9002719021254

- › Robust ruler for high operational demands
- › Wear-resistant, very easy to read scale
- › Particularly resistant, corrosion resistant spring-steel
- › High resolution scale for particularly precise measurements



LSS

Model	L [mm]	VP	PU	Item no.	EAN
LSS 150	150	○	1	56103001	9002719021261
LSS 200	200	○	1	56103101	9002719021278
LSS 300	300	○	1	56103201	9002719021285
LSS 500	500	○	1	56103401	9002719021292
LSS 1000	1000	○	1	56103701	9002719021308

- › Particularly flexible ruler, suitable for measurements on rounded shapes
- › Wear-resistant, very easy to read scale
- › Particularly resistant, corrosion resistant spring-steel
- › High resolution scale for particularly precise measurements



LAS

Model	L [mm]	VP	PU	Item no.	EAN
LAS 300	300	○	1	56102001	9002719021377
LAS 500	500	○	1	56102401	9002719021384
LAS 1000	1000	○	1	56102701	9002719021391

- › Heavy, extremely robust ruler for the highest operational demands
- › Wear-resistant, very easy to read scale
- › Particularly resistant, corrosion resistant spring-steel



Technical details:	LSB	LSS	LAS
Item description	Steel ruler	Steel ruler	Working rule
Material	Spring steel	Spring steel	Stainless steel
Surface	polished	polished	polished
Colour	-	-	-
Special characteristic	-	-	-
Scale-grid	mm/cm, 2 piece, etched on both sides	mm/cm, 2 piece, etched on both sides	mm/cm, 1-piece, etched
Scale-grid	0.5 mm	0.5 mm	1 mm
Width	30 mm	13 mm	40 mm
Thickness	1 mm	0.5 mm	2 mm

RULERS

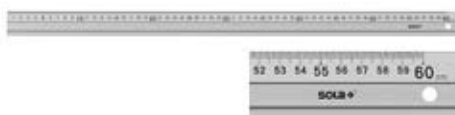
LAB



Model	L [mm]	VP	PU	Item no.	EAN
LAB 300	300	○	1	56100101	9002719021315
LAB 500	500	○	1	56100401	9002719021322
LAB 1000	1000	○	1	56100701	9002719021339

- Lightweight, rugged work scale with an ergonomic handle groove
- Very good readability of the measurement results through an increased contrast
- Robust aluminium profile

LAG



Model	L [mm]	VP	PU	Item no.	EAN
LAG 300	300	○	1	56101001	9002719021346
LAG 600	600	○	1	56101401	9002719021353
LAG 1000	1000	○	1	56101701	9002719021360

- Lightweight, rugged work scale with an ergonomic handle groove
- Very good readability of the measurement results through an increased contrast
- Robust aluminium profile
- Back side with non-slip rubber coating

Technical details:

	LAB	LAG
Item description	Working rule	Working rule
Material	Aluminium	Aluminium
Surface	anodized	anodized
Colour	silver	silver
Special characteristic	Recessed handle	Grip groove, foam rubber
	mm/cm, 1-piece, printed	mm/cm, 1-piece, printed
Scale-grid	1 mm	1 mm
Width	50 mm	35 mm
Thickness	5 mm	1 mm

PROTRACTOR

WIM

Model	L [mm]	VP	PU	Item no.	EAN
WIM	60		1	57073401	9002719003830

- Reading window for analogue measured values
- Fast and accurate determination of degrees – even in difficult places
- Clamping screw for a fixing of the angle adjustment
- Compass point replaceable by pencil



WITRON

Model	L [mm]	VP	PU	Item no.	EAN
WITRON 60	60		1	57075301	9002719006145

- Reading window for digital measured values
- Fast and accurate determination of degrees – even in difficult places
- "Hold" function for storing measured values and for transferring angles
- Maintenance-free, no readjustment
- Automatic switch-off



Technical details:	WIM	WITRON
Item description	Protractor	Electronic protractor
Material	Aluminium box profile	Aluminium box profile
Surface	plastic coated	plastic coated
Colour	red	red
Number of horizontal vials	1	1
Number of vertical vials	1	1
	1 scale mark = 1°	digital
Max. measurement tolerance	0.25°	0.25°
Measuring range	180°	355°
Reading option	0.50°	0.10°



MARKING PRODUCTS



MARKING CHALK

SOLA chalk powder contains many colour pigments and a small proportion of chalk. This ensures good visibility. Since the chalk powder is very finely ground, it adheres very firmly to the cord, producing a clear and exact line.



CHALK LINE REEL

The convenient line extract allows you to quickly take off the line. The end hook enables the cord to be fixed to either a nail, a pin or a panel.

CORD

The double-twisted cord, made from a mixture of polyester and cotton, guarantees long life span and high stability. The cotton ensures that the chalk can adhere well to the cord and the polyester provides the necessary strength (tensile strength of cord: 23 kg).



MARKING PRODUCTS



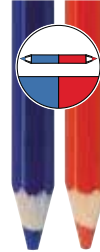
VARNISH

Every SOLA pencil is finished three times with a high-quality varnish. In order to protect the environment, we only use varnish which does not contain toxic heavy metals.



PENCIL






















SOLA pencils are made of high-quality pine wood which makes them easy to sharpen.



Class	STB	ZB	KB	UB	SB	RBB
description	Builder's pencil	Carpenter's pencil	Copying pencil	Universal pencil	Signal pencil	Red/blue pencil
lead	Graphite hardness 10H	Graphite hardness HB	2/3 graphite lead 1/3 copying lead	Graphite lead with wax addition	Coloured lead with wax addition	Graphite lead with wax addition
usage	stone, concrete, brick	dry wood, paper, cardboard	wet wood	tile, ceramic, plastic	metal, dark and smooth surfaces	for labeling of warm and cold
Lenght	24/30 cm	18/24/30 cm	24 cm	24 cm	24 cm	17 cm
wet wood		■	■■■	■	■	■
dry wood	■	■■■	■■	■■	■■	■■
stone	■■■	■■	■	■■	■	■■
metal	■	■	■■	■■	■■■	■■
tile/ceramic				■■■	■■■	
glass			■	■■	■■■	■
concrete	■■■	■■	■	■■	■	■■
brick	■■■	■■	■	■■	■	■
gum	■	■		■■	■■■	■
plastic		■	■	■■■	■■■	■
paper/cardboard	■	■■■	■■	■	■	■■
dark surfaces					■■■	

■■■ excellent ■■ very good ■ good

OVERVIEW MARKING PRODUCTS

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CHALK LINE REELS

CLP



Model	L [m]	VP	PU	Item no.	EAN
CLP 30	30		6	66110601	9002719023036

- › Very lightweight and break-resistant Magnesium housing
- › Convenient line extension: freewheel function by pressing the crank axle
- › 5x faster line retraction through a crank gear drive
- › High colour powder capacity
- › Hardened end hook
- › Integrated storage location for hooks

CLM



Model	L [m]	VP	PU	Item no.	EAN
CLM 30	30		6	66110501	9002719022992

- › Very lightweight and break-resistant Magnesium housing
- › Convenient line extension: freewheel function by pressing the crank axle
- › High colour powder capacity
- › Hardened end hook
- › Integrated storage location for hooks

CLK



Model	L [m]	VP	PU	Item no.	EAN
CLK 30	30		6	66110401	9002719023692

- › Lightweight and rugged plastic case
- › High colour powder capacity
- › Hardened end hook

Technical details:

	CLP	CLM	CLK
Item description	Chalk line reel	Chalk line reel	Chalk line reel
Material	Magnesium die-cast	Magnesium die-cast	High-quality plastic
Surface	epoxy coated	epoxy coated	-
Colour housing	red/black	red	red
Belt clip	stainless steel	stainless steel	-
Crank gear ratio	5:1	1:1	1:1
Material cord	Polyester multifilament	Polyester multifilament	Polyester multifilament
Cord length	30 m	30 m	30 m
Max. Tensile strength (ISO 2062)	234 N (±3 %)	234 N (±3 %)	234 N (±3 %)

CHALK LINE REELS SETS

CLP SET

Model	L [m]	VP	PU	Item no.	EAN
CLP 30 SET R	30		1	66110642	9002719023050
CLP 30 SET B	30		1	66110643	9002719023067

- › Very lightweight and break-resistant Magnesium housing
- › Convenient line extension: freewheel function by pressing the crank axle
- › 5x faster line retraction through a crank gear drive
- › High colour powder capacity
- › Hardened end hook
- › Integrated storage location for hooks



CLM SET

Model	L [m]	VP	PU	Item no.	EAN
CLM 30 SET R	30		1	66110542	9002719023012
CLM 30 SET B	30		1	66110543	9002719023029

- › Very lightweight and break-resistant Magnesium housing
- › Convenient line extension: freewheel function by pressing the crank axle
- › High colour powder capacity
- › Hardened end hook
- › Integrated storage location for hooks



CLK SET

Model	L [m]	VP	PU	Item no.	EAN
PM CLK SET R	30		1	66110442	9002719023715
CLK 30 SET B	30		1	66110443	9002719023722

- › Lightweight and rugged plastic case
- › High colour powder capacity
- › Hardened end hook



Technical details:	CLP SET	CLM SET	CLK SET
Item description	Marking set	Marking set	Marking set
Material	Magnesium die-cast	Magnesium die-cast	High-quality plastic
Surface	epoxy coated	epoxy coated	-
Colour housing	red/black	red	red
Belt clip	stainless steel	stainless steel	-
Crank gear ratio	5:1	1:1	1:1
Material cord	Polyester multifilament	Polyester multifilament	Polyester multifilament
Cord length	30 m	30 m	30 m
Max. Tensile strength (ISO 2062)	234 N (±3 %)	234 N (±3 %)	234 N (±3 %)
Contents	CLP + KPB, CLP + KPR	CLM + KPB, CLM + KPR	CLK + KPB, CLK + KPR

CHALK POWDER

KPB



Model	Vol [g]	VP	PU	Item no.	EAN
KPB 250	250	○	6	66150801	9002719023111
KPB 500	500	○	6	66150901	9002719023135

- Good adhesion characteristics
- Fine grinding for a high colour application
- Resistant to rain and wind

KPR



Model	Vol [g]	VP	PU	Item no.	EAN
KPR 250	250	○	6	66150601	9002719023074
KPR 500	500	○	6	66150701	9002719023098

- Good adhesion characteristics
- Fine grinding for a high colour application
- Resistant to rain and wind

Technical details:

	KPB	KPR
Item description	Chalk powder	Chalk powder
Material	Chalk powder with colour pigments	Chalk powder with colour pigments
Colour	blue	red

STB

Model	L [cm]	VP	PU	Item no.	EAN
STB 24	24		100	66011020	9002719016021
STB 30	30		100	66011120	9002719015086

- › Especially suitable for brick, stone, concrete
- › Easy to sharpen
- › Strong lead
- › High breaking strength



ZB

Model	L [cm]	VP	PU	Item no.	EAN
ZB 18	18		100	66010120	9002719011194
ZB 24	24		100	66010520	9002719015079
ZB 30	30		100	66010720	9002719015376

- › Especially suitable for dry wood, paper, cardboard
- › Easy to sharpen
- › Strong lead
- › High breaking strength



KB

Model	L [cm]	VP	PU	Item no.	EAN
KB 24	24		100	66012520	9002719016038

- › Particularly suitable for wet wood
- › Writes on wet, smooth surfaces
- › Strong lead
- › High breaking strength



Technical details:	STB	ZB	KB
Item description	Stone carver's pencil	Carpenter Pencil	Copier's pencil
Material	Lime wood	Lime wood	Lime wood
Contents	-	-	-
Lead	Graphite, hardness 10 H	Graphite, hardness HB	2/3 graphite and 1/3 copying lead

PENCILS

UB



Model	L [cm]	VP	PU	Item no.	EAN
UB 24	24		75	66023520	9002719019374

- › Especially suitable for tiles, ceramic, plastic
- › Writes on any surface
- › Strong lead
- › High breaking strength

SB



Model	L [cm]	VP	PU	Item no.	EAN
SB 24	24		75	66022520	9002719023920

- › Especially suitable for dark and smooth surfaces, metal, rubber
- › Easy to sharpen
- › Strong lead
- › High breaking strength

RBB



Model	L [cm]	VP	PU	Item no.	EAN
RBB 17	17		100	66024020	9002719020011

- › 1 blue + 1 red lead for corrections
- › Labelling warm/cold
- › Strong lead
- › High breaking strength

Technical details:

	UB	SB	RBB
Item description	Universal pencil	Signal pencil	Red-blue pencil
Material	Lime wood	Lime wood	Lime wood
Contents	-	-	-
Lead	Graphite lead with wax parts	Coloured lead with wax part	Coloured lead with wax part

BLST SET

Model	L [cm]	VP	PU	Item no.	EAN
BLST SET	17 + 24		80	66025020	9002719020745



Technical details:

Item description	BLST SET Pencil set
Material	Lime wood
Contents	30 x RBB 17, 25 x STB 24, 25 x UB
Lead	Graphite and coloured lead with wax part



➤ MEASURING INSTRUMENTS **PROFESSIONAL 2M**



➤ MEASURING INSTRUMENTS **PROFESSIONAL 1,5M**



➤ MEASURING INSTRUMENTS **PROFESSIONAL 1M**



► MEASURING INSTRUMENTS **BASIC 2M**



➤ MEASURING INSTRUMENTS **BASIC 1M**



► SCREEDING LEVELS 1M



► LASER 1M



➤ POS 50 DISPLAY
FOCUS



➤ POS 50 DISPLAY
LINEAR MEASURING



➤ POS 50 DISPLAY
MEASURING INSTRUMENTS



➤ POS 50 DISPLAY
ANGLE



➤ POS 50 DISPLAY
SPECIAL



➤ POS 50 DISPLAY
SPECIAL (PACKED)



► SOLA CAPS



► SOLA T-SHIRTS



► SOLA KEY-RING

► SOLA COUNTER DISPLAY DIN A4

► SOLA COUNTER DISPLAY DIN LANG



➤ SOLA SPIRIT LEVELS BOX DISPLAY



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