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Catalog 2025/2026

Passion for Precision



Bring out the best in everything. Go one step beyond. Dare to do something great, to create something lasting. We will make the perfect tool so that you can do your best work. Since 1949 our passion for precision motivates us to manufacture highly accurate and durable measuring and marking tools used the world over. We don't know the meaning of the word "stop"! Every day, we develop and test innovations in our laboratories to inspire your skills and experience in your pursuit of perfection. We will support you every step of the way and give you exactly what you need to master your latest challenge. After all, there is always a new challenge around the corner. And what makes us proud is the pride you take in producing your very best work.

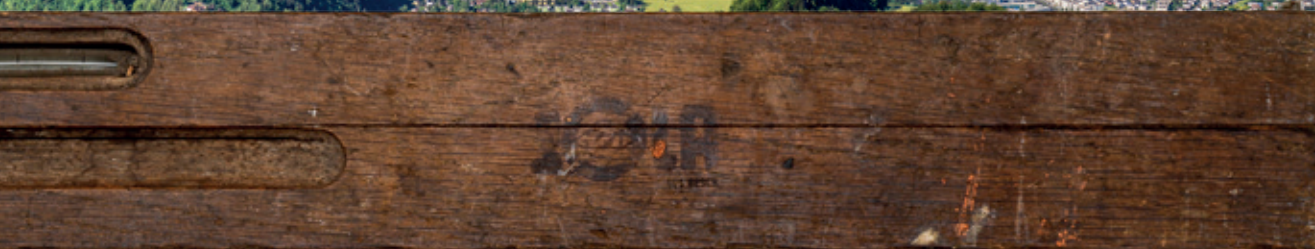
SOLA. Passion for Precision.



1949 - NT4 wooden incline spirit level

From a tiny attic to the great wide world.

Sometimes, great things really do come in small packages. The first NT4 wooden incline spirit levels were not manufactured in large factories, but rather in the small attic of founder Guido Scheyer's home. Developed in collaboration with Mr. Sottopietra and Mr. Latzel, this first innovative tool shaped the spirit of the SOLA brand. It was produced in the same way that our measuring tools are manufactured in the main factory in Vorarlberg to this day – with an absolute passion for precision. That has never changed and never will, even as SOLA has grown since 1949.



2020 — RED DIGITAL

Made in Austria: The home of innovation.

If challenged to name a country that's associated with long-lasting, reliable quality, Austria soon springs to mind. Austria enjoys a reputation of manufacturing long-lasting, reliable quality products. There has always been a great demand to build high-quality products here. At SOLA, founded and operating in Vorarlberg, Austria, we have never shied away from this. At two sites in the Rhine Valley between Germany and Switzerland, we manufacture over 1,500 items. Every day, our team of around 200 employees works to ensure that "Made in Austria" continues to be synonymous with top quality and expertise. Our success in this mission is proven by our many customers, as well as the array of prizes and awards that SOLA products have received over the years.

New products



Practice makes perfect.
That's also true for us.



1 METRON 20
Laser distance meter

The compact METRON 20 is the ideal companion for quick, uncomplicated measurements. This extremely user-friendly laser distance meter is suitable for distances of up to 20 m and has a measuring tolerance of ± 2 mm. The device offers all the important functions: Length measurement, area measurement, volume measurement and continuous measurement.

2 METRON 120 BTC
Laser distance meter with Bluetooth

The METRON 120 BTC offers a range of up to 120 m and 17 measuring functions, such as area, volume and indirect measurements. The integrated pointfinder camera with 2x and 4x zoom facilitates measurements over long distances or in poor visibility. Measured values can be transferred to the SOLA Measures app in real time via Bluetooth.

3 X2 GREEN
Line laser

The self-leveling X2 GREEN projects a horizontal and vertical green laser line with a measuring tolerance of ± 0.2 mm/m. The large laser window enables a wide line panorama of up to 170° for versatile work on floors, ceilings and walls. With receiver, the laser reaches up to 80 m, and the tilt function allows marking on slopes.

4 PLANO 4D GREEN
360° line laser

The self-leveling PLANO 4D GREEN projects two clearly visible horizontal and two vertical green 360° laser lines, which can be switched on individually. Its ground-level horizontal laser line is ideal for precise flooring work, such as checking for unevenness or height differences. By using a receiver, the laser can reach a range of up to 80 m. The switchable tilt function allows for precise marking of slopes.

5 REC RRD2
Laser receiver

The REC RRD2 quickly and precisely localizes the rotating red laser beam of a rotating laser at a range of up to 300 m. The 90 mm reception field detects the beam with millimeter precision and provides optical and acoustic signal guidance. The sensor sensitivity can be adjusted in four levels. The receiver can be held by hand, attached to a metal surface or fixed to a measuring rod using a clamp.

6 ALZ 2605
Serrated h-screeding edge

The ALZ 2605 distributes adhesive evenly and cleanly thanks to its serrated smoothing surface. The robust h-aluminum profile ensures a secure grip. Ideal for tile and floor laying, as well as insulation work. Available in lengths of 100 cm and 120 cm.





Spirit levels

Spirit levels



Screeding levels

Screeding levels



Lasers

Lasers



Laser distance meters

Laser distance meters



Folding rules

Folding rules



Short tapes

Short tapes



Long tapes

Long tapes



Measuring wheels

Measuring wheels



Squares/rulers

Squares/rulers



Chalk line reels

Chalk line reels



Pencils/markers

Pencils/markers







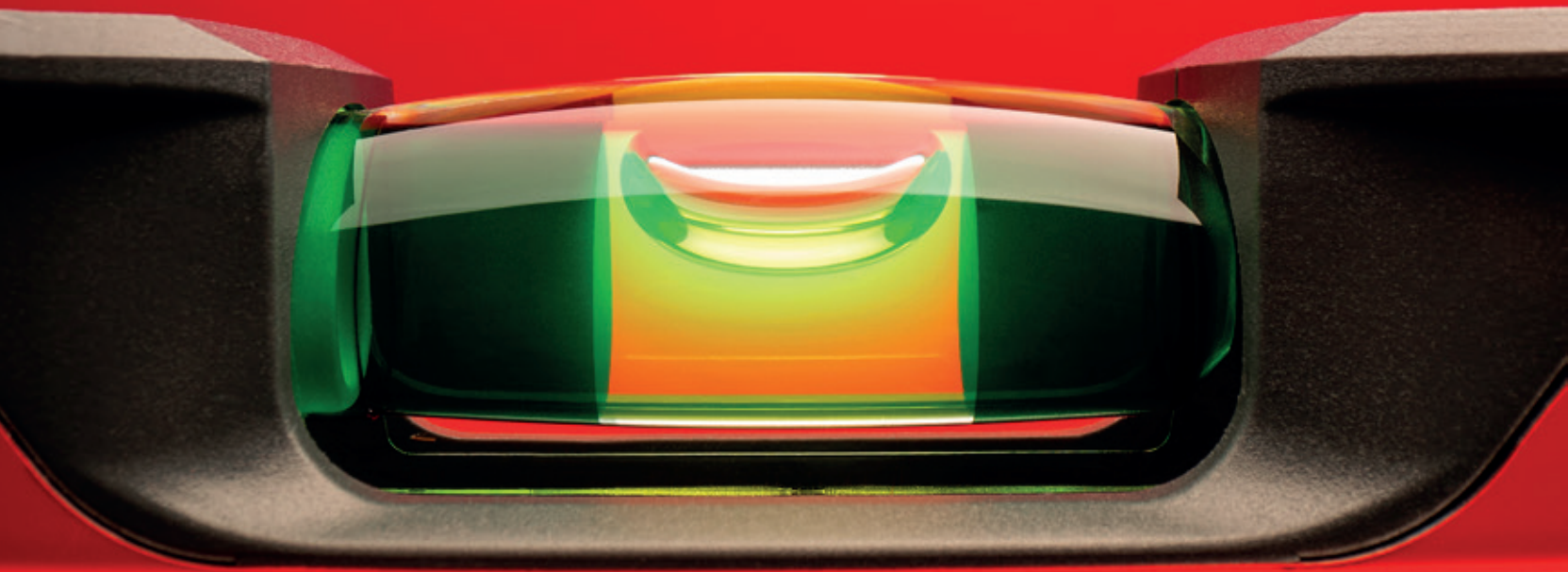
Spirit levels

The FOCUS vial: The benchmark for precise measurement.

At the heart of any SOLA spirit level is the patented FOCUS vial. Compared to conventional ring vials, it has a significantly better contrast and a magnifying lens that makes it easier to read. Its acrylic glass is break-proof and extremely stable against deformation; the anti-static and temperature-resistant vial fluid has very good light resistance and also prevents bubbling in case of shock.

The result: much faster, more precise measuring. A FOCUS vial can be easily read in every situation, at virtually any time – even in half-light – thanks to its luminous coating. And thanks to the patented ultrasonic welding, we even give you a 30-year guarantee for absolute tightness. That's how we do it at SOLA. If it's perfect for you, it's perfect for us.

- **4x higher contrast compared to ring vials**
- **Up to + 60% magnification for faster reading**
- **No split bubble in case of shock**



FOCUS
+60%



So accurate, the whole world knows about it.

We are proud to say that RED series spirit levels are the most accurate spirit levels in the world. With a maximum measurement tolerance of 0.3 mm/m (0.017°) for standard measurements and 0.5 mm/m (0.029°) for inverted measurements, there's no competition when it comes to choosing a tool for your next important job.

Extra weight makes light work of leveling.

Product development is anything but "light work" – which is literally the case with the SOLA spirit level, which has a tangible weight of at least 500 g per linear meter. The strong, shock-absorbing end caps are a further plus in terms of safety. The high degree of wall thickness protects the SOLA spirit level from daily wear and tear, or if it is dropped on the construction site. This minimizes inaccuracies.

Laterally installed magnets for secure adhesion.

A real SOLA stays where it should. That is because all magnetic SOLA box profile spirit levels have neodymium magnets installed on the side. This results in clear advantages in terms of precision, adhesive force, cleanliness, and safety.

Neodymium magnets are made of rare earth metals and guarantee a stable hold, regardless of whether the spirit level is positioned horizontally or vertically. Even for pipes and painted or round steel components, these magnetic spirit levels offer a secure hold with no slipping. That makes them ideal for any job where it helps to have your hands free.

The magnets installed on the side also work brilliantly in situations in which the spirit level is exposed to heat or vibrations. Due to the lateral installation method, the magnets can neither loosen nor be pulled out, and always remain stable.





Flat and clean measuring surface.

While the magnets are installed directly in the measuring surface of conventional magnetic spirit levels, installing the magnets on the side keeps the measuring surface flat. There are no inconvenient milling grooves on the measuring surface of the spirit level, in which dirt and metal shavings might gather. The flat measuring surface is easy to clean, prevents delicate, painted surfaces from getting scratched, and avoids damage caused by metal fragments sticking to the magnets.



Ideal for any situation: RED DIGITAL & GO! SMART.

The RED DIGITAL provides an outstanding performance wherever inclines, slopes or angles need to be determined quickly and precisely. The digital precision spirit levels impress not only with their integrated electronic inclination modules and Bluetooth interfaces, but also with their robustness and ease of use.

The GO! SMART combines the functions of a spirit level, an inclinometer and a protractor – an all-in-one, extremely practical device. Equipped with a magnetic base with a V-groove, this multi-use tool is compact and versatile.



SOLA Measures app: A simple measure.
















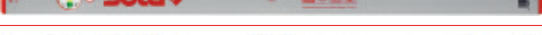






SOLA Measures is a multifunctional, digital, measuring app, which opens up an array of new possibilities. It can be connected via Bluetooth to a RED DIGITAL spirit level or GO! SMART, allowing the user to benefit from many useful functions on their smartphone:

- Measured values can be read remotely, if it is difficult or impossible to read them on the measuring tool
- Measured values, as well as the date, time and location, can be recorded and managed
- Photo overlay function captures the measurement situation, with display of real-time information (measured value, date, time) on the photo







The free SOLA Measures app works with iOS and Android operating systems.



 For more information, visit the SOLA YouTube channel

		Measuring tolerance, standard position	Measuring tolerance, inverted measurement	Page
Box profile spirit levels				
RED 3		0.30	0.50	23
BIG RED 3		0.30	0.50	23
REDM	 	0.30	0.50	24
BIG REDM	 	0.30	0.50	24
AZ		0.50	0.75	25
AZ 3		0.50	0.75	25
AZM	 	0.50	0.75	26
AZM 3	 	0.50	0.75	26
BIG X		0.50	0.75	27
BIG X 3		0.50	0.75	27
AZB		0.50	0.75	28
AZB 3		0.50	0.75	28
AV		0.50	1.00	29
AVD		0.50	1.00	29
MRMI	 	0.50	0.75	30
ELECTRIC		0.50	0.75	30
MARK-IT		0.75	-	31

Digital spirit levels

GO! SMART DISPLAY	  	-	-	32
GO! SMART	  	-	-	32
RED DIGITAL	  	0.50	0.50	33
REDM DIGITAL	  	0.50	0.50	33

Laser spirit levels

RED LASER DIGITAL	  	0.25	-	34
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Precision spirit levels

HPL		0.30	0.50	35
HPL 3		0.30	0.50	35

Die-cast spirit levels

M		0.50	1.00	36
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			Measuring tolerance, standard position	Measuring tolerance, inverted measurement	Page
Die-cast spirit levels					
MM			0.50	1.00	36
M 25			0.50	0.75	36
MM 5 25			0.50	0.75	37
I-profile spirit levels					
I			1.00	-	38
I5			1.00	-	38
ID			1.00	-	38
Compact spirit levels					
GO! MAGNETIC			0.75	-	39
GO!			1.00	-	39
R 100			1.00	-	39
Plastic spirit levels					
PF			1.00	-	40
PHF			1.00	-	40
T PRO			1.00	-	40
PTF			1.00	-	41
PT 5			1.50	-	41
PTM 5			1.50	-	41
UZ			-	-	42
K 5			-	-	42
JP			-	-	42
Inclinometers					
NP 121			-	-	43
APN			-	-	43
NAM			-	-	43
APK			0.50	-	44
Tube spirit levels					
S 1012			-	-	45

		Measuring tolerance, standard position	Measuring tolerance, inverted measurement	Page
Tube spirit levels				
SP 10		-	-	45
S 120		-	-	45
SCHL		-	-	46
Special vials				
DB		-	-	47
DF		-	-	47
F		-	-	47
Spirit level accessories				
RED CLIP		-	-	48
BAG 25		-	-	48
BAG		-	-	48
BAG PLUS		-	-	48
ST		-	-	49
WP		-	-	49
NB		-	-	49

RED 3

	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

- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Highest measuring accuracy in standard and inverted position
- Extra-strong aluminum profile with reinforcing ribs for maximum stability
- Shock-absorbing 2-piece end caps provide optimum protection against damage



BIG RED 3

	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

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Technical details:

	RED 3	BIG RED 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	coated	coated
Color	red	red
Profile weight	890 g/m	-
Measuring tolerance, standard position	0.30 mm/m (0.017°)	0.30 mm/m (0.017°)
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
Measuring surface	coated	coated
Handles	-	2
End cap	2-c	2-c
Dimensions	59 x 27 mm	59 x 27 mm

Box profile spirit levels



REDM

	L [cm]	Magnet [pcs]	VP	PU	Item no.	EAN
REDM 3 60	60	4	○	1	01812801	9002719031833
REDM 3 80	80	6	○	1	01813101	9002719031840
REDM 3 100	100	6	○	1	01813301	9002719031857

- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- Strong neodymium magnet for high adhesive force
- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Shock-absorbing 2-piece end caps provide optimum protection against damage



BIG REDM

	L [cm]	Magnet [pcs]	VP	PU	Item no.	EAN
BIG REDM 3 120	120	8	○	1	01816401	9002719031864
BIG REDM 3 150	150	8	○	1	01816501	9002719031871
BIG REDM 3 180	180	10	○	1	01816601	9002719031888
BIG REDM 3 200	200	10	○	1	01816701	9002719031895

- Strong neodymium magnet for high adhesive force
- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Shock-absorbing 2-piece end caps provide optimum protection against damage

Technical details:

	REDM	BIG REDM
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	coated	coated
Color	red	red
Profile weight	890 g/m	890 g/m
Measuring tolerance, standard position	0.30 mm/m (0.017°)	0.30 mm/m (0.017°)
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
Measuring surface	coated	coated
Magnet	Neodymium	Neodymium
Handles	-	2
End cap	2-c	2-c
Dimensions	59 x 27 mm	59 x 27 mm

AZ

	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

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Outstanding measuring accuracy in standard and inverted position
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- Extremely rugged profile made of high-strength aluminum alloy for a long service-life
- Shock-absorbing end caps



AZ 3

	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

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- Outstanding measuring accuracy in standard and inverted position
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- Extremely rugged profile made of high-strength aluminum alloy for a long service-life
- Shock-absorbing end caps



Technical details:

	AZ	AZ 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	anodized	anodized
Color	gold	gold
Profile weight	750 g/m	750 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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
Measuring surface	anodized	anodized
End cap	1-c	1-c
Dimensions	50 x 24 mm	50 x 24 mm

Box profile spirit levels



AZM

	L [cm]	Magnet [pcs]	VP	PU	Item no.	EAN
AZM 30	30	2	○	1	01820301	9002719040088
AZM 40	40	2	○	1	01820501	9002719040095
AZM 50	50	4	○	1	01820701	9002719040101
AZM 60	60	4	○	1	01820801	9002719040118
AZM 80	80	4	○	1	01821101	9002719040125
AZM 100	100	6	○	1	01821301	9002719040132
AZM 120	120	6	○	1	01821401	9002719040149
AZM 150	150	8	○	1	01821501	9002719040156
AZM 180	180	8	○	1	01821601	9002719040163
AZM 200	200	8	○	1	01821701	9002719040170

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- Outstanding measuring accuracy in standard and inverted position
- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- Strong neodymium magnet for high adhesive force
- Shock-absorbing end caps



AZM 3

	L [cm]	Magnet [pcs]	VP	PU	Item no.	EAN
AZM 3 80	80	4	○	1	01823101	9002719040682
AZM 3 100	100	6	○	1	01823301	9002719040699
AZM 3 120	120	6	○	1	01823401	9002719040705
AZM 3 150	150	8	○	1	01823501	9002719040712
AZM 3 180	180	8	○	1	01823601	9002719040729
AZM 3 200	200	8	○	1	01823701	9002719040736

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- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- Strong neodymium magnet for high adhesive force
- Shock-absorbing end caps

Technical details:

	AZM	AZM 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	anodized	anodized
Color	gold	gold
Profile weight	750 g/m	750 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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
Measuring surface	anodized	anodized
Magnet	Neodymium	Neodymium
End cap	1-c	1-c
Dimensions	50 x 24 mm	50 x 24 mm

BIG X

	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

- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Shock-absorbing 2-piece end caps provide optimum protection against damage
- Outstanding measuring accuracy in standard and inverted position
- Ergonomic, torsionally rigid aluminum profile for a long product life of precise measurement



BIG X 3

	L [cm]	VP	PU	Item no.	EAN
BIG X 3 80	80	○	1	01373101	9002719015567
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

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- Improved readability in dim light thanks to optimized SOLA luminous backing
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- Outstanding measuring accuracy in standard and inverted position
- Ergonomic, torsionally rigid aluminum profile for a long product life of precise measurement



Technical details:

	BIG X	BIG X 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	coated	coated
Color	red	red
Profile weight	630 g/m	630 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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
Measuring surface	coated	coated
End cap	2-c	2-c
Dimensions	52 x 25 mm	52 x 25 mm

Box profile spirit levels



AZB

	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

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- Improved readability in dim light thanks to optimized SOLA luminous backing
- Outstanding measuring accuracy in standard and inverted position
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- High-strength aluminum profile for professional builders
- Shock-absorbing end caps



AZB 3

	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

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- Improved readability in dim light thanks to optimized SOLA luminous backing
- Outstanding measuring accuracy in standard and inverted position
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- High-strength aluminum profile for professional builders
- Shock-absorbing end caps

Technical details:

	AZB	AZB 3
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	anodized	anodized
Color	silver	silver
Profile weight	590 g/m	590 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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
Measuring surface	anodized	anodized
End cap	1-c	1-c
Dimensions	49 x 23 mm	49 x 23 mm

Box profile spirit levels

AV

	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

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- High measuring accuracy in standard and inverted position
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- Robust aluminum profile
- Shock-absorbing end caps



AVD

	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

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- High measuring accuracy in standard and inverted position
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- Robust aluminum profile
- Shock-absorbing end caps



Technical details:

	AV	AVD
Item description	Box profile spirit level	Box profile spirit level
Material	Aluminum	Aluminum
Surface	anodized	anodized
Color	silver	silver
Profile weight	520 g/m	520 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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
End cap	1-c	1-c
Dimensions	49 x 21 mm	49 x 21 mm

Box profile spirit levels



MRMI

	L [cm]	VP	PU	Item no.	EAN
MRMI 40	40	☐	1	01490501	9002719038856
MRMI 100	100	☐	1	01491301	9002719038863

- Practical V-nut with magnet for a secure hold on pipes and metal surfaces
- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- Four-ring vial for incline display of 2% when measuring horizontally
- Center point scaling for symmetrical measurements
- Printed auxiliary measurements specifically for pipe fitters.



ELECTRIC

	L [cm]	VP	PU	Item no.	EAN
ELECTRIC	41	☐	1	69057101	9002719034049

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Sturdy aluminum C profile with flexible markers
- Outstanding measuring accuracy in standard and inverted position
- Printed scale in a 1-mm grid
- Special electrician scale allows 4 markings at a standard distance of 71 mm according to DIN 49075
- Plastic pads prevent the spirit level from sliding while protecting the surface

Technical details:

	MRMI	ELECTRIC
Item description	Installation spirit level	Marking spirit level
Material	Aluminum	Aluminum
Surface	anodized	coated
Color	silver	red
Profile weight	840 g/m	590 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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
Measuring surface	anodized, V-groove	coated
Magnet	Neodymium	-
End cap	1-c	1-c
Dimensions	49.9 x 24.3 mm	56 x 18 mm

MARK-IT

	L [cm]	VP	PU	Item no.	EAN
MARK-IT	80		1	69056101	9002719034032

- Sturdy aluminum C profile with flexible markers
- Break-resistant acrylic block vials with a tightness guarantee of 30 years
- Zero-point and center-point graduations for symmetrical measurements
- Quick and easy reading
- Printed scale in a 1-mm grid



Technical details:

	MARK-IT
Item description	Marking spirit level
Material	Aluminum
Surface	anodized
Color	silver
Profile weight	590 g/m
Measuring tolerance, standard position	0.75 mm/m (0.043°)
Number of horizontal vials	1
Number of vertical vials	1
Measuring surface	anodized
End cap	1-c
Dimensions	56 x 18 mm



GO! SMART DISPLAY	L [cm]	L [in]	VP	PU	Item no.	EAN
GO! SMART DISPLAY	8	3.15		5	01483030	9002719040880

- Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.2° between 1° and 89°
- Adjustable inclination display in °, %, mm/m, and in/ft
- Bluetooth interface for the SOLA Measures app
- Convenient reading thanks to reversible display for inverted measurements
- Practical V-nut with magnet for a secure hold on pipes and metal surfaces
- Compact, lightweight, handy

Included accessories

- GO! belt case SMART
- 1 x 1.5 V (AA) battery



GO! SMART	L [cm]	L [in]	VP	PU	Item no.	EAN
GO! SMART	8	3.15		1	01483001	9002719039549

- Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.2° between 1° and 89°
- Adjustable inclination display in °, %, mm/m, and in/ft
- Bluetooth interface for the SOLA Measures app
- Convenient reading thanks to reversible display for inverted measurements
- Practical V-nut with magnet for a secure hold on pipes and metal surfaces
- Compact, lightweight, handy

Included accessories

- GO! belt case SMART
- 1 x 1.5 V (AA) battery

Technical details:

	GO! SMART DISPLAY	GO! SMART
Item description	Inclinometers	Inclinometers
Material	Polyamide, fiberglass reinforced	Polyamide, fiberglass reinforced
Color	red	red
Special characteristic	Solatronic module with Bluetooth	Solatronic module with Bluetooth
Measuring surface	Plastic, V-groove	Plastic, V-groove
Magnet	Neodymium	Neodymium
Dimensions	80 x 55 x 27 mm	80 x 55 x 27 mm
Protection class	IP52	IP52
Power supply	-	1 x 1.5 V (AA) battery

RED DIGITAL

	L [cm]	VP	PU	Item no.	EAN
RED 25 DIGITAL	25		1	01730201	9002719039938
RED 60 DIGITAL	60		1	01730801	9002719039945
RED 120 DIGITAL	120		1	01731401	9002719039952
RED 180 DIGITAL	180		1	01731601	9002719044369

- Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.1° between 1° and 89°
- Bluetooth interface for the SOLA Measures app
- Adjustable inclination display in °, %, mm/m, and in/ft
- HOLD function for storing measured values and for transferring angles
- Convenient reading thanks to reversible display for inverted measurements
- Protection class IP65

Included accessories

- 3 x 1.5 V (AAA) batteries


REDM DIGITAL

	L [cm]	Magnet [pcs]	VP	PU	Item no.	EAN
REDM 30 DIGITAL	30	1		1	01735301	9002719043522
REDM 60 DIGITAL	60	3		1	01735801	9002719039969

- Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.1° between 1° and 89°
- Bluetooth interface for the SOLA Measures app
- Adjustable inclination display in °, %, mm/m, and in/ft
- Convenient reading thanks to reversible display for inverted measurements
- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- Strong neodymium magnet for high adhesive force

Included accessories

- 3 x 1.5 V (AAA) batteries


Technical details:

	RED DIGITAL	REDM DIGITAL
Item description	Electronic incline spirit level	Electronic incline spirit level
Material	Aluminum	Aluminum
Surface	coated	coated
Color	red	red
Profile weight	890 g/m	890 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
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 with Bluetooth	Solatronic module with Bluetooth
Measuring surface	coated	coated
Magnet	-	Neodymium
End cap	2-c	2-c
Dimensions	59 x 27 mm	59 x 27 mm
Protection class	IP65	IP65
Power supply	3 x 1.5 V (AAA) batteries	3 x 1.5 V (AAA) batteries



RED LASER DIGITAL

	L [cm]	VP	PU	Item no.	EAN
RED 60 LASER DIGITAL	60		1	71051001	9002719040620

- Measuring tolerance Solatronic module:
0.05° at 0° and 90°
0.1° between 1° and 89°
- Bluetooth interface for the SOLA Measures app
- Adjustable inclination display in °, %, mm/m, and in/ft
- HOLD function for storing measured values and for transferring angles
- Turn on audible signal for guidance in difficult conditions
- Convenient reading thanks to reversible display for inverted measurements

Included accessories

- 2 x 1.5 V (AAA) batteries

Optional accessories

- see accessories table

Technical details:

RED LASER DIGITAL

Item description	Laser spirit level with electronic inclinometer and Bluetooth
Material	Aluminum
Surface	coated
Color	red
Profile weight	890 g/m
Measuring tolerance, standard position	0.25 mm/m (0.014°)
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	Solatronic module with Bluetooth
Measuring surface	coated
End cap	1-c + 2-c
Dimensions	59 x 27 mm
Protection class	IP65
Power supply	5 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
Measuring tolerance, laser	±0.15 mm/m (0.008°)

HPL	L [cm]	L [in]	VP	PU	Item no.	EAN
HPL 75	75	29.5		1	01711001	9002719030713

- Highest measuring accuracy in standard and inverted position
- Large, extra-strong aluminum I-beam 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 more comfortable grip



HPL 3	L [cm]	L [in]	VP	PU	Item no.	EAN
HPL 3 180	180	71		1	01713601	9002719030720

- Highest measuring accuracy in standard and inverted position
- Large, extra-strong aluminum I-beam 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 more comfortable grip



Technical details:

	HPL	HPL 3
Item description	Precision spirit level	Precision spirit level
Material	Aluminum	Aluminum
Surface	anodized	anodized
Color	silver	silver
Profile weight	1181 g/m	1181 g/m
Measuring tolerance, standard position	0.30 mm/m (0.017°)	0.30 mm/m (0.017°)
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
Measuring surface	anodized	anodized
Handles	2	6
End cap	1-c	1-c
Dimensions	100 x 25 mm	100 x 25 mm

Die-cast spirit levels



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

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- Improved readability in dim light thanks to optimized SOLA luminous backing
- High measuring accuracy in standard and inverted position
- Heavy, extremely sturdy aluminum die-cast spirit level with a milled measuring surface



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

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- Improved readability in dim light thanks to optimized SOLA luminous backing
- High measuring accuracy in standard and inverted position
- Heavy, extremely sturdy aluminum die-cast spirit level with a milled measuring surface
- Strong neodymium magnet for high adhesive force



M 25	L [cm]	VP	PU	Item no.	EAN
M 25	25	○	1	01330101	9002719043683

- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Outstanding 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

Technical details:	M	MM	M 25
Item description	Die-cast spirit level, trapezoidal shape	Die-cast spirit level, trapezoidal shape	Die-cast spirit level, trapezoidal shape
Material	Aluminum, die-cast	Aluminum, die-cast	Aluminum, die-cast
Surface	coated	coated	coated
Color	red	red	red
Measuring tolerance, standard position	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)	0.50 mm/m (0.029°)
Measuring tolerance, inverted measurement	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	1	1
Number of vertical vials	1	1	1
Measuring surface	milled	milled	milled, V-groove
Magnet	-	Neodymium	-

MM 5 25

	L [cm]	VP	PU	Item no.	EAN
MM 5 25	25	○	1	01331401	9002719043652

- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Outstanding 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
- Strong neodymium magnet for high adhesive force



Technical details:

MM 5 25

Item description	Die-cast spirit level, trapezoidal shape
Material	Aluminum, die-cast
Surface	coated
Color	red
Measuring tolerance, standard position	0.50 mm/m (0.029°)
Measuring tolerance, inverted measurement	0.75 mm/m (0.043°)
Number of horizontal vials	1
Number of vertical vials	1
Special characteristic	45° angle vial
Measuring surface	milled, V-groove
Magnet	Neodymium

I-profile spirit levels



I	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 aluminum I-profile
- Break-resistant acrylic tube vials for distortion-free visibility
- Shock-absorbing end caps



I5	L [cm]	VP	PU	Item no.	EAN
I5 30	30	○	1	01254301	9002719008521
I5 40	40	○	1	01254501	9002719008538
I5 50	50	○	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 aluminum I-profile
- Break-resistant acrylic tube vials for distortion-free visibility
- Integrated 45° angle measure (fixed)
- Shock-absorbing end caps



ID	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 aluminum I-profile
- Break-resistant acrylic tube vials for distortion-free visibility
- Variable angle meter with locking device
- Shock-absorbing end caps

Technical details:

	I	I5	ID
Item description	I-beam spirit level	I-beam spirit level	I-beam spirit level
Material	Aluminum	Aluminum	Aluminum
Surface	anodized	anodized	anodized
Color	silver	silver	silver
Profile weight	650 g/m	650 g/m	650 g/m
Measuring tolerance, standard position	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1	1
Number of vertical vials	1	1	1
Special characteristic	-	45° angle vial	Variable adjustable angle meter in °
Measuring surface	anodized	anodized	anodized
End cap	1-c	1-c	1-c
Dimensions	58 x 25 mm	58 x 25 mm	58 x 25 mm

GO! MAGNETIC

	L [cm]	VP	PU	Item no.	EAN
GO! MAGNETIC	6.8		10	01621101	9002719034735
GO! MAGNETIC CLIP	7.5		5	01621201	9002719034759

- 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
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Measuring surface with practical V-groove for pipes
- Compact, lightweight, handy
- Strong neodymium magnet for high adhesive force



GO!

	L [cm]	VP	PU	Item no.	EAN
GO!	6.8		10	01620101	9002719034698
GO! CLIP	7.5		5	01620201	9002719034711

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Break-resistant acrylic block vials with a tightness guarantee of 30 years
- Resistant against water, heat, and cold
- Compact, lightweight, handy



R 100

	L [cm]	VP	PU	Item no.	EAN
R 100	10.0		1	01622101	9002719042914
R 100	10.0		4	01622120	9002719042938
R 100	10.0		10	01622142	9002719043034

- Precise, CNC milled horizontal and vertical vial
- Electrically non-conductive, shatter-proof acrylic glass
- Compact, lightweight, handy
- Resistant against water, heat, and cold
- Printed scale in a 1-mm grid
- Transparent



Technical details:

	GO! MAGNETIC	GO!	R 100
Item description	Compact spirit level	Compact spirit level	Compact spirit level
Material	Polyamide, fiberglass reinforced	Polyamide, fiberglass reinforced	Acrylic glass
Color	red	red	transparent
Measuring tolerance, standard position	0.75 mm/m (0.043°)	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1	1
Number of vertical vials	-	-	1
Measuring surface	Plastic, V-groove	Plastic	Acrylic glass
Magnet	Neodymium	-	-
Dimensions	68 x 21 x 42 mm	68 x 21 x 42 mm	100 x 50 x 15 mm

Plastic spirit levels



PF

	L [cm]	VP	PU	Item no.	EAN
PF 40	40	○	1	01412501	9002719037897
PF 50	50	○	1	01412701	9002719037903
PF 60	60	○	1	01412801	9002719037910
PF 80	80	○	1	01413101	9002719037927

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Lightweight, warp-free profile form
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- No signs of abrasion on tiles and porcelain stoneware



PHF

	L [cm]	VP	PU	Item no.	EAN
PHF 22	22	📦	6	01412101	9002719037934

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Lightweight, warp-free profile form
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- No signs of abrasion on tiles and porcelain stoneware



T PRO

	L [cm]	L [in]	VP	PU	Item no.	EAN
T PRO	23	9	📦	5	01430701	9002719041573
T PRO	23	9	📦	10	01430801	9002719042075

- Robust aluminum frame combined with ABS plastic guarantees long service life with low weight
- Magnetic stripe with high adhesive strength
- Measuring surface with practical V-groove for pipes
- Viewing window integrated into frame and large vials ensure optimal readability
- Four-ring vial for incline display of 2% when measuring horizontally
- Compact, lightweight, handy

Technical details:

	PF	PHF	T PRO
Item description	Plastic spirit level	Potter spirit level	Torpedo spirit level
Material	ABS plastic	ABS plastic	Aluminum/ABS plastic
Color	red	red	black/red
Measuring tolerance, standard position	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1	1
Number of vertical vials	1	1	1
Special characteristic	-	-	45° angled vial, 4-ring vial (2% incline)
Measuring surface	Plastic	Plastic	Aluminum/V groove
Magnet	-	-	Magnetic strip
Dimensions	53 x 24 mm	45 x 23 mm	230 x 15 x 43 mm

PTF

	L [cm]	VP	PU	Item no.	EAN
PTF 25	25		6	01412201	9002719037958

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Improved readability in dim light thanks to optimized SOLA luminous backing
- Lightweight, warp-free profile form
- Break-resistant acrylic block vials with a magnifying lens (+20 %) and a 30-year guarantee against leakage
- No signs of abrasion on tiles and porcelain stoneware
- Measuring surface with practical V-groove for pipes


PT 5

	L [cm]	VP	PU	Item no.	EAN
PT 5 20	20		20	01430201	9002719000723
PT 5 20	20		5	01430220	9002719006091

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


PTM 5

	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 adhesive strength


Technical details:

	PTF	PT 5	PTM 5
Item description	Torpedo spirit level	Torpedo spirit level	Torpedo spirit level
Material	ABS plastic	ABS plastic	ABS plastic
Color	red	red	red
Measuring tolerance, standard position	1.00 mm/m (0.057°)	1.50 mm/m (0.086°)	1.50 mm/m (0.086°)
Number of horizontal vials	1	1	1
Number of vertical vials	1	1	1
Special characteristic	-	45° angle vial	45° angle vial
Measuring surface	Plastic, V-groove	Plastic, V-groove	Plastic
Magnet	-	-	Magnetic stripe
Dimensions	40 x 21 mm	37 x 15 mm	37 x 15 mm

Plastic spirit levels



UZ

	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



K 5

	L [cm]	VP	PU	Item no.	EAN
K 5	6	○	1	01430901	9002719001218
K 5	6	◻	5	01430920	9002719001225

- Compact, lightweight, handy
- 2-axis leveling without repositioning the spirit level thanks to T-shaped arrangement of the vials
- Break-resistant acrylic tube vials
- Screw holes for permanent fixing



JP

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

- Precise and convenient 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:

	UZ	K 5	JP
Item description	Line spirit level	Cross spirit level	Post spirit level
Material	ABS plastic	ABS plastic	ABS plastic
Color	red	red	gray
Number of horizontal vials	1	2	2
Number of vertical vials	-	-	1
Measuring surface	Plastic, V-groove	Plastic	-
Dimensions	24 x 13 mm	60 x 45 mm	140 x 92 mm

NP 121

	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 vial 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

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

- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Accurate, adjustable angular dimensions
- Break-resistant acrylic block vial 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


NAM

	L [cm]	Magnet [pcs]	VP	PU	Item no.	EAN
NAM 13	14.5	1	○	1	01484101	9002719040835
NAM 50	50	4		1	01484501	9002719040842

- Lateral magnet installation for a seamless measuring surface and maximum protection of the magnet
- Strong neodymium magnet for high adhesive force
- Accurate, adjustable angular dimensions
- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- 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	NAM
Item description	Inclinometers	Incline spirit level	Incline spirit level
Material	Aluminum	Aluminum	Aluminum
Surface	anodized	anodized	anodized
Color	gold	gold	gold
Profile weight	-	650 g/m	650 g/m
Number of horizontal vials	1	1	1
Special characteristic	Circular acrylic disk	Circular acrylic disk	Circular acrylic disk
Measuring surface	anodized	anodized	anodized
Magnet	-	-	Neodymium
End cap	-	1-c	1-c
Dimensions	-	50 x 23 mm	50 x 23 mm



APK

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

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

Technical details:

	APK
Item description	Incline spirit level
Material	Aluminum
Surface	anodized
Color	gold
Profile weight	750 g/m
Measuring tolerance, standard position	0.50 mm/m (0.029°)
Number of horizontal vials	1
Measuring surface	Measuring bolt
Dimensions	50 x 24 mm

S 1012

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

- Rapid, precise leveling, even in confined spaces
- Tubes made of break-resistant acrylic glass
- Ready to use immediately: no draining required after first filling
- Brass bleed valves with seal rings



SP 10

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

- Rapid, precise leveling, even in confined spaces
- Tubes made of break-resistant acrylic glass
- Ready to use immediately: no draining required after first filling
- Plastic sealing plugs



S 120

	L [m]	VP	PU	Item no.	EAN
S 120	20		1	01452201	9002719001065

- Rapid, precise leveling, even in confined spaces
- Tubes made of break-resistant acrylic glass
- Ready to use immediately: no draining required after first filling
- Brass bleed valves with seal rings


Technical details:

	S 1012	SP 10	S 120
Item description	Tube spirit level	Tube spirit level	Tube spirit level set
Material	Acrylic glass	Acrylic glass	Acrylic glass/PVC transparent
Color	transparent	transparent	transparent/red
Special characteristic	-	-	Tube spirit level S 1012 and tube
Lock	Brass	Plastic	Brass
Graduations	0 - 155 mm	0 - 155 mm	0 - 155 mm
Tube diameter	10/12 mm (1/2")	10/12 mm (1/2")	10/12 mm (1/2")

Tube spirit levels



SCHL

	L [m]	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 tube spirit levels

Technical details:

	SCHL
Item description	Hose
Material	PVC transparent
Color	red
Tube diameter	10/12 mm (1/2")

Special vials

DB	Ø [mm]	Sensitivity	VP	PU	Item no.	EAN
DB 12	12	50 arc.min	○	1	69213101	9002719010579
DB 14	14	50 arc.min	○	1	69213201	9002719010586
DB 15	15	50 arc.min	○	1	69213301	9002719010593
DB 18	18	40 arc.min	○	1	69213401	9002719010609
DB 20	20	50 arc.min	○	1	69213501	9002719009481



- Quick and easy reading
- Comfortable 2-axis leveling without repositioning the vial

DF	Ø [mm]	Sensitivity	VP	PU	Item no.	EAN
DF 30	30	50 arc.min	○	1	69214201	9002719009696



- Quick and easy reading
- Comfortable 2-axis leveling without repositioning the vial
- Screw holes for permanent fixing

F	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 precise alignment of the vial
- Improved readability in dim light thanks to optimized SOLA luminous backing
- OF: without adjusting spring, MF: with adjusting spring



Technical details:	DB	DF	F
Item description	Circular vial	Circular vial	Mounting spirit level
Material	Acrylic glass	Acrylic glass/plastic	Glass/aluminum
Surface	-	-	anodized
Color	transparent	transparent/black	transparent/gold
Fastening	-	Flange	Screw/adjusting spring
Vial fluid	green	green	colorless



RED CLIP

	VP	PU	Item no.	EAN
RED CLIP (2 x RED CLIP)	☑	1	01999901	9002719041092

- The screeding level can be used as an inclinometer in combination with a RED digital spirit level
- Compatible with all SOLA RED models
- Easy assembly and disassembly
- Level horizontal surfaces
- Measure inclines digitally
- Stainless spring steel guarantees durability and lasting strong clamping force



BAG 25

	L [cm]	L [in]	VP	PU	Item no.	EAN
BAG 25	25	10	☑	1	R316157	9002719038924



BAG

	L [cm]	L [in]	VP	PU	Item no.	EAN
BAG 60	60	24	☑	1	R316149	9002719038870
BAG 80	80	32	☑	1	R316150	9002719038887
BAG 120	120	48	☑	1	R316151	9002719038894
BAG 200	200	78	☑	1	R316154	9002719038900
BAG 180	180	72	☑	1	R316156	9002719038917



BAG PLUS

	L [cm]	L [in]	VP	PU	Item no.	EAN
BAG 130 PLUS	130	51.5	☑	1	R316168	9002719042556
BAG 200 PLUS	200	78	☑	1	R316169	9002719042563

- „PLUS“ version with additional side pockets for extra measuring and marking equipment (130 PLUS -> 5 side pockets, 200 PLUS -> 6 side pockets)
- BAG 130 PLUS provides space for 130, 100, 65, 45, 30 and 25cm products
- BAG 200 PLUS provides space for 200, 130, 100, 65, 45, 40 and 30cm products

Technical details:	RED CLIP	BAG 25	BAG	BAG PLUS
Item description	Red Clip	Belt case (spare part)	Protective case for spirit levels	Protective case for spirit levels
Material	Stainless spring steel	Synthetic fiber	Synthetic fiber	Synthetic fiber
Color	silver	black	black	black
Special characteristic	Clip system for the Red family of spirit levels	-	-	Additional side pockets

ST	VP	PU	Item no.	EAN
ST		1	71116101	9002719009085



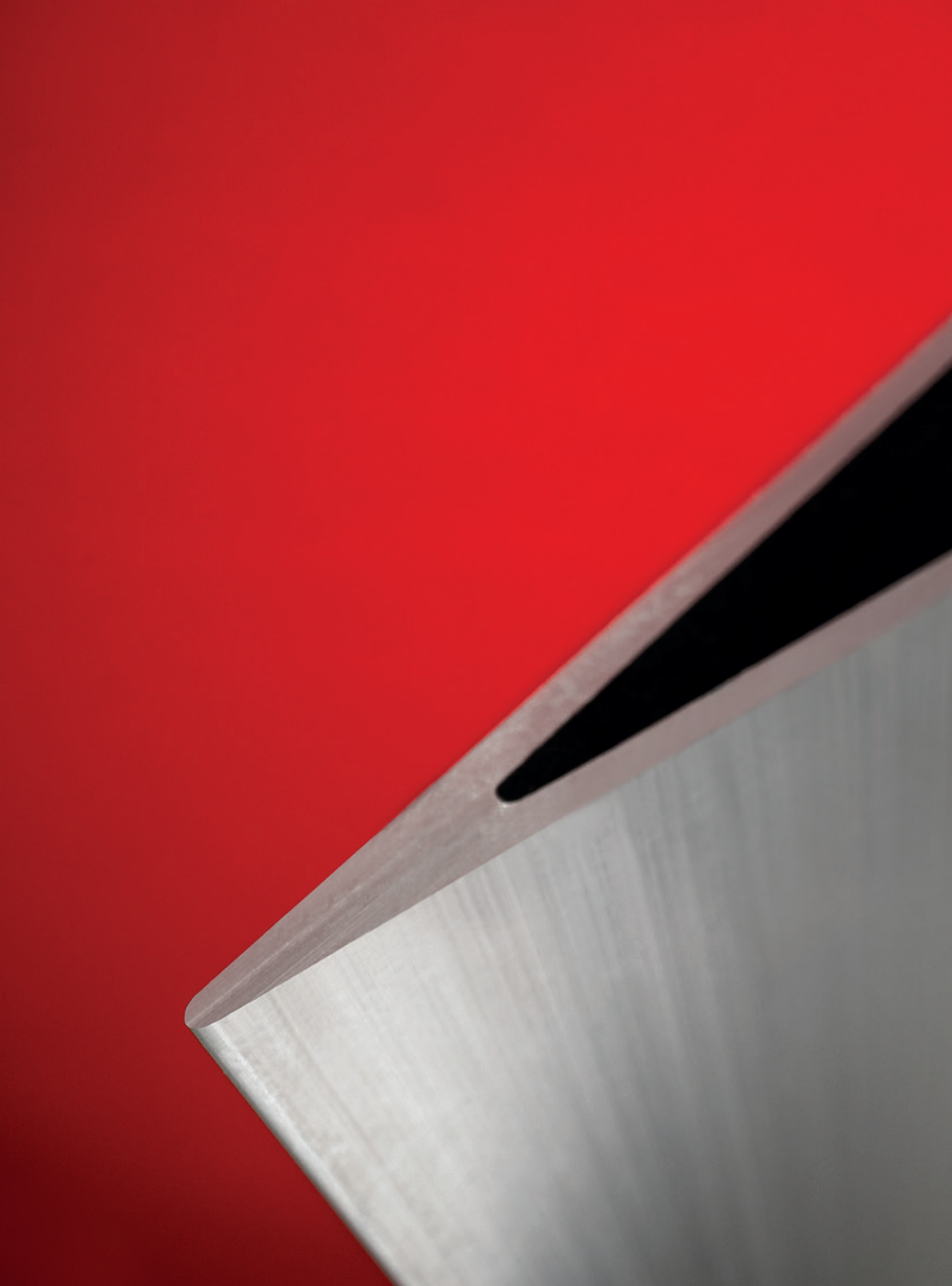
WP	VP	PU	Item no.	EAN
WP		1	71114101	9002719009078



NB	VP	PU	Item no.	EAN
NB		1	71118701	9002719012986



Technical details:	ST	WP	NB
Item description	Beam splitter	Angle prism	Leveling base
Material	Plastic	Plastic	Plastic
Color	black/red	black	black
Special characteristic	magnetic	magnetic	-
Dimensions	42 x 26 mm	42 x 26 mm	150 x 81 x 150 mm
Leveling	90° and horizontal plumb beam	90° angle	2 thumbscrews
Tripod adapter	-	-	5/8"
Working range	360°, rotatable	360°, rotatable	360°, rotatable



Screeding levels

Endurance. In any situation.

Show strength every day. SOLA screeding levels have to withstand a great deal. That's why we've made them as stable as possible. With a weight of up to 1,240 g per linear meter, they reliably withstand daily loads when removing plaster, loose material, and gravel. And in the event of a fall, SOLA screeding levels are protected by Shock absorbing end caps. A tool for all purposes.



Accuracy + precision = SOLA.

With a maximum measuring tolerance of 0.75 mm/m (0.043°) in the standard position, the SOLA screeding levels with vials provide unrivaled accuracy when measuring.

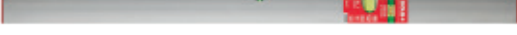
Screeding levels SL2/SLG2 and SLGI2 are currently the only products on the market that allow measuring in the inverted position. This means that overhead applications are also possible.



The difference for even surfaces: The FOCUS vial.

The patented FOCUS vial in SOLA screeding levels makes crucial work steps more precise than ever, thanks to significantly better contrast compared to standard ring vials, easy reading via the magnifying lens, break-proof acrylic glass and temperature-resistant fluid. In addition, the vial in the SOLA screeding levels is always at eye level when working – regardless of the application. And because we like to think a long way ahead, we offer a 30-year guarantee for absolute vial tightness with our patented ultrasonic welding.



		Measuring tolerance, standard position	Measuring tolerance, inverted measurement	Page
Screeding levels with vials				
SL 2		0.75	1.00	55
SLG 2		0.75	1.00	55
SLGI 2		0.75	1.00	55
SL 1		0.75	-	56
SLG 1		0.75	-	56
SLN 1		0.75	-	56
SLX 2		1.00	-	57
SLXG 2		1.00	-	57

Screeding edges without vials

AL 1008		-	-	58
AL 1009		-	-	58
AL 1007		-	-	58
AL 2605		-	-	59
ALZ 2605		-	-	59
AL 2606		-	-	59
AL 2607		-	-	60

SL 2

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



SLG 2

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



SLGI 2

	L [cm]	VP	PU	Item no.	EAN
SLGI 2 200	200	○	1	02014631	9002719020264
SLGI 2 250	250	○	1	02014931	9002719044055

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



Technical details:

	SL 2	SLG 2	SLGI 2
Item description	Screeding level	Screeding level	Screeding level
Material	Aluminum box profile	Aluminum box profile	Aluminum box profile
Surface	natural	natural	natural
Color	natural	natural	natural
Profile weight	870 g/m	870 g/m	870 g/m
Measuring tolerance, standard position	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Measuring tolerance, inverted measurement	1.00 mm/m (0.057°) to 250 cm	1.00 mm/m (0.057°) to 250 cm	1.00 mm/m (0.057°) to 250 cm
Number of horizontal vials	1	1	1
Number of vertical vials	1	1	1
Handles	-	2	2 (inliegend)
End cap	1-c	1-c	1-c
Dimensions	100 x 18 mm	100 x 18 mm	100 x 18 mm



SL 1

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



SLG 1

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



SLN 1

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

Technical details:	SL 1	SLG 1	SLN 1
Item description	Screeding level	Screeding level	Screeding level
Material	Aluminum box profile	Aluminum box profile	Aluminum box profile
Surface	natural	natural	natural
Color	natural	natural	natural
Profile weight	870 g/m	870 g/m	770 g/m
Measuring tolerance, standard position	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)	0.75 mm/m (0.043°)
Number of horizontal vials	1	2	1
Handles	-	2	-
End cap	1-c	1-c	1-c
Dimensions	100 x 18 mm	100 x 18 mm	80 x 18 mm

SLX 2

	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 professional builders
- Better, faster, and more accurate reading through the patented SOLA FOCUS vials
- Break-resistant acrylic block vial with a tightness guarantee of 30 years
- Shock-absorbing end caps



SLXG 2

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



Technical details:

	SLX 2	SLXG 2
Item description	Screeding level	Screeding level
Material	Aluminum box profile	Aluminum box profile
Surface	natural	natural
Color	natural	natural
Profile weight	700 g/m	700 g/m
Measuring tolerance, standard position	1.00 mm/m (0.057°)	1.00 mm/m (0.057°)
Number of horizontal vials	1	1
Number of vertical vials	1	1
Handles	-	2
End cap	1-c	1-c
Dimensions	100 x 18 mm	100 x 18 mm



AL 1008

	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 aluminum alloy for a long service-life
- Shock-absorbing end caps
- Integrated handles for a more comfortable grip



AL 1009

	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

- Extremely rugged profile made of high-strength aluminum alloy for a long service-life
- Shock-absorbing end caps



AL 1007

	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

- High-strength aluminum profile for professional builders
- Shock-absorbing end caps

Technical details:

	AL 1008	AL 1009	AL 1007
Item description	Screeding edge	Screeding edge	Screeding edge
Material	Aluminum box profile	Aluminum box profile	Aluminum box profile
Surface	natural	natural	natural
Color	natural	natural	natural
Profile weight	870 g/m	870 g/m	670 g/m
Handles	2	-	-
End cap	1-c	1-c	1-c
Dimensions	100 x 18 mm	100 x 18 mm	100 x 18 mm

AL 2605

	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 aluminum profile



ALZ 2605

	L [cm]	VP	PU	Item no.	EAN
ALZ 2605 100	100	○	1	03194601	9002719044963
ALZ 2605 120	120	○	1	03194701	9002719044970

- screeding edge with 10 x 10 mm serration
- Ergonomic, torsionally rigid aluminum profile



AL 2606

	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 aluminum profile
- Shock-absorbing end caps



Technical details:

	AL 2605	ALZ 2605	AL 2606
Item description	Screeding edge	Screeding edge	Screeding edge
Material	Aluminum H-profile	Aluminum H-profile	Aluminum trapezium profile
Surface	natural	natural	natural
Color	natural	natural	natural
Profile weight	850 g/m	850 g/m	680 g/m
End cap	-	-	1-c
Dimensions	113 x 28 mm	113 x 28 mm	98 x 17 mm

Screeding edges without vials



AL 2607

	L [cm]	VP	PU	Item no.	EAN
AL 2607 100	100	○	1	03240101	9002719037507
AL 2607 150	150	○	1	03240401	9002719037514
AL 2607 200	200	○	1	03240601	9002719037521

- Ergonomic, torsionally rigid aluminum profile
- Application and removal can be done using just one tool
- Shock-absorbing end caps

Technical details:

AL 2607

Item description	Screeding edge
Material	Aluminum combination profile
Surface	natural
Color	natural
Profile weight	1240 g/m
End cap	1-c
Dimensions	140 x 35 mm

The image is a close-up, high-contrast photograph of a laser cutting process. A bright red laser beam is focused on a metal workpiece, creating a glowing orange and yellow cutting edge. The background is dark, with some blurred green and blue light sources. The overall scene is dynamic and industrial.

Lasers

The starting point of all good work: Precision.

Precise measurements are the basis of all good work. For all applications – from civil engineering to interior work – SOLA has created a series of high-quality laser devices that provide exact results, even in the toughest conditions. With maximum ease of operation and state-of-the-art technology.

- Consistently user-oriented
- Easy to use
- Extremely robust
- Safe and harmless to the eye, thanks to the use of laser classes 2 and 2M

We have been continuously developing our laser range since 2009, and have received the Red Dot Design Award, the German Design Award, and the iF Design Award, among others.

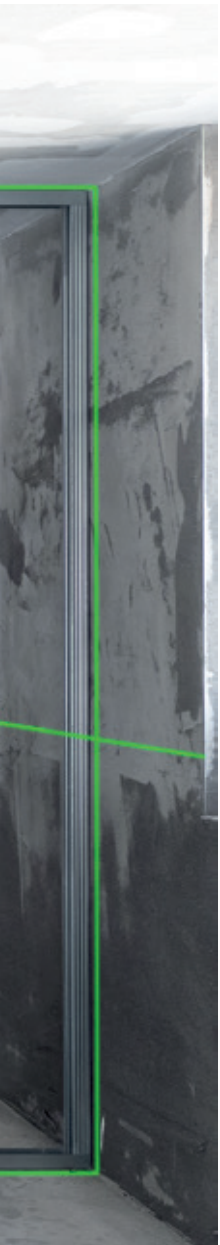




SOLA rotation lasers.

Due to their range and high level of accuracy, rotation lasers are suitable for leveling over long distances. They are used to map areas, to create reference levels over long distances, and to measure slopes. Rotation lasers are usually used with a tripod and hand-held receiver.

- 360° laser line
- Flexible use both indoors and outdoors
- Extremely robust and high IP protection from dust and moisture



SOLA line lasers.

Line lasers can be used to project individual lines, complex line panoramas, and plumb points. They are mainly used indoors, over shorter distances. With a receiver, SOLA line lasers can reach a range of up to 80 m.

- Precise, consistent, and clearly visible laser lines
- Ideal for working indoors
- Green laser line for better visibility

We also make our laser devices tough.

SOLA's technology is protected by stable, extremely robust plastic housing. And because anything can happen on a construction site, we subject every SOLA laser device to extensive drop and topple tests, to make sure that it is resistant to harsh environments.

The housing and operating elements are sealed in accordance with the applicable IP protection classes. This way, dust and water cannot affect the SOLA laser device. The devices are also easy to clean.



IP42

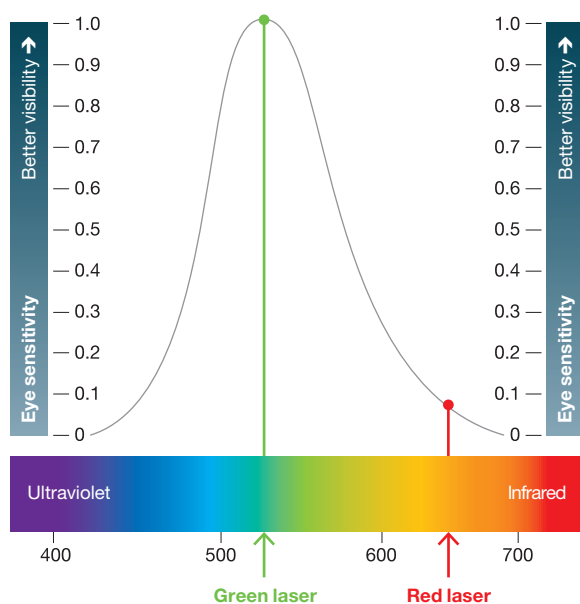
Protection against dust and dripping water. For devices that are mainly used indoors.

IP54

Protection against dust and splashes. For devices that are used both indoors and outdoors.

IP66

Dust-tightness and protection against jet water. The device can be used outdoors in all weathers, and indoors in a dusty environment.



Light wavelengths in SOLA laser devices.

SOLA laser devices work in a wavelength range from 630 to 680 nm (red) and 510 to 525 nm (green), and so are easily visible to the human eye.



REAL GREEN: Advantages: Instantly recognizable.

Green SOLA lasers are equipped with real green diodes. This means that the green laser light is generated directly and without losses. This is highly advantageous over other technologies.

More visible

The sensitivity of the eye is not the same for all of the colors (wavelengths) on the light spectrum. The eye is best at perceiving the wavelength of green light.

High-quality

REAL GREEN technology generates laser lines with significantly less scattering (speckles). The advantage: higher quality laser lines, which make work much easier.

Brighter and sharper


REAL GREEN technology generates noticeably brighter and higher-contrast laser lines, which are perfect for precise measurements.



The perfect fit: SOLA laser devices and accessories.



Rotation lasers

 EVO 360 PROFESSIONAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Line and point lasers

 FLOX	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 X2 GREEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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 PLANO 3D GREEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 PLANO 3D GREEN PROFESSIONAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 PLANO 4D GREEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 CROSSLINE GREEN NX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

















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Included accessories Optional accessories Suitable for plumbing point















Rotation lasers

EVO 360 PROFESSIONAL			70
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Line and point laser

FLOX			71
PLANO 4D GREEN			72
PLANO 3D GREEN PROFESSIONAL			73
PLANO 3D GREEN			74
X2 GREEN PROFESSIONAL			75
X2 GREEN			76
CROSSLINE GREEN NX			77

Tripod adapters

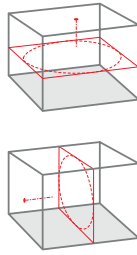
TST			78
KST			78
BST			78
FST			79
MST			79
UTC			79
WB			80
WH 5/8"			80
MH			80
NK1			81
GA-SET			81

Laser accessories

REC RRD2			82
REC LGD0			82
REC LRD0			82
BA			83
CC			83
FL			83
ML 5			84

Laser accessories

LB GREEN			84
LB RED			84
ZLM GREEN			85
ZS RED			85



EVO 360 PROFESSIONAL

	VP	PU	Item no.	EAN
EVO 360 PROFESSIONAL		1	71018201	9002719045205

- New laser reception technology: precision mm display of the height difference even at large distances
- For use in horizontal or vertical operation
- Protection class IP66
- Very high accuracy
- Plumbing point for marking out right angles
- Automatic height monitoring, stops the laser in the event of strong vibrations



Included accessories

- Receiver REC RRD2 EVO 360
- EVO 360 case
- Charger
- Power plug
- Rechargeable battery cell 18650

Optional accessories

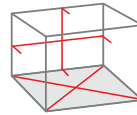
- see accessories table

Technical details:

	EVO 360 PROFESSIONAL
Item description	Horizontal/vertical rotation laser
Dimensions	179 x 143 x 211 mm
Leveling	automatic
Measuring tolerance	±0.10 mm/m
Self-leveling range	±5°
Application range without handheld receiver (radius)	20 m*
Application range with handheld receiver (radius)	300 m*
Operating temperature	-10°C to +50 °C
Rotation speed	600 rpm
Tripod adapter	5/8"
Protection class	IP66
Power supply	2 x 3.6 V (18650) Li-ion battery (2 x 3450 mAh)
Operating time (at 20 °C)	40 hrs
Laser class	2M, DIN EN 60825-1:2014+A1:2017
Output power	< 1.0 mW
Wavelength	635 - 650 nm

FLOX

	VP	PU	Item no.	EAN
FLOX		1	71017301	9002719035466



- Laser cross in front and continuous 90° laser lines allow for uninterrupted working without re-positioning the laser
- 5 mm ground clearance enables the tiles to be attached under the device
- Bright, highly visible laser lines
- Rotatable base for easy and rapid alignment of the line position
- Particularly easy and safe operation even for less experienced users

Included accessories

- Battery adapter
- Laser visibility glasses
- 3 x 1.5 V (AA) batteries
- FLOX case

Optional accessories

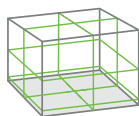
- see accessories table



Technical details:

	FLOX
Item description	Line lasers
Dimensions	150 x 119 x 122 mm
Leveling	Permanent floor line Self-leveling wall cross
Measuring tolerance	±0.30 mm/m (floor) / ±0.50 mm/m (wall)
Self-leveling range	±3°
Application range without handheld receiver (radius)	30 m* (floor) / 10 m* (wall)
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries
Operating time (at 20 °C)	9 hrs (floor)/40 hrs (wall) 3 x 1.5 V (AA) batteries 24 hrs (floor)/65 hrs (wall) SOLA Li-ion battery (5200 mAh)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	635 nm

Line and point laser



PLANO 4D GREEN

VP	PU	Item no.	EAN
	1	71018001	9002719044833

- Two vertical 360° and two horizontal 360° laser lines allow for universal use
- Ground-level horizontal 360° laser line for checking the floor for bumps and slopes
- Highly visible laser lines, individually switchable
- Switchable inclination function
- Compact, lightweight, handy
- Switchable pulse function for the use of the optional receiver REC LGD0 in difficult visibility conditions



Included accessories

- Wall mount 5/8"
- Rechargeable battery cell 18650
- Charger
- Power plug
- Rechargeable battery cell 18650

Optional accessories

- see accessories table

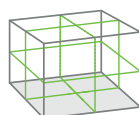
Technical details:

PLANO 4D GREEN

Item description	Line and point lasers
Dimensions	150 x 95 x 145 mm
Leveling	Self-leveling
Measuring tolerance	±0.30 mm/m
Self-leveling range	±3°
Application range without handheld receiver (radius)	30 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4"
Protection class	IP54
Power supply	2 x 3.6 V (18650) Li-ion battery (2 x 3450 mAh)
Operating time (at 20 °C)	8 hrs (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	510 - 530 nm

PLANO 3D GREEN PROFESSIONAL

	VP	PU	Item no.	EAN
PLANO 3D GREEN PROFESSIONAL		1	71017201	9002719042808



- Two vertical 360° and one horizontal 360° laser lines enable universal use
- Highly visible laser lines, individually switchable
- Switchable inclination function
- Switchable pulse function for the use of the optional receiver REC LGD0 in difficult visibility conditions
- Compact, lightweight, handy

Included accessories

- Wall mount 5/8"
- Laser visibility glasses
- PLANO 3D GREEN battery adapter
- PLANO 3D GREEN case professional set
- Charger
- Power plug
- Rechargeable battery cell 18650

Optional accessories

- see accessories table

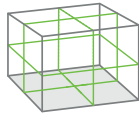


Technical details:

PLANO 3D GREEN PROFESSIONAL

Item description	Line and point lasers
Dimensions	150 x 95 x 125 mm
Leveling	Self-leveling
Measuring tolerance	±0.30 mm/m
Self-leveling range	±3°
Application range without handheld receiver (radius)	30 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	2 x 3.6 V (18650) Li-ion battery (2 x 3450 mAh)
Operating time (at 20 °C)	8 hrs (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	505 - 520 nm

Line and point laser



PLANO 3D GREEN

	VP	PU	Item no.	EAN
PLANO 3D GREEN		1	71017101	9002719042792

- Two vertical 360° and one horizontal 360° laser lines enable universal use
- Highly visible laser lines, individually switchable
- Switchable inclination function
- Switchable pulse function for the use of the optional receiver REC LGD0 in difficult visibility conditions
- Compact, lightweight, handy



Included accessories

- PLANO 3D GREEN battery adapter
- PLANO 3D GREEN case
- Charger
- Power plug
- Rechargeable battery cell 18650

Optional accessories

- see accessories table

Technical details:

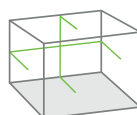
PLANO 3D GREEN

Item description	Line and point lasers
Dimensions	150 x 95 x 125 mm
Leveling	Self-leveling
Measuring tolerance	±0.30 mm/m
Self-leveling range	±3°
Application range without handheld receiver (radius)	30 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4" + 5/8"
Protection class	IP54
Power supply	2 x 3.6 V (18650) Li-ion battery (2 x 3450 mAh)
Operating time (at 20 °C)	8 hrs (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	505 - 520 nm

X2 GREEN PROFESSIONAL

	VP	PU	Item no.	EAN
X2 GREEN PROFESSIONAL		1	71014101	9002719045243

- High accuracy
- Compact, lightweight, handy
- Switchable inclination function
- Highly visible laser lines, individually switchable
- Permanent pulse function enables use of the optional REC LGD0 receiver in difficult visibility conditions
- REAL GREEN technology - Real. Improved. Visible.



Included accessories

- Wall mount 5/8"
- 4 x 1.5 V (AA) batteries
- X2 GREEN PROFESSIONAL case

Optional accessories

- see accessories table

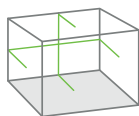


Technical details:

X2 GREEN PROFESSIONAL

Item description	Line lasers
Dimensions	110 x 70 x 100 mm
Leveling	Self-leveling
Measuring tolerance	±0.20 mm/m
Self-leveling range	±3°
Application range without handheld receiver (radius)	30 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4"
Protection class	IP54
Power supply	4 x 1.5 V (AA) batteries
Operating time (at 20 °C)	8 hrs (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	510 - 530 nm

Line and point laser



X2 GREEN

	VP	PU	Item no.	EAN
X2 GREEN		1	71014001	9002719045236

- High accuracy
- Compact, lightweight, handy
- Switchable inclination function
- Highly visible laser lines, individually switchable
- Permanent pulse function enables use of the optional REC LGD0 receiver in difficult visibility conditions
- REAL GREEN technology - Real. Improved. Visible.

Included accessories

- X2 GREEN case
- 4 x 1.5 V (AA) batteries

Optional accessories

- see accessories table



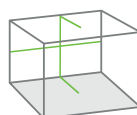
Technical details:

	X2 GREEN
Item description	Line lasers
Dimensions	110 x 70 x 100 mm
Leveling	Self-leveling
Measuring tolerance	±0.20 mm/m
Self-leveling range	±3°
Application range without handheld receiver (radius)	30 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4"
Protection class	IP54
Power supply	4 x 1.5 V (AA) batteries
Operating time (at 20 °C)	8 hrs (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 1.0 mW
Wavelength	510 - 530 nm

CROSSLINE GREEN NX

	VP	PU	Item no.	EAN
CROSSLINE GREEN NX		1	71013801	9002719043720

- High accuracy
- Compact, lightweight, handy
- Highly visible laser lines, individually switchable
- Rotatable base for easy and rapid alignment of the line position
- Permanent pulse function enables use of the optional REC LGD0 receiver in difficult visibility conditions
- REAL GREEN technology - Real. Improved. Visible.



Included accessories

- Wall mount 5/8"
- Battery adapter
- 3 x 1.5 V (AA) batteries
- CROSSLINE GREEN NX case

Optional accessories

- see accessories table



Technical details:

Technical details:	CROSSLINE GREEN NX
Item description	Line lasers
Dimensions	120 x 65 x 105 mm
Leveling	Self-leveling
Measuring tolerance	±0.20 mm/m
Self-leveling range	±4°
Application range without handheld receiver (radius)	25 m*
Application range with handheld receiver (radius)	80 m*
Operating temperature	-10°C to +50 °C
Tripod adapter	1/4"
Protection class	IP54
Power supply	3 x 1.5 V (AA) batteries
Operating time (at 20 °C)	8 hrs (all diodes)
Laser class	2, DIN EN 60825-1 : 2014
Output power	< 5.0 mW
Wavelength	520 nm

Tripod adapters



TST

	VP	PU	Item no.	EAN
TST		1	71121501	9002719016267

- Integrated circular vial



KST

	VP	PU	Item no.	EAN
KST		1	71121101	9002719013006

- Integrated circular vial



BST

	VP	PU	Item no.	EAN
BST		1	71120101	9002719009030

- Tripod thread with bore for plumb point laser

Technical details:

	TST	KST	BST
Item description	Telescopic tripod	Crank tripod	Construction tripod
Material	Aluminum	Aluminum	Aluminum
Surface	anodized	anodized	anodized
Color	silver	silver	silver
Weight	7500 g	6100 g	4800 g
Working range	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

Tripod adapters

FST

	VP	PU	Item no.	EAN
FST		1	71121701	9002719020141

- Integrated circular vial

Included accessories

- 5/8" thread adapter



MST

	VP	PU	Item no.	EAN
MST		1	71121901	9002719035459



UTC

	VP	PU	Item no.	EAN
UTC		1	71122101	9002719044093

- Integrated circular vial



Technical details:	FST	MST	UTC
Item description	Compact tripod	Mini tripod	Clamping rod
Material	Aluminum	ABS plastic	Aluminum
Surface	anodized	-	coated
Color	silver	black	black
Weight	1280 g	180 g	3020 g
Working range	42 - 120 cm	14 cm	60 - 315 cm
Tripod thread	1/4"	1/4"	1/4"
Transport length	46 cm	19 cm	80 cm
Maximum load	5 kg	1 kg	3 kg

Tripod adapters



WB

	VP	PU	Item no.	EAN
WB		1	71124401	9002719044109

- Turntable vertically, horizontally and laterally adjustable
- Support plate rotatable 360°



WH 5/8"

	VP	PU	Item no.	EAN
WH 5/8"		1	71124201	9002719039907

- Tripod thread with bore for plumb point laser



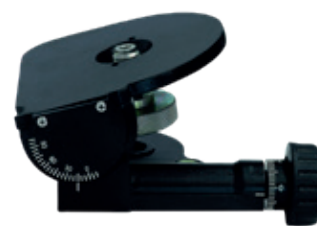
MH

	VP	PU	Item no.	EAN
MH		1	71124001	9002719033509

Technical details:	WB	WH 5/8"	MH
Item description	Wall mount	Wall mount 5/8"	Magnetic bracket
Material	ABS plastic	ABS plastic	ABS plastic
Color	black/red	black/red	red
Weight	730 g	300 g	70 g
Working range	100 mm vertical fine adjustment 70 mm horizontal fine adjustment 20 mm lateral fine adjustment	80 mm fine height adjustment	-
Tripod thread	1/4"	5/8"	-
Transport length	20 cm	13 cm	110 mm
Maximum load	1 kg	1 kg	1 kg

NK1

	VP	PU	Item no.	EAN
NK1		1	71128501	9002719018933



GA-SET

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



Technical details:

	NK1	GA-SET
Item description	Inclination adapter	Threaded adapter-set for SOLA tripods
Material	Aluminum, die-cast	Aluminum
Surface	coated	anodized
Color	black	silver/black
Weight	950 g	-
Working range	-10°C to +100°C (32°F to 212°F)	-
Tripod thread	5/8"	1/4" to 5/8" and 5/8" to 1/4"
Transport length	70 mm	-
Maximum load	15 kg	-



REC RRD2

	VP	PU	Item no.	EAN
REC RRD2		1	71112001	9002719044567

- New laser reception technology: precision mm display of the height difference even at large distances
- Adjustable sensor sensitivity in 4 levels
- Large 90-mm laser reception window for rapid localization of laser beam
- Extra-large LCD display on the front and back for comfortable working
- Optical and acoustic signaling for fast positioning of the receiver
- Automatic switch-off

Included accessories

- 4 x 1.5 V (AA) batteries
- Clamp RRD1 + RRD2

Optional accessories

- see accessories table



REC LGD0

	VP	PU	Item no.	EAN
REC LGD0		1	71111901	9002719033813

- Particularly easy and safe operation even for less experienced users
- Vertical and horizontal vial for exact alignment
- Automatic switch-off
- LCD display on the front and back for comfortable working
- Adjustable accuracy
- Magnet on the top side for attachment to steel surfaces

Included accessories

- LRD0/LGD0 clamp
- 1 x 9 V E-Block battery

Optional accessories

- see accessories table



REC LRD0

	VP	PU	Item no.	EAN
REC LRD0		1	71111801	9002719030010

- Particularly easy and safe operation even for less experienced users
- Vertical and horizontal vial for exact alignment
- Automatic switch-off
- LCD display on the front and back for comfortable working
- Adjustable accuracy
- Magnet on the top side for attachment to steel surfaces

Included accessories

- LRD0/LGD0 clamp
- 1 x 9 V E-Block battery

Optional accessories

- see accessories table

Technical details:	REC RRD2	REC LGD0	REC LRD0
Item description	Receiver REC RRD2 EVO 360	Handheld receiver for green line lasers	Handheld receiver for red line lasers
Dimensions	192 x 73 x 29 mm (without bracket)	195 x 70 x 30 mm (without bracket)	195 x 70 x 30 mm (without bracket)
Measuring tolerance	superfine: ±1.00 mm / fine: ±2.00 mm / medium: ±5.00 mm / rough: ±10.00 mm	Fine: ±0.50 mm/Rough: ±2.00 mm	Fine: ±0.50 mm/Rough: ±2.00 mm
Operating temperature	-15 °C to +60°C	-15 °C to +60°C	-15 °C to +60°C
Protection class	IP66	IP54	IP54
Power supply	4 x 1.5 V (AA) batteries	1 x 9 V E-Block battery	1 x 9 V E-Block battery
Operating time (at 20 °C)	48 hrs	40 hrs	40 hrs
Application range (radius)	300 m	80 m	80 m
Weight	257 g (without batteries)	210 g (without batteries)	210 g (without batteries)

BA

	VP	PU	Item no.	EAN
BA		1	71116201	9002719030034



CC

	VP	PU	Item no.	EAN
CC		1	71110901	9002719022930



FL

	VP	PU	Item no.	EAN
FL		1	71132101	9002719009092



Technical details:	BA	CC	FL
Item description	Battery adapter	Car adapter	Flexi-rod
Dimensions	71 x 39 x 22 mm	-	-
Operating temperature	-10°C to +50 °C	-15 °C to +50 °C	-
Weight	-	-	890 g
Battery type	3 x 1.5 V (AA) batteries	-	-
Voltage	4.5 VDC	-	-
Performance	-	75 W	-
Input voltage	-	12 VDC	-
Output voltage	-	220 - 240 V AC ±10%	-
Frequency	-	50 Hz ± 3 Hz	-
Storage temperature	-20 °C to +60°C	-20 °C to +65 °C	-
Material	-	-	Aluminum
Surface	-	-	anodized
Color	-	-	silver/red
Special characteristic	-	-	Circular vial for positioning
Graduations	-	-	mm/cm, printed
Working range	-	-	32 - 240 cm
Transport length	-	-	132 cm



ML 5

	VP	PU	Item no.	EAN
ML 5		1	71130501	9002719013013



LB GREEN

	VP	PU	Item no.	EAN
LB GREEN		1	71124601	9002719019220

- Better laser line visibility in bright surroundings. No laser protection glasses



LB RED

	VP	PU	Item no.	EAN
LB RED		1	71124501	9002719009122

- Better laser line visibility in bright surroundings. No laser protection glasses

Technical details:	ML 5	LB GREEN	LB RED
Item description	Measuring rod	Laser visibility glasses	Laser visibility glasses
Material	Aluminum	Plastic	Plastic
Surface	anodized	-	-
Color	silver	green	red
Special characteristic	5 links	-	-
Dimensions	-	150 x 60 x 50 mm	150 x 60 x 50 mm
Graduations	cm/dm, printed	-	-
Weight	2200 g	-	-
Working range	0 - 500 cm	-	-
Transport length	122 cm	-	-

ZLM GREEN

	VP	PU	Item no.	EAN
ZLM GREEN	○	1	71126301	9002719019237



ZS RED

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



Technical details:

	ZLM GREEN	ZS RED
Item description	Target plate	Target plate
Material	Plastic	Plastic
Color	green, reflective	red, reflective
Special characteristic	magnetic	magnetic, with support and nail hole
Dimensions	100 x 70 x 19 mm	115 x 75 x 12 mm
Graduations	cm/inch, printed	cm/inch, printed





Laser distance meters

Measuring made easy.




For construction or renovation work; for indoor or outdoor jobs: SOLA laser distance meters are in demand everywhere. A push of a button is all it takes to set up various measuring functions. With intuitive operation, distances can be measured or checked, and areas or volumes calculated in a matter of seconds. To this end, precise measurements can be taken individually.



Precision at the touch of a button.

SOLA laser distance meters are the number one choice when it comes to accuracy. These devices have a measuring tolerance of max. ± 2.0 mm over a length of 10 m, under normal measuring conditions. Greater precision compared to that of a tape measure or pocket rule. Depending on the model, SOLA laser distance meters can reach a range of between 20 and 120 m.

Ready to meet all requirements.

	METRON 20	METRON 30 BT 	METRON 60 BT 	METRON 120 BTC 
Length measurement	■	■	■	■
Area measurement	■	■	■	■
Volume measurement	■	■	■	■
Continuous measurement	■	■	■	■
Min./max. measurement		■	■	■
Addition/subtraction			■	■
Indirect 2-point measurement		■	■	■
Indirect 3-point measurement (2)			■	■
Indirect 3-point measurement (1)				■
Indirect measurement via angle				■
Indirect distance measurement				■
Automatic distance measurement				■
Triangular area measurement				■
Circular area measurement				■
Cylinder volume measurement				■
Stake out function				■
2-point trapezoidal measurement				■
3-point trapezoidal measurement				■

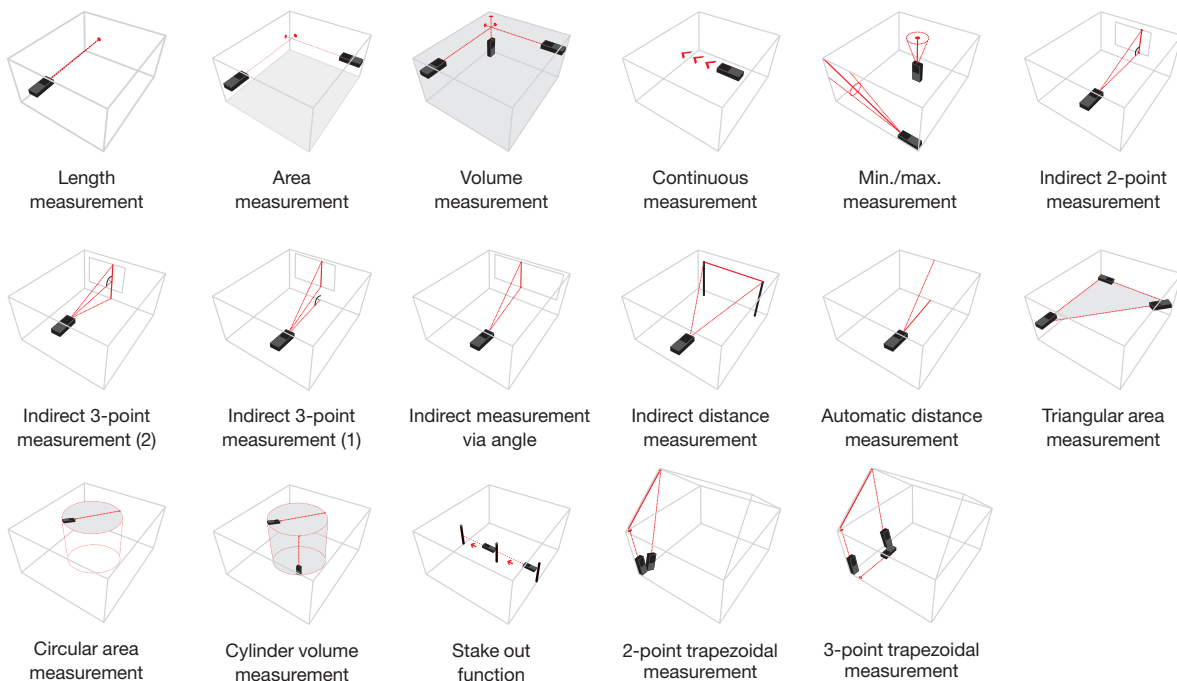












 For more information, visit the SOLA YouTube channel



Compatible with: Bluetooth and the SOLA Measures app.

Do you need to record and save measurements on-site, or to send measurement data to the team? Do you need to precisely determine dimensions from construction site photos or for construction plans? No problem! The integrated Bluetooth interface in the SOLA laser distance meter enables the wireless transmission of measured values from the SOLA METRON directly to your smartphone. The free SOLA Measures app is the perfect companion, and also offers a variety of practical additional functions.



			Usage area	Page
Laser distance meters				
METRON 120 BTC		 	0.05–120 m	91
METRON 60 BT		 	0.05 - 60 m	92
METRON 30 BT		 	0.05 - 30 m	93
METRON 20			0.05 - 20 m	94

METRON 120 BTC	VP	PU	Item no.	EAN
METRON 120 BTC		1	71029501	9002719045229

- Bluetooth interface for the SOLA Measures app
- Sharing function allows fast sending of measurement results
- Tilt sensor for leveling and angle measurement
- Protection class IP65
- 4-line backlit color display
- Camera function (2x and 4x zoom) for easier target alignment



Included accessories

- METRON hand strap
- METRON 120 belt case
- METRON 120 BTC charging/data cable
- 3 x 1.2 V Ni-Mh battery (3 x 850 mAh)



Technical details:

	METRON 120 BTC
Item description	Laser distance meter
Dimensions	130 x 54 x 28 mm
Measuring tolerance	±1.50 mm
Operating temperature	0 °C to +40 °C
Tripod adapter	1/4"
Protection class	IP65
Power supply	3 x 1.2 V Ni-Mh battery (3 x 850 mAh)
Operating time (at 20 °C)	5000 measurements
Laser class	2, DIN EN 60825-1 : 2007-10
Output power	< 1.0 mW
Wavelength	630 - 670 nm
Storage temperature	-20 °C to +60°C
Usage area	0.05–120 m



METRON 60 BT

	VP	PU	Item no.	EAN
METRON 60 BT		1	71027101	9002719041306

- Bluetooth interface for the SOLA Measures app
- Sharing function allows fast sending of measurement results
- Suitable for indoor and outdoor use
- 3-line backlit display
- Fold-out end piece for measuring from the outer edge



Included accessories

- METRON 60 BT belt case
- METRON 60 BT charging/data cable
- METRON hand strap
- 3.7 V Li-ion battery (850 mAh)

Technical details:

	METRON 60 BT
Item description	Laser distance meter
Dimensions	119 x 46 x 28 mm
Measuring tolerance	±1.50 mm
Operating temperature	0 °C to +40 °C
Tripod adapter	1/4"
Protection class	IP54
Power supply	3.7 V Li-ion battery (850 mAh)
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	-20 °C to +60°C
Usage area	0.05 - 60 m

METRON 30 BT

	VP	PU	Item no.	EAN
METRON 30 BT		1	71025101	9002719042785

- Bluetooth interface for the SOLA Measures app
- Sharing function allows fast sending of measurement results
- Soft grip and ergonomic design
- 3-line backlit display
- Compact, lightweight, handy



Included accessories

- METRON hand strap
- METRON 30 BT belt case
- 2 x 1.5 V (AAA) batteries



Technical details:

	METRON 30 BT
Item description	Laser distance meter
Dimensions	105 x 47 x 27 mm
Measuring tolerance	±2.00 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 : 2007-03
Output power	< 1.0 mW
Wavelength	630 - 670 nm
Storage temperature	-20 °C to +60°C
Usage area	0.05 - 30 m



METRON 20

	VP	PU	Item no.	EAN
METRON 20		1	71024501	9002719044901

- Easy to use
- Single-line illuminated display with large readout for quick reading
- Integrated horizontal vial for precise measurements
- Soft grip and ergonomic design
- Automatic switch-off
- Compact, lightweight, handy

Included accessories

- METRON hand strap
- METRON 20 belt case
- 2 x 1.5 V (AAA) batteries



Technical details:

	METRON 20
Item description	Laser distance meter
Dimensions	105 x 47 x 27 mm
Measuring tolerance	±2.00 mm
Operating temperature	0 °C to +40 °C
Protection class	IP42
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	-20 °C to +60°C
Usage area	0.05 - 20 m



Folding rules

You don't need to reinvent the wheel. You just need to be able to manufacture things well.

Whether made of selected wood or plastic, SOLA folding rules impress with their high elasticity and exceptional durability. They cannot leave the SOLA factory before they have undergone a meticulous check of every detail.

Our folding rules correspond to Accuracy Class III, as defined by EU directive 2014/32/EU. A distinction is made between the three EU Accuracy Classes with their maximum measuring tolerances.

Deviation ± mm above/below overall length

Length (m)	Category I	Category II	Category III
1	0.20	0.50	1.00
2	0.30	0.70	1.40
2.4	0.40	0.90	1.80



Plastic rules. Long-lasting length.

Depending on the application, it is sometimes important to protect your own tools from moisture and liquids. For example, for tiling, painting, or plastering, we offer SOLA plastic rules, which are made from polyamide and reinforced with 25% glass fiber. The elasticity of this mix of materials reduces the risk of breakage and ensures exceptional longevity.

Joints. Good for twisting and turning.







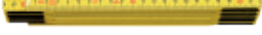






The joints of a folding rule are subjected to particular stress. That's why we only make them using high-quality, epoxy-coated Swedish steel, which is completely weatherproof and can easily pass durability tests with 15,000 movements. Each joint is lubricated in three different places, to ensure that it runs smoothly.



Wooden folding rules. Only the best, naturally.

Only two types of wood will do when manufacturing a SOLA wooden folding rule: Nordic glass birch, which grows very slowly in harsh climates, and therefore offers a highly elastic wood; or beech, with its hard and therefore highly abrasion-resistant wood.

To ensure a long lifespan, our wooden folding rules are coated twice on all sides, corners, edges and under the joints with water-soluble varnish, and cured with UV light at the end of production.

			Material	Page
Wooden folding rules				
H 2/10			Nordic birch	99
HC 2/10			Nordic birch	99
H 2.4/12			Nordic birch	99
H 1/6			Nordic birch	100
HW 2/10			Beech	100
HG 2/10			Beech	100
HF 2/10			Beech	101
HB 2/10			Beech	101
Plastic folding rules				
HK 2/10 W			Polyamide, fiberglass reinforced	102
HK 2/10 G			Polyamide, fiberglass reinforced	102
HKM 1/10 W			Polyamide, fiberglass reinforced	102

H 2/10

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

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



HC 2/10

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

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



H 2.4/12

	L [m]	VP	PU	Item no.	EAN
H 2.4/12	2.4		10	53010801	9002719035435

- Length 2.4 m particularly suitable for drywall and interior construction
- Nordic Birch ensures high degree of elasticity and break resistance
- Concealed joints for improved readability
- Highly abrasion-resistant, dirt-repellent, and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy-coated for optimal corrosion protection



Technical details:

	H 2/10	HC 2/10	H 2.4/12
Item description	Original folding rule	Original folding rule	Original folding rule
Material	Nordic birch	Nordic birch	Nordic birch
Surface	lacquered, natural	lacquered, natural	lacquered, natural
Graduations	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	12
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

III
mm



H 1/6

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

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

III
mm

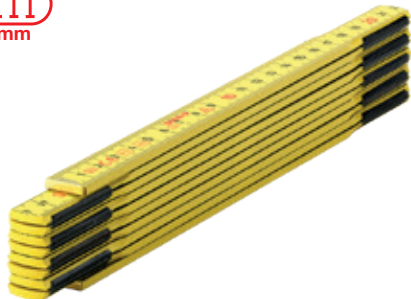


HW 2/10

	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 improved readability
- Highly abrasion-resistant, dirt-repellent, and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy-coated for optimal corrosion protection

III
mm



HG 2/10



	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 improved readability
- Highly abrasion-resistant, dirt-repellent, and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy-coated for optimal corrosion protection

Technical details:

	H 1/6	HW 2/10	HG 2/10
Item description	Original folding rule	Folding rule	Folding rule
Material	Nordic birch	Beech	Beech
Surface	lacquered, natural	lacquered, white	lacquered, yellow
Graduations	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	6	10	10
Section thickness	2.4 mm	3.2 mm	3.2 mm
EC accuracy class	III	III	III
Joints	Steel, epoxy-coated	Steel, epoxy-coated	Steel, epoxy-coated

HF 2/10

	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 improved readability
- Highly abrasion-resistant, dirt-repellent, and moisture-resistant protective coating
- Robust joints made of high-quality spring steel, epoxy-coated for optimal corrosion protection



HB 2/10

	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 graduations
- Highly abrasion-resistant, dirt-repellent, and moisture-resistant protective coating
- Hardened, wear-free spring steel joints for a long service life



Technical details:

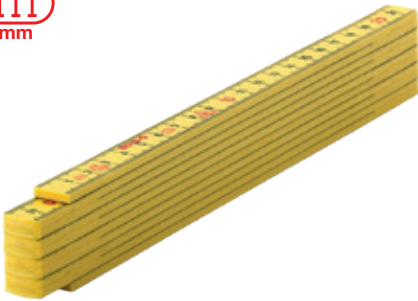
	HF 2/10	HB 2/10
Item description	Folding rule	Folding rule
Material	Beech	Beech
Surface	lacquered white/yellow	lacquered, white
Graduations	mm/cm, 2-piece, printed on both sides	mm/cm, 2-piece, printed on both sides
Number of sections	10	10
Section thickness	3.2 mm	3.2 mm
EC accuracy class	III	III
Joints	Steel, epoxy-coated	Spring steel, inside



HK 2/10 W

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

- Fiberglass reinforced plastic with high elasticity ensures a long service life
- Inboard joints for continuous graduations
- Cold and humidity resistant
- Electrically non-conductive



HK 2/10 G

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

- Fiberglass reinforced plastic with high elasticity ensures a long service life
- Inboard joints for continuous graduations
- Cold and humidity resistant
- Electrically non-conductive



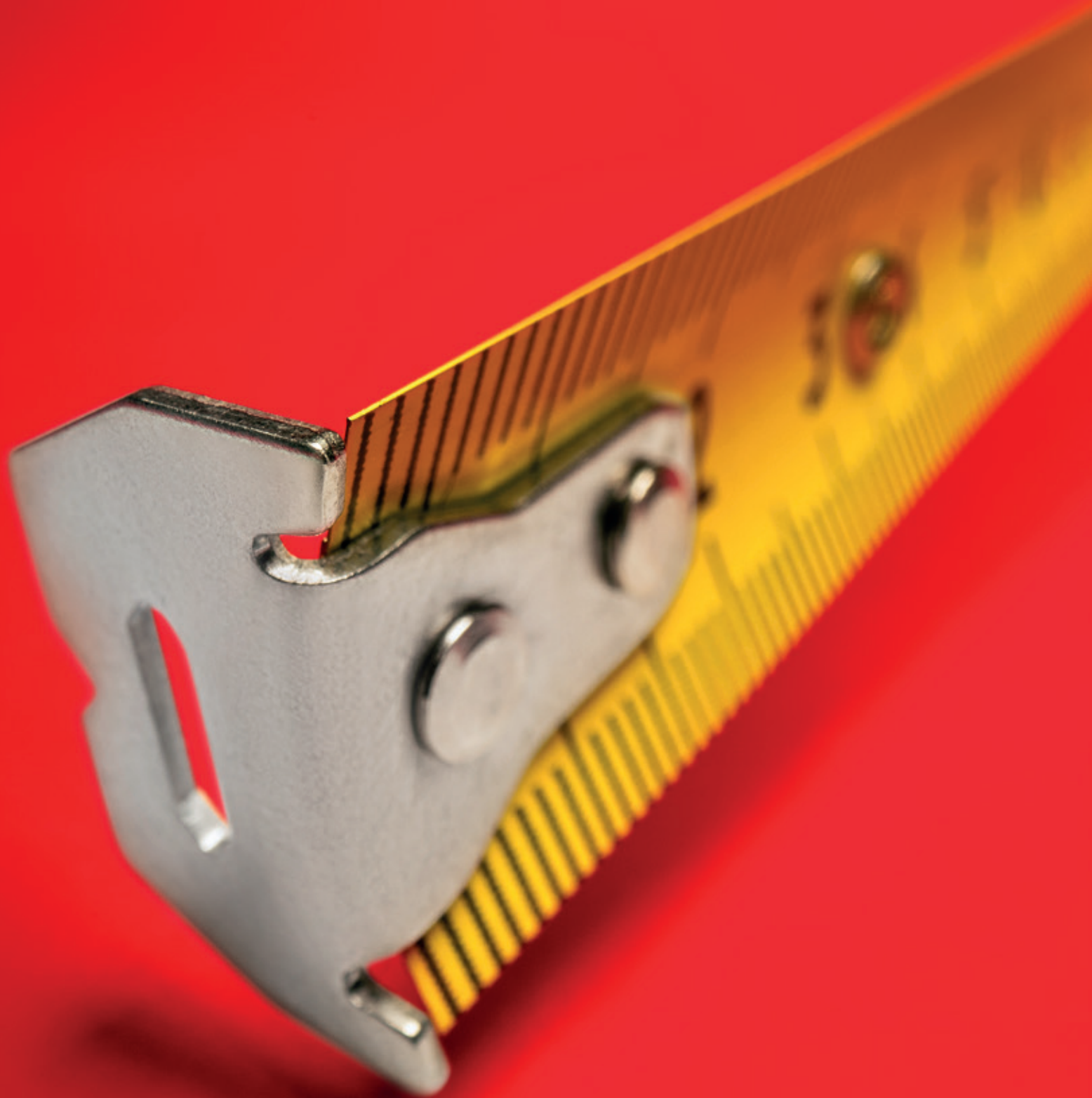
HKM 1/10 W

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

- Fiberglass reinforced plastic with high elasticity ensures a long service life
- Inboard joints for continuous graduations
- Cold and humidity resistant
- Electrically non-conductive

Technical details:

	HK 2/10 W	HK 2/10 G	HKM 1/10 W
Item description	Folding rule	Folding rule	Folding rule
Material	Polyamide, fiberglass reinforced	Polyamide, fiberglass reinforced	Polyamide, fiberglass reinforced
Surface	white	yellow	white
Graduations	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

A short tape with many strengths.

Short tapes have to withstand a lot. Lower-quality tapes show wear and tear, and sometimes even snap. SOLA does things differently: Our high-quality steel tapes have a high carbon content, which ensures extra stiffness and durability. All SOLA tape measures have a high level of rust protection and are matte-coated, meaning they do not shine or reflect light and are easy to read.

And because measuring is all about precision, every SOLA short tape measure corresponds to Accuracy Class I or II as defined by EU Directive 2014/32/EU.

Deviation \pm mm above/below overall length

Length (m)	Category I	Category II	Category III
2	0.30	0.70	1.40
3	0.40	0.90	1.80
5	0.60	1.30	2.60
8	0.90	1.90	3.80
10	1.10	2.30	4.60

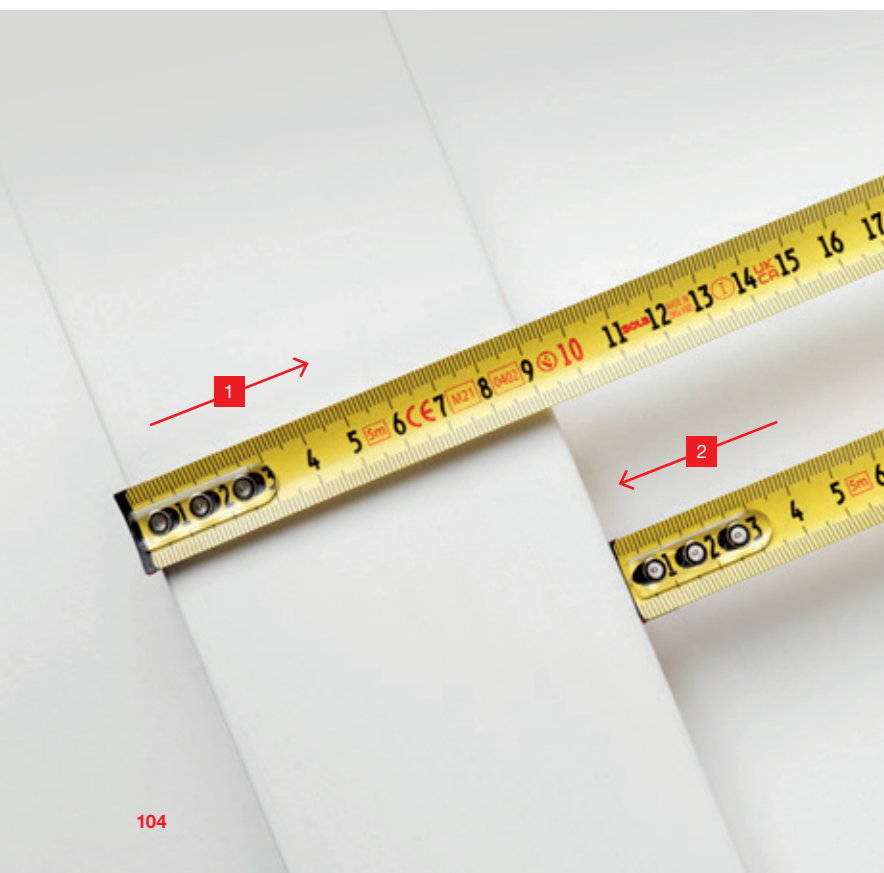


In conclusion: Reinforced end hook.

The sliding end hook also adds to the high accuracy of SOLA short tape measures. It must set the zero point for a tension measurement (1) and move towards the zero point for a stop measurement (2). The sliding area corresponds to the strength of the end hook.

Because the end hook is one of the most heavily loaded parts of a tape measure, we have reinforced this area in several ways: Both on the reinforcement pad, and on the rivets of the end hook.

Plus, the COMPACT M and PROTECT M models have magnetic end hooks, which make it easier to place them on metallic surfaces.





Shock absorber, return and tape stop: For frequent winding and unwinding.

The curvature of SOLA short tape measures is optimally adjusted, to achieve the highest possible extension stability (standout). Smooth running and the integrated shock absorber, which gently stops the tape when it returns to the end stop, ensure optimum handling. This also extends the lifespan of SOLA short tape measures. Thanks to the SOLA return system, the tape is unwound very smoothly, and easily retracts.

We have also paid special attention to the tape stop and the brake on all SOLA short tape measures. The BIG T, PRO-TM, TRI-MATIC and POPULAR models are equipped with a two-part tape stop. This means that the tape can always be fixed to the exact millimeter – for precise measurements.

CITO: Digital tape measure with Bluetooth.

The CITO tape measure can measure lengths of up to 5 m and shows the measured value on the display – either in mm or cm. The CITO has two measuring reference points on the front and rear edge for different measuring requirements. Thanks to Bluetooth, the CITO can be used in combination with the SOLA Measures app.



Transferring measured values to the SOLA Measures app.

The integrated Bluetooth interface enables fast and flawless transfer of measured values from the CITO to the SOLA Measures app on your smartphone at the touch of a button. The app can also be used to directly dimension photos and save, manage, and share measurement results.



For more information,
visit the SOLA
YouTube channel



Transferring measured values to PC: SOLA Data Connector.

Who doesn't know it? Transferring measured values to the computer by hand can be time-consuming and error-prone. But this tedious task is a thing of the past. With the SOLA Data Connector, we offer an innovative solution for transferring measured values digitally from the CITO digital tape measure to any desired program on the PC at the touch of a button.



For more information, visit the SOLA YouTube channel

Short tapes

CITO		 	109
BIG T			109
PRO-TM			109
TRI-MATIC			110
POPULAR			110
PROTECT M		 	110
UNI-MATIC			111
PRO-FLEX			111
COMPACT			111
COMPACT M		 	112
VIDEO-FLEX			112
TALMETER			112

CITO

	L [m]	B [mm]	VP	PU	Item no.	EAN
CITO	5	25		1	71510101	9002719042907



- Digital measurement display
- Bluetooth interface for the SOLA Measures app
- Digital function for inner and outer measurements
- Precise target display with additional stop function
- Soft grip and ergonomic design
- Automatic switch-off

Included accessories

- CITO belt case

BIG T

	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-piece 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
- Protective tape stop in 2-piece plastic casing
- Easier reading of the graduations thanks to a transparent end hook
- Improved handling thanks to a patented, removable belt clip

PRO-TM

	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-proof 2-piece plastic housing
- Exact 2-piece tape brake for precise inner measuring
- Shock absorber system for a gentle tape stop
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section
- Metal support for safe working at heights
- End hook with slot enables hanging on nails or screws

Technical details:	CITO	BIG T	PRO-TM
Item description	Digital short tape	Tape measure	Tape measure
Graduations	mm	mm	mm
Measuring tolerance	±1.00 mm	-	-
Operating temperature	-10°C to +50 °C	-	-
Protection class	IP54	-	-
Power supply	Li- polymer battery (700 mAh)	-	-
Operating time (at 20 °C)	8 hrs (continuous operation)	-	-
Storage temperature	-20 °C to +60°C	-	-
EC accuracy class	I	I	I
Tape material	Steel	Steel	Steel
Tape surface	Extruded nylon, yellow	matt lacquered, yellow	matt lacquered, yellow
End hook	Stainless steel, sliding	Plastic, 2-c, sliding	Stainless steel, sliding
Tape brake	Backstop	Brake, 2-piece	Brake, 2-piece
Rivets for end hooks	4	3	2
Retraction damping end hook	-	Shock absorber	Shock absorber
Reinforcement plate	-	Plastic	Stainless steel
Housing material	ABS/TPE	ABS/TPE	ABS/TPE
Housing color	red/black	red/black	red/black
Belt clip	-	Plastic, 2-piece	Stainless steel (8 m: plastic, 2-piece)
Replacement tape	-	upon request	-

Short tapes



I
mm

TRI-MATIC

	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 precision and protection against damage thanks to a reinforced initial tape section
- Robust steel belt clip for secure hold



II
mm

POPULAR

	L [m]	B [mm]	VP	PU	Item no.	EAN
PP 3	3	13	☐	6	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-proof 2-piece 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 precision and protection against damage thanks to a reinforced initial tape section
- Robust ABS belt clip for secure hold



II
mm

PROTECT M

	L [m]	B [mm]	VP	PU	Item no.	EAN
PE M 525	5	25	☐	6	50570601	9002719035664

- Break-proof 2-piece plastic housing
- Secure handling thanks to a non-slip surface and ergonomic design
- Precise tape brake for accurate internal measurements
- Handy, compact case design
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section
- Magnetic end hook

Technical details:

	TRI-MATIC	POPULAR	PROTECT M
Item description	Tape measure	Tape measure	Tape measure
Graduations	mm	mm	mm
EC accuracy class	I	II	II
Tape material	Steel	Steel	Steel
Tape surface	matt lacquered, yellow	matt lacquered, yellow	matt lacquered, yellow
End hook	Stainless steel, sliding	Steel-coated, sliding	Steel-coated, sliding
Tape brake	Brake, 2-piece	Brake, 2-piece	Brake, 1-piece
Rivets for end hooks	2	2	2
Retraction damping end hook	Shock absorber	Shock absorber	-
Reinforcement plate	Stainless steel	Stainless steel	Stainless steel
Housing material	ABS	ABS/TPE	ABS/TPE
Housing color	chrome-plated	red/black	red/black
Belt clip	Stainless steel	Plastic, removable	Stainless steel
Replacement tape	upon request	-	-

UNI-MATIC

	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 precision and protection against damage thanks to a reinforced initial tape section
- Robust steel belt clip for secure hold

PRO-FLEX

	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
- Precise tape brake for accurate internal measurements
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section
- Robust steel belt clip for secure hold

COMPACT

	L [m]	B [mm]	VP	PU	Item no.	EAN
CO 3	3	16		6	50500201	9002719026877
CO 5	5	19		6	50500501	9002719026907
CO 8	8	25		6	50500801	9002719026938
CO 3	3	16		48	50510201	9002719026952
CO 5	5	19		30	50510501	9002719026976
CO 8	8	25		12	50510801	9002719027003



- Impact-resistant ABS plastic housing
- Handy, compact case design
- Precise tape brake for accurate internal measurements
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section
- Robust steel belt clip for secure hold

Technical details:

	UNI-MATIC	PRO-FLEX	COMPACT
Item description	Tape measure	Tape measure	Tape measure
Graduations	mm	mm	mm
EC accuracy class	II	II	II
Tape material	Steel	Steel	Steel
Tape surface	matt lacquered, yellow	matt lacquered, yellow	matt lacquered, yellow
End hook	Stainless steel, sliding	Stainless steel, sliding	Steel-coated, sliding
Tape brake	Brake, 1-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
Housing material	ABS	ABS	ABS
Housing color	gray	red	red
Belt clip	Stainless steel	Stainless steel	Stainless steel
Replacement tape	upon request	-	-

Short tapes



COMPACT M

	L [m]	B [mm]	VP	PU	Item no.	EAN
COM 5	5	19	┐	6	50520501	9002719030829
COM 8	8	25	┐	6	50520801	9002719030843

- Magnetic end hook
- Handy, compact case design
- Precise tape brake for accurate internal measurements
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section
- Robust steel belt clip for secure hold



VIDEO-FLEX

	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 precision and protection against damage thanks to a reinforced initial tape section
- Robust steel belt clip for secure hold



TALMETER

	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:	COMPACT M	VIDEO-FLEX	TALMETER
Item description	Tape measure	Tape measure	Tape measure
Graduations	mm	mm	mm
EC accuracy class	II	II	II
Tape material	Steel	Steel	Steel
Tape surface	matt lacquered, yellow	matt lacquered, yellow	matt lacquered, white
End hook	Steel-coated, sliding	Stainless steel, sliding	Stainless steel, rigid
Tape brake	Brake, 1-piece	Backstop	Backstop
Rivets for end hooks	2	2	1
Retraction damping end hook	Shock absorber	-	-
Reinforcement plate	Stainless steel	-	-
Housing material	ABS	ABS	ABS
Housing color	chrome-plated	gray	black
Belt clip	Stainless steel	Stainless steel	-



Long tapes

Think bigger: SOLA long tape measures.

Flexibility often pays off. SOLA long tape measures are used by professionals in a number of ways – from measuring longer distances, to determining the need for skirting boards, and measuring across corners.

SOLA long tape measures are available in lengths from 10 to 100 m and, depending on the model, correspond to Accuracy Class I or II of EU Directive 2014/32/EU.

Deviation ± mm above/below overall length

Length (m)	Category I	Category II	Category III
10	1.10	2.30	4.60
20	2.10	4.30	8.60
30	3.10	6.30	12.60
50	5.10	10.30	20.60
100	10.10	20.30	40.60





Fiberglass tape measure.

SOLA fiberglass tape measures are made up of a large number of fibrils, which are embedded in a plastic coating to considerably reduce their elasticity. This not only makes the tape measures extremely tough and break-proof and prevents kinks, but also means that they are resistant to cold and moisture.



Steel band with matte coating.

SOLA steel tapes are made of high-quality steel with a high carbon content, which ensures rigidity and durability. A colored and then transparent coating is applied to each steel tape, guaranteeing the best possible protection against corrosion. All models are rust-free and anti-reflective for the best possible reading.



Steel band with special Tufcote coating.

With an additional layer of Tufcote coating, we combine the rigidity of a steel tape measure with the buckling resistance of fiberglass tape measure. Tufcote makes the tape extremely tough, break-proof, and resistant to chemicals and moisture. It is therefore perfect for practically any application.



Frames and housing: A well-thought-out exterior.

With a capsule tape measure, the tape is stored in an enclosed capsule made of impact-resistant ABS plastic, which offers the best possible protection against dirt and damage. SOLA capsule tape measures have been developed according to the latest ergonomic principles.

The SOLA frame tape measure is built into an open frame.

- **Y-frame:** High-quality, stable frame made of aluminum, and focused on longevity and robustness.
- **Simple frame:** Stable aluminum frame; light and handy in every situation.

Optional initial tape section: Where do you want it to start?




















Our long tape measures are manufactured as standard with an initial tape section on the fitting (B). Certain tape measures are available upon request with the option of an initial tape section 10 cm behind the ring/hook (A), or an initial tape section on the outside of the ring (C).



End hook with steel claw: Stay in place.

All SOLA long steel tape measures are equipped with a multi-functional end hook. This allows the tape measure to be securely attached to pipes, nails, or screws. The universal steel claw on the end hook facilitates tensile measurements.



			Tape material	Page
Steel tape measures				
SURVEYOR C			Steel	119
PROSPECTOR R			Steel	119
SPRINTER			Steel	119
EXPLORER			Steel	120
PROSPECTOR C			Steel	120
PACER R			Steel	120
PROSPECTOR R			Steel	121
TRACKER R			Steel	121
SATELLITE			Steel	121
TRACKER TRT			Stainless steel	122

Glass-fiber tape measures

RANGER			Fiberglass, yellow	123
PROSPECTOR F			Fiberglass, yellow	123
FUTURA			Fiberglass, yellow	123

Telescopic scale

TEL				124
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SURVEYOR C

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



PROSPECTOR R

	L [m]	B [mm]	VP	PU	Item no.	EAN
YR 30 Kl. I	30	13		1	50051730	9002719015635
YR 50 Kl. I	50	13		1	50051830	9002719015642

- Durable steel tape with an anti-rust phosphate coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Robust aluminum Y-frame
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section



SPRINTER

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

- Durable steel tape with an anti-rust phosphate coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- 3x faster tape retraction thanks to crank gear drive
- Retractable handle prevents injuries
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Break-proof 2-piece plastic housing
- Maximum protection against dirt and damage



Technical details:

	SURVEYOR C	PROSPECTOR R	SPRINTER
Item description	Measuring tape	Measuring tape	Measuring tape
Graduations	mm	mm	mm
EC accuracy class	I	I	I
Tape material	Steel	Steel	Steel
Tape surface	TUF COTE®, yellow	matt lacquered, white	matt lacquered, white
End hook	Multifunction	Multifunction	Multifunction
Rivets for end hooks	2	2	2
Reinforcement plate	Plastic	Plastic	Plastic
Housing material	ABS/TPE	Aluminum	ABS/TPE
Housing color	red/gray	silver	red/black
Replacement tape	upon request	upon request	upon request
Housing form	Y-frame	Y-frame	Capsule
Initial tape section	B	B	B
Crank gear ratio	1:1	1:1	3:1

Steel tape measures



I
mm

EXPLORER

	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 an anti-rust phosphate coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- Retractable handle prevents injuries
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Break-proof 2-piece plastic housing
- Maximum protection against dirt and damage



II
mm

PROSPECTOR C

	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 thanks to TUF COTE® coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- Moisture-resistant
- Very high chemical resistance
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Robust aluminum Y-frame
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section



II
mm

PACER R

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

- Durable steel tape with an anti-rust phosphate coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Shock-resistant ABS plastic frame
- Ergonomically shaped handle

Technical details:

	EXPLORER	PROSPECTOR C	PACER R
Item description	Measuring tape	Measuring tape	Measuring tape
Graduations	mm	mm	mm
EC accuracy class	I	II	II
Tape material	Steel	Steel	Steel
Tape surface	matt lacquered, white	TUF COTE®, yellow	matt lacquered, white
End hook	Multifunction	Multifunction	Multifunction
Rivets for end hooks	2	2	2
Reinforcement plate	Plastic	Plastic	Plastic
Housing material	ABS/TPE	Aluminum	ABS
Housing color	red/black	silver	gray
Replacement tape	upon request	upon request	upon request
Housing form	Capsule	Y-frame	V-frame
Initial tape section	B, A on request	B	B
Crank gear ratio	1:1	1:1	1:1

PROSPECTOR R

	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 an anti-rust phosphate coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Robust aluminum Y-frame
- Long-lasting precision and protection against damage thanks to a reinforced initial tape section


II
mm

TRACKER R

	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 an anti-rust phosphate coating
- Glare-free working and easy reading of measurements thanks to reflection-free coating
- Multifunction end-hook for secure attachment to pipes, nails, or screws
- Light and stable aluminum frame
- Ergonomically shaped handle


II
mm

SATELLITE

	L [m]	B [mm]	VP	PU	Item no.	EAN
ST 10	10	10		1	50055701	9002719002642
ST 20	20	10		1	50055901	9002719012115
ST 30	30	10		1	50056101	9002719012153

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


II
mm

Technical details:

	PROSPECTOR R	TRACKER R	SATELLITE
Item description	Measuring tape	Measuring tape	Measuring tape
Graduations	mm	mm	mm
EC accuracy class	II	II	II
Tape material	Steel	Steel	Steel
Tape surface	matt lacquered, white	matt lacquered, white	matt lacquered, white
End hook	Multifunction	Multifunction	Multifunction
Rivets for end hooks	2	2	2
Reinforcement plate	Plastic	Plastic	Plastic
Housing material	Aluminum	Aluminum	ABS
Housing color	silver	silver	gray
Replacement tape	upon request	upon request	upon request
Housing form	Y-frame	Simple frame	Capsule
Initial tape section	B	B	B
Crank gear ratio	1:1	1:1	1:1



TRACKER TRT

	L [m]	B [mm]	VP	PU	Item no.	EAN
TRT 10	10	13	☑	1	50052101	9002719034858
TRT 20	20	13	☑	1	50052201	9002719034865
TRT 30	30	13	☑	1	50052301	9002719034872
TRT 50	50	13	☑	1	50052501	9002719034889

- Moisture-resistant
- Very high chemical resistance
- Maximum protection against dirt and damage
- Light and stable aluminum frame
- Ergonomically shaped handle

Technical details:

	TRACKER TRT
Item description	Measuring tape
Graduations	mm
EC accuracy class	II
Tape material	Stainless steel
End hook	Corrosion-resistant plumb line
Rivets for end hooks	2
Reinforcement plate	Stainless steel
Housing material	Aluminum
Housing color	silver
Replacement tape	upon request
Housing form	Simple frame
Initial tape section	C
Crank gear ratio	1:1

RANGER

	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 fiberglass tape
- Cold and humidity resistant
- High chemical resistance
- Electrically non-conductive
- Low weight
- Shock-resistant ABS plastic frame
- Ergonomically shaped handle



PROSPECTOR F

	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 fiberglass tape
- Cold and humidity resistant
- High chemical resistance
- Electrically non-conductive
- Low weight
- Robust aluminum Y-frame
- Ergonomically shaped handle



FUTURA

	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 fiberglass 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:

	RANGER	PROSPECTOR F	FUTURA
Item description	Measuring tape	Measuring tape	Measuring tape
Graduations	mm	mm	mm
EC accuracy class	II	II	II
Tape material	Fiberglass, yellow	Fiberglass, yellow	Fiberglass, yellow
End hook	Plastic ring	Plastic ring	Plastic ring
Housing material	ABS	Aluminum	ABS
Housing color	gray	silver	gray
Replacement tape	upon request	upon request	upon request
Housing form	V-frame	Y-frame	Capsule
Initial tape section	B, A/C on request	B	B
Crank gear ratio	1:1	1:1	1:1

Telescopic scale



TEL

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

- Dust- and abrasion-resistant plastic guide
- Tape measure with specially dimensioned winding device
- Large plate as working surface and extension aid
- For TEL 800 S measurement display at eye level
- For TEL 800 S vertical and horizontal bubble for exact alignment

Technical details:

	TEL
Item description	Telescopic scale
Number of horizontal vials	1
Special characteristic	Analog display
Graduations	mm
Measuring tolerance	3 m, 4 m: 1.00 mm/m 5 m: 1.50 mm/m 8 m: 2.00 mm/m

Measuring wheels

For longer distances: SOLA measuring wheels.

The SOLA measuring wheel is the ideal tool for quick, easy, and precise measurement of both short and long distances.

Measuring wheels have a wide variety of potential applications. They are often used in road construction, gardening, and landscaping, and for measuring properties, sports pitches, or fields.

Using a measuring wheel has many advantages:

- It is very easy to operate a measuring wheel.
- Measuring wheels can be used entirely independently, without the help of another person.
- In contrast to a tape measure, which is limited to a certain length, a measuring wheel can measure long distances of several kilometers.
- Measurements can either be taken in one run, or interrupted if necessary.



MW 305 / MW 1000: Easily measure meters.

SOLA offers measuring wheel models in two sizes, for different applications. Both models feature a robust, five-digit analog counter (which also allows for easy reverse measurements), an adjustable telescopic rod, and a low measuring tolerance of just ± 3 mm/m.

The MW 305 is ideally suited for use on long and winding roads or on bumpy, asymmetrical ground. It impresses with its practical size, low weight and its maneuverable, abrasion-resistant precision measuring wheel, which is made of high-quality plastic.



The MW 1000 is suitable for long, straight stretches, and with its stable spoked wheel, it stays on-track with optimal running smoothness. In addition, the ergonomic pistol grip makes it easy to use and the folding stand on the side means that the wheel can be set down simply and practically.



Measuring wheels

MW 1000



129

MW 305



129

Measuring wheel accessories

BAG MW



130

MW 1000

	L	VP	PU	Item no.	EAN
MW 1000	0 - 9999.9 m		1	57080201	9002719038160

- High-quality rubber wheel
- Extra-strong pistol grip
- Robust metal telescope guide rod
- Fold-out side stands
- Safety reflector



MW 305

	L	VP	PU	Item no.	EAN
MW 305	0 - 9999.9 m		1	57080101	9002719038153

- Compact and space-saving
- High-quality rubber wheel
- Robust aluminum telescopic guide rod



Technical details:

	MW 1000	MW 305
Item description	Measuring wheel	Measuring wheel
Special characteristic	Wheel circumference 1000 mm	Wheel circumference 305 mm
Graduations	dm/m	dm/m
Measuring tolerance	±3.00 mm	±3.00 mm

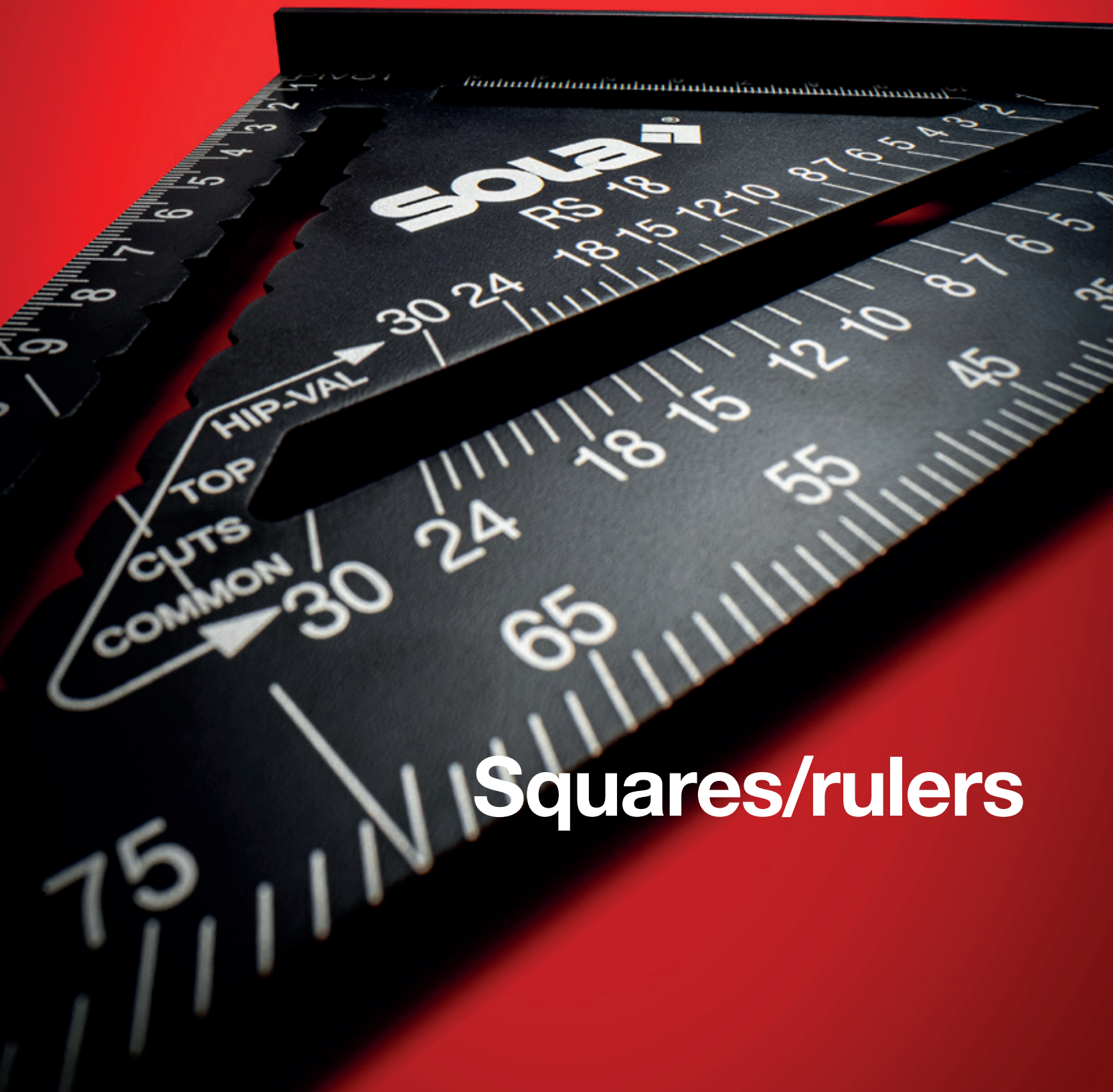


BAG MW

	L [cm]	VP	PU	Item no.	EAN
BAG MW 1000	70	<input checked="" type="checkbox"/>	1	R316159	9002719041603

Technical details:

	BAG MW
Item description	Protective case for measuring wheels
Material	Synthetic fiber
Color	black



Squares/rulers

A tool to last a lifetime.

Reliable measuring tools are vital wherever high accuracy is required. Joining and miter squares, adjustable squares, locksmith's and carpenter's squares, construction squares, rulers, and protractors – SOLA offers an extensive range of tools for trade professionals, for all applications and every kind of precision work. Manufactured with the greatest care and extremely robust, these tools will last a lifetime.



Anodized aluminum

Aluminum die cast

Handle material





Stainless steel



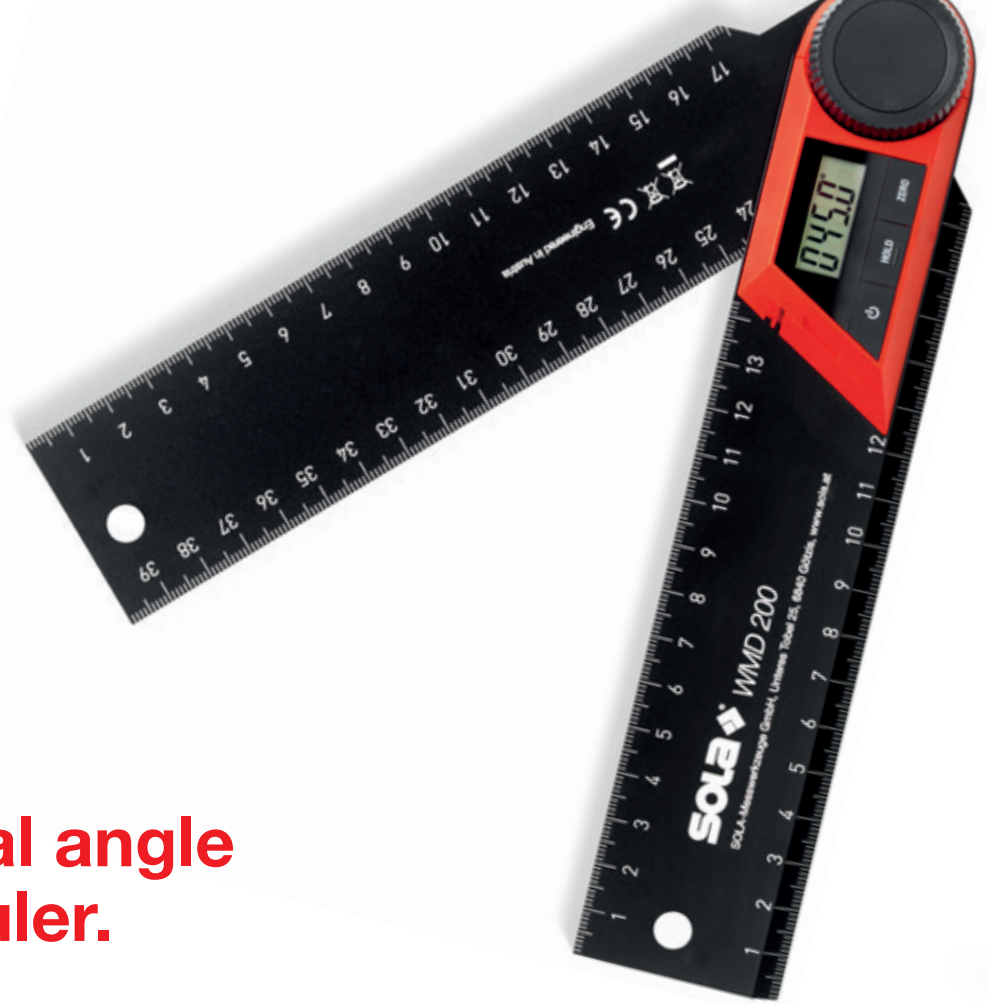
Coated

Blade material

Robust and accurate.

At SOLA, quality assurance begins even before the start of production, as we meticulously select all of our high-quality materials. In every work step during production, we pay close attention to what may also be important in daily use: Precision.

Blade, handle, and surfaces are coordinated, depending on the area of application. We manufacture blades using spring steel or stainless spring steel. The handles are made of aluminum or die-cast aluminum. The measuring surfaces are either polished, coated, chrome-plated or anodized. All angles are deburred. The lettering and scaling are etched, engraved, or printed.



2-in-1: Digital angle finder and ruler.

The WMD 200 or WMD 500 digital angle finder combines the functions of an adjustable square and ruler in the one electronic tool. The WMD allows you to measure, transfer and draw internal and external angles. The digital LCD display makes it much easier to read the measured value and guarantees precise results with a measuring tolerance of $\pm 0.3^\circ$.



 For more information, visit the SOLA YouTube channel





























For more information,
visit the SOLA
YouTube channel



Multi-talent for marking tasks.

The RS 18 and RS 30 rafter square with a durable end stop combines all the features of a ruler, try square, miter square, angle meter, and a rafter angle measurer, and can even be used as a marking tool and saw guide. It's ideal for marking and checking 45° and 90° angles, measuring angles between 0° and 90°, or for marking lines parallel or perpendicular to the end stop. The special scales enable you to join normal, hip, and valley rafters together.

		Angular dimension	Page
Joiner's square			
SRB		45°, 90°, 135°	138
SRC		45°, 90°, 135°	138
Miter squares			
GWB		45°, 135°	139
Adjustable square			
WMD		270°, variable 0° - 270°	140
VSTG		variable, 45°, 60°, 90°, 120°	140
GR		variable	140
VK		variable	141
QUATTRO		45°, 90°, 135°	141
Rafter square			
RS		45°, 90°, variable 0° - 90°	142
Carpenter's square			
ZWZ		90°	143
ZWZA		90°	143
ZWZB		90°	143
ZWCA		90°	144
AW		90°, variable 0° - 90°	144
Locksmith's square			
SW		90°	145
SWA		90°	145
FW		90°	145
Construction square			
BWS		-	146
BWW		-	146
Rulers			
LSB		-	147

		Angular dimension	Page
Rulers			
LSS		–	147
LAB		–	147
Protractor			
WIM		–	148
WITRON		–	148

Joiner's square



SRB

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

- Rugged aluminum handle with a wide working face
- Ultra-resistant, stainless spring steel blade
- Wear-resistant, easy-to-read scale
- Integrated miter working face 45°/135°



SRC

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

- Lightweight, rugged aluminum handle
- Highly abrasion-resistant, dirt-repellent coating
- Increased contrast enables outstanding measurement readability
- Integrated miter working face 45°/135°

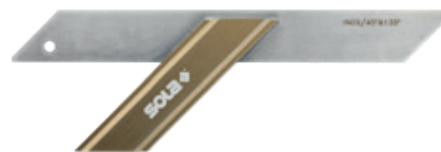
Technical details:

	SRB	SRC
Item description	Joiner's square	Joiner's square
Graduations	mm/cm, 2-piece, etched	mm/cm, 2-piece, printed
Blade material	Stainless spring steel	Spring steel
Blade surface	polished	coated
Blade color	blank	red
Handle material	Aluminum	Aluminum, die-cast
Handle surface	anodized	coated
Handle color	bronze	black
Scale grid	1 mm	1 mm
Angular dimension	45°, 90°, 135°	45°, 90°, 135°

GWB

	L	VP	PU	Item no.	EAN
GWB 300	300 x 110 mm	○	6	56031101	9002719021223

- Rugged aluminum handle with a wide working face
- Ultra-resistant, stainless spring steel blade
- Precise 45° and 135° miter angles



Technical details:

GWB

Item description	Miter squares
Blade material	Stainless spring steel
Blade surface	polished
Blade color	blank
Handle material	Aluminum
Handle surface	anodized
Handle color	bronze
Angular dimension	45°, 135°

Adjustable square



WMD

	L	VP	PU	Item no.	EAN
WMD 200	200 mm		4	56052301	9002719044307
WMD 500	500 mm		4	56052401	9002719044321

- High contrast LCD display for accurate digital angle measurements
- HOLD function for storing measured values and ZERO function for incremental measurements
- Manual blade fixation for precise transfer of angles
- Integrated end stop for accurate and reliable measurements
- Applicable as a ruler with continuous mm/cm scale across both blades
- Robust, rigid blades with reinforcing ribs



VSTG

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

- Rugged aluminum handle with a wide working face
- Robust spring-steel blade
- Variably adjustable, fixable angular dimensions
- Scale for the readout and transfer of the set angles



GR

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

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

Technical details:

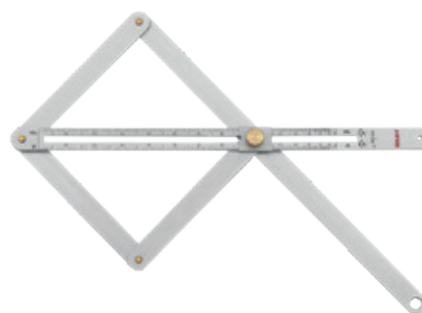
	WMD	VSTG	GR
Item description	Electronic protractor	Folding square	Graduator
Graduations	mm/cm, 2-piece, lasered	Degree, 2-piece, engraved	0 - 180°, etched
Measuring tolerance	0.30°	-	-
Blade material	Aluminum	Stainless spring steel	Steel
Blade surface	anodized	polished	chrome-plated
Blade color	black	-	chrome
Handle material	-	Aluminum	Steel
Handle surface	-	anodized	chrome-plated
Handle color	-	bronze	chrome
Scale grid	1 mm	-	1°
Angular dimension	270°, variable 0° - 270°	variable, 45°, 60°, 90°, 120°	variable
Reading option	0.10°	-	-

Adjustable square

VK

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

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



QUATTRO

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

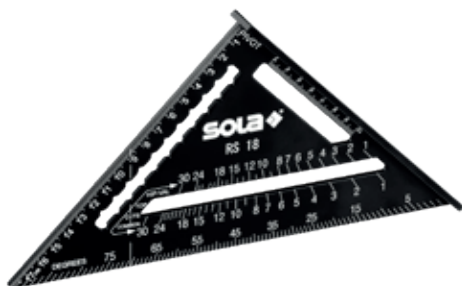
- Lightweight, rugged aluminum handle
- Ultra-resistant, stainless spring steel blade
- Three lockable angle positions: 45°, 90°, 135°



Technical details:

	VK	QUATTRO
Item description	Combination square	Adjustable square
Graduations	0 - 180°, 2-piece, printed	mm/cm, 2-piece, etched
Blade material	Aluminum	Stainless spring steel
Blade surface	anodized	polished
Blade color	silver	-
Handle material	-	Aluminum
Handle surface	-	anodized
Handle color	-	silver
Scale grid	-	1 mm
Angular dimension	variable	45°, 90°, 135°

Rafter square



RS

	L	VP	PU	Item no.	EAN
RS 18	185 x 185 mm	○	1	56160101	9002719043560
RS 30	305 x 305 mm	○	1	56160201	9002719043577

- Lighter, more rugged multifunction square with mm/cm scale
- Multifunction: ruler, try square, miter square, angle meter, marking aid, saw guide, and rafter angle measurer
- End stop for precise marking of 90 and 45 degrees
- Rapid marking of miter cuts on ordinary rafters and hip rafters
- Marking aid for convenient measurement transfer
- Increased contrast enables outstanding measurement readability

Technical details:

	RS
Item description	Rafter square
Material	Aluminum
Surface	coated
Color	black
Special characteristic	Working face, rafter angle measurer
Graduations	mm/cm, 1-piece, lasered
Scale grid	1 mm
Angular dimension	45°, 90°, variable 0° - 90°
Marking holes	0.5 cm

ZWZ

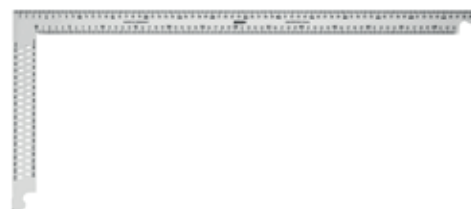
	L	VP	PU	Item no.	EAN
ZWZ 500	500 x 280 mm	○	1	56130201	9002719020905
ZWZ 600	600 x 280 mm	○	1	56130301	9002719008309
ZWZ 700	700 x 300 mm	○	1	56130401	9002719008316
ZWZ 800	800 x 320 mm	○	1	56130501	9002719008323
ZWZ 1000	1000 x 380 mm	○	1	56130601	9002719020912



- Highly elastic and break-resistant
- High corrosion resistance thanks to zinc-plated surface

ZWZA

	L	VP	PU	Item no.	EAN
ZWZA 500	500 x 280 mm	○	1	56131201	9002719020929
ZWZA 600	600 x 280 mm	○	1	56131301	9002719008330
ZWZA 700	700 x 300 mm	○	1	56131401	9002719008347
ZWZA 800	800 x 320 mm	○	1	56131501	9002719008354
ZWZA 1000	1000 x 380 mm	○	1	56131601	9002719020936



- Highly elastic and break-resistant
- High corrosion resistance thanks to zinc-plated surface
- Marking holes for convenient measurement transfer

ZWZB

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



- Highly elastic and break-resistant
- High corrosion resistance thanks to zinc-plated surface
- Marking holes for convenient measurement transfer
- Extra-wide legs for 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
Color	galvanized	galvanized	galvanized
Graduations	-	mm/cm, 2-piece, printed	-
Scale grid	-	1 mm	-
Angular dimension	90°	90°	90°
Width	35 mm	35 mm	40 mm, 50 mm
Thickness	1.5 mm	1.5 mm	1.5 mm
Marking holes	-	0.5 cm, 2 - 21.5 cm	0.5 cm, 2 - 21.5 cm



ZWCA

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

- Highly elastic and break-resistant
- Highly abrasion-resistant, dirt-repellent coating
- Marking holes for convenient measurement transfer
- Increased contrast enables outstanding measurement readability



AW

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

- Highly elastic and break-resistant
- Stainless steel, particularly resistant
- Marking holes for convenient measurement transfer
- Increased contrast enables outstanding measurement readability
- Flexible angle adjustment with precise fixation

Technical details:

	ZWCA	AW
Item description	Carpenter's square	Alpha square
Material	Steel	Stainless steel
Surface	coated	polished
Color	red	-
Graduations	mm/cm, 2-piece, printed	mm/cm, 2-piece, printed on both sides
Scale grid	1 mm	1 mm
Angular dimension	90°	90°, variable 0° - 90°
Width	35 mm	35 mm
Thickness	1.5 mm	1.5 mm
Marking holes	0.5 cm, 2 - 21.5 cm	0.5 cm, 2 - 21.5 cm

SW

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



- Extremely rugged steel brackets
- High corrosion resistance thanks to zinc-plated surface
- Precision-crafted measuring surfaces

SWA

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



- Extremely rugged steel bracket with a wide working face
- High corrosion resistance thanks to zinc-plated surface
- Precision-crafted measuring surfaces

FW

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



- Extremely rugged steel brackets
- High corrosion resistance thanks to 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
Color	galvanized	galvanized	galvanized
Special characteristic	-	Working face	-
Angular dimension	90°	90°	90°
Width	20 mm, 25 mm, 30 mm	20 mm, 25 mm, 30 mm	25 mm, 30 mm
Thickness	0.2 in. (5 mm)	0.2 in. (5 mm)	0.2 in. (5 mm)

Construction square



BWS

	L	VP	PU	Item no.	EAN
BWS	100 x 150 cm	○	1	03493101	9002719009962

- Extremely rugged profile made of high-strength aluminum alloy for a long service-life
- Shock-absorbing end caps



BWW

	L	VP	PU	Item no.	EAN
BWW	100 x 150 cm	○	1	03492201	9002719009948

- High-strength aluminum profile for professional builders
- Shock-absorbing end caps

Technical details:

	BWS	BWW
Item description	Construction square	Construction square
Material	Aluminum	Aluminum
Surface	anodized	anodized
Color	silver	silver
Special characteristic	Reinforcement brace	Reinforcement brace

LSB

	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

	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

LAB

	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 recessed handle
- Increased contrast enables outstanding measurement readability
- Robust aluminum profile

Technical details:

	LSB	LSS	LAB
Item description	Steel ruler	Steel ruler	Drawing scale
Material	Stainless spring steel	Stainless spring steel	Aluminum
Surface	polished	polished	anodized
Color	-	-	silver
Special characteristic	-	-	Recessed handle
Graduations	mm/cm, 2-piece, etched on both sides	mm/cm, 2-piece, etched on both sides	mm/cm, 1-piece, printed
Scale grid	0.5 mm	0.5 mm	1 mm
Width	30 mm	13 mm	50 mm
Thickness	0.04 in. (1 mm)	0.5 mm	0.2 in. (5 mm)

Protractor



WIM

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

- Reading window for analogue measurements
- Fast and accurate determination of degrees - even in difficult places
- Clamping screw for fixing the angle setting
- Compass point can be replaced by pencil



WITRON

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

- Reading window for digital measurements
- 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
- Backlit display

Included accessories

- 4 x 1.5 V (AA) batteries

Technical details:

	WIM	WITRON
Item description	Protractor	Electronic protractor
Material	Aluminum box profile	Aluminum box profile
Surface	plastic coated	plastic coated
Color	red	red
Number of horizontal vials	1	1
Number of vertical vials	1	1
Graduations	1 scale division = 1°	digital
Measuring tolerance	0.25°	0.10°
Power supply	-	4 x 1.5 V (AA) batteries
Measuring range	180°	355°
Reading option	0.50°	0.05°



Chalk line reels

Fundamentally better.

SOLA chalk line reels are perfect for marking clearly visible straight lines when working either outdoors or indoors. All models have a strong 30 m cord, and a robust housing made of die-cast magnesium or high-quality plastic.



Easy handling for precise marking.

The high-quality cord can be pulled out quickly with the convenient line extension (free-wheel function). The practical end hook ensures that the cord is securely fixed during operation. The housing of the SOLA chalk line reel has sufficient space for a generous quantity of chalk powder, so that you can mark surfaces not only perfectly, but also more frequently.

The CLP and CLKS models also impress with the high gear ratio of their crank mechanisms, which enables the cord to be rewound particularly quickly.



This is not “just a cord”.

Not every cord is suitable for use as a chalk line – high tensile strength and good adhesion of the colored powder are the most important qualities. SOLA cords are made from braided polyester multifilament, which enables long and intensive use and precise, even, and clearly visible markings, even over long distances.



Adhesive strength

■ ■ ■ Excellent ■ ■ Very good ■ Good



- CPBL black chalk powder** ■ ■ ■
 Good adhesion characteristics, resistant to rain and wind, clearly visible on light surfaces, hard to remove.
- CPB blue chalk powder** ■
 Clearly visible on light surfaces, easy to wipe off.
- CPR red chalk powder** ■ ■ ■
 Easily visible on light surfaces, good adhesive properties, resistant to rain and wind, difficult to remove.
- CPO orange chalk powder** ■ ■
 Easily visible on all surfaces, resistant to rain and wind, easy to wipe off.
- CPW white chalk powder** ■
 Clearly visible on dark surfaces, easy to wipe off.
- CPG green chalk powder** ■ ■
 Clearly visible on dark surfaces; finely ground for high color application; resistant to rain and wind.

SOLA chalk powder: Make your mark.

When it comes to the visibility of markings, that depends on the composition of the chalk powder. With a particularly high density of color pigments, SOLA chalk powder makes its mark – in every application situation and in all weather conditions.

		Color	Vol [g]	Page
Chalk line reels				
CLP		–	–	153
CLP SET		blue / red	–	153
CLM		–	–	153
CLM SET		blue / red	–	154
CLKS		–	–	154
CLKS SET		blue / red	–	154
CLG		–	–	155
CLG SET		blue / red	–	155

Chalk powder

CPG		green	230	156
CPR		red	1400 / 230	156
CPB		blue	1400 / 230	156
CPW		white	1400 / 230	157
CPO		orange	1400 / 230	157
CPBL		black	1400 / 230	157

CLP

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

- Ultra-lightweight and break-resistant magnesium housing
- Convenient line extension: freewheel function by pressing the crank axle
- 5x faster line retraction thanks to crank gear drive
- High capacity for color powder
- Hardened end hook
- Integrated storage location for hooks


CLP SET

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

- Ultra-lightweight and break-resistant magnesium housing
- Convenient line extension: freewheel function by pressing the crank axle
- 5x faster line retraction thanks to crank gear drive
- High capacity for color powder
- Hardened end hook
- Integrated storage location for hooks


CLM

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

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


Technical details:

	CLP	CLP SET	CLM
Item description	Chalk line reel	Marking set	Chalk line reel
Material	Magnesium, die-cast	Magnesium, die-cast	Magnesium, die-cast
Surface	coated	coated	coated
Housing color	red/black	red/black	red
Belt clip	Stainless steel	Stainless steel	Stainless steel
Crank gear ratio	5:1	5:1	1:1
Cord material	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	CLP + KPB, CLP + KPR	CLM

Chalk line reels



CLM SET

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

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



CLKS

	L [m]	VP	PU	Item no.	EAN
CLKS	30	☐	1	66114101	9002719041412

- 6x faster line retraction thanks to crank gear drive
- Lightweight and robust plastic housing with rubber cover for ergonomic handling
- Viewing window to make it quicker to see the amount of chalk left in the device
- Handle made from hardened steel
- Integrated storage location for hooks
- Convenient line extension: freewheel function by pressing the crank axle



CLKS SET

	L [m]	Color	VP	PU	Item no.	EAN
CLKS SET R	30	red	☐	1	66114142	9002719041429
CLKS SET B	30	blue	☐	1	66114143	9002719041436

- 6x faster line retraction thanks to crank gear drive
- Lightweight and robust plastic housing with rubber cover for ergonomic handling
- Viewing window to make it quicker to see the amount of chalk left in the device
- Handle made from hardened steel
- Integrated storage location for hooks
- Convenient line extension: freewheel function by pressing the crank axle

Technical details:

	CLM SET	CLKS	CLKS SET
Item description	Marking set	Chalk line reel	Marking set
Material	Magnesium, die-cast	ABS/TPR	ABS/TPR
Surface	coated	-	-
Housing color	red	red	red
Belt clip	Stainless steel	-	-
Crank gear ratio	1:1	6:1	6:1
Cord material	Polyester multifilament	Polyester multifilament	Polyester multifilament
Cord length	30 m	30 m	30 m
Max. tensile strength (ISO 2062)	234 N (±3 %)	196 N (±3 %)	196 N (±3 %)
Contents	CLM + KPB, CLM + KPR	CLKS	CLKS + CPR 230, CLKS + CPB 230

CLG

	L [m]	VP	PU	Item no.	EAN
CLG 30	30		1	66111101	9002719037224

- Large, sturdy plastic casing
- Cord has extremely high tensile strength
- Cord thickness > 2 mm for clear and durable marking
- Extremely high capacity for colored powders prevents multiple refilling
- Large filling port for mess-free filling



CLG SET

	L [m]	Color	VP	PU	Item no.	EAN
CLG 30 SET R	30	red		1	66111142	9002719037248
CLG 30 SET B	30	blue		1	66111143	9002719037484

- Large, sturdy plastic casing
- Cord has extremely high tensile strength
- Cord thickness > 2 mm for clear and durable marking
- Extremely high capacity for colored powders prevents multiple refilling
- Large filling port for mess-free filling



Technical details:

	CLG	CLG SET
Item description	Chalk line reel	Marking set
Material	High-quality plastic	High-quality plastic
Housing color	red	red
Crank gear ratio	1:1	1:1
Cord material	Polyester multifilament	Polyester multifilament
Cord length	30 m	30 m
Max. tensile strength (ISO 2062)	600 N (±3 %)	600N (±3 %)
Contents	CLG	CLG + CPB, CLG + CPR

Chalk powder



CPG	Vol [g]	Color	VP	PU	Item no.	EAN
CPG 230	230	green		1	66153101	9002719041504

- Clearly visible on dark surfaces
- Finely ground colorant provides high visibility
- Resistant to rain and wind



CPR	Vol [g]	Color	VP	PU	Item no.	EAN
CPR 230	230	red		1	66152101	9002719037460
CPR 1400	1400	red		1	66152201	9002719037446

- Easy to see on all surfaces
- Finely ground colorant provides high visibility
- Resistant to rain and wind
- Good adhesion characteristics
- Hard to remove



CPB	Vol [g]	Color	VP	PU	Item no.	EAN
CPB 230	230	blue		1	66152301	9002719037422
CPB 1400	1400	blue		1	66152401	9002719037408

- Clearly visible on light surfaces
- Finely ground colorant provides high visibility
- Easy to wipe off

Technical details:	CPG	CPR	CPB
Item description	Chalk powder	Chalk powder	Chalk powder
Material	Chalk powder with color pigments	Chalk powder with color pigments	Chalk powder with color pigments
Color	green	red	blue

Chalk powder

CPW	Vol [g]	Color	VP	PU	Item no.	EAN
CPW 230	230	white		1	66152501	9002719037385
CPW 1400	1400	white		1	66152601	9002719037361

- Clearly visible on dark surfaces
- Finely ground colorant provides high visibility
- Easy to wipe off



CPO	Vol [g]	Color	VP	PU	Item no.	EAN
CPO 230	230	orange		1	66152701	9002719037286
CPO 1400	1400	orange		1	66152801	9002719037309

- Easy to see on all surfaces
- Finely ground colorant provides high visibility
- Resistant to rain and wind



CPBL	Vol [g]	Color	VP	PU	Item no.	EAN
CPBL 230	230	black		1	66152901	9002719037323
CPBL 1400	1400	black		1	66153001	9002719037347

- Good adhesion characteristics
- Finely ground colorant provides high visibility
- Resistant to rain and wind
- Clearly visible on light surfaces
- Hard to remove



Technical details:	CPW	CPO	CPBL
Item description	Chalk powder	Chalk powder	Chalk powder
Material	Chalk powder with color pigments	Chalk powder with color pigments	Chalk powder with color pigments
Color	white	orange	black





Pencils/markers



This is not “just a pencil”. But a really good pencil.

On tile/ceramic, metal, stone, or even wet wood – SOLA pencils write reliably. This is mainly due to the specific composition of materials in the lead, such as clay, graphite, and wax.

All SOLA pencils are made of high-quality lime wood, which makes the pencils very robust, however, sharpening with a cutter or sharpener is still easy. The pencils are finished by applying three-fold high-quality lacquers. They are also environmentally friendly and free from toxic heavy metals.

Pencil types and applications

■ ■ ■ ■ Excellent ■ ■ Very good ■ Good

Category	STB	ZB	KB	UB	SB	RBB
Description	Stone carver's pencil	Carpenter's pencil	Copier's pencil	Universal pencil	Signal pencil	Red-blue pencil
Lead	Graphite hardness: 10H	Graphite hardness: HB	2/3 graphite and 1/3 copying lead	Graphite with wax composite	Color with wax composite	Color with wax composite
Wet wood		■	■ ■ ■ ■	■	■	■
Dry wood	■	■ ■ ■ ■	■ ■	■ ■	■ ■	■ ■
Stone	■ ■ ■ ■	■ ■	■	■ ■	■	■ ■
Metal	■	■	■ ■	■ ■	■ ■ ■ ■	■ ■
Tile/ceramic				■ ■ ■ ■	■ ■ ■ ■	
Glass			■	■ ■	■ ■ ■ ■	■
Concrete	■ ■ ■ ■	■ ■	■	■ ■	■	■ ■
Brick	■ ■ ■ ■	■ ■	■	■ ■	■	■
Rubber	■	■		■ ■	■ ■ ■ ■	■
Plastic		■	■	■ ■ ■ ■	■ ■	■
Paper/cardboard	■	■ ■ ■ ■	■ ■	■	■	■ ■
Dark surfaces					■ ■ ■ ■	





Permanent marker: What you write stays put.

Waterproof, quick-drying and also light-resistant – the PMB (black) or PMR (red) permanent markers write and draw reliably on almost all materials. Ideal for all trades and purposes.



PM DUO: 2-in-1 pen for precise marking.

The PM DUO has a narrow, 25 mm long stainless steel tip at one end for drill hole markings and a pressure-resistant round tip with a fine line width of 1.5 to 3 mm at the other end for versatile markings and lettering.



CPM: Precision with every mark.

The CPM mechanical construction pencil with reliable automatic pressure and wide lead, with a rectangular cross-section, enables extremely accurate markings on various surfaces. The leads are available in different hardness grades and can be easily swapped out and refilled. The robust plastic housing in a practical length was specially developed for use on construction sites.



CPM leads ■■■ Excellent ■■ Very good ■ Good

Lead	Graphic lead HB	Graphic lead 10H
Wet wood	■	
Dry wood	■■■	■
Stone	■■	■■■
Metal	■	■
Tile/ceramic		
Glass		
Concrete	■■	■■■
Brick	■■	■■■
Rubber	■	■
Plastic	■	
Paper/cardboard	■■■	■
Dark surfaces		





Deep hole marker TLM2: Even at a distance.


















One pen, two functions: With the removable ABS attachment on, it is easy to write or draw with. Without the attachment, the TLM2 is a useful, precise deep drill hole marker, for depths of up to 45 mm or in hard-to-reach places. The TLM2 is equipped with a graphite HB lead as standard, but colored universal HB lead wax leads are also available.

TLM2 leads






■■■■ Excellent ■■■ Very good ■ Good

Lead	Graphite lead HB	Universal lead RED	Universal lead YELLOW	Universal lead GRAY
Wet wood	■	■■	■■	■■
Dry wood	■■■	■■	■■	■■
Stone	■■	■■	■■	■■
Metal	■	■■■	■■■	■■■
Tile/ceramic		■■■	■■■	■■■
Glass		■■■	■■■	■■
Concrete	■■	■■	■■	■■
Brick	■■	■■	■■	■■
Rubber	■	■■	■■	■
Plastic	■	■■	■■	■
Paper/cardboard	■■■	■■	■■	■■
Dark surfaces		■■	■■	








			Lead	Page
Pencils				
CPM SET			Graphite, hardness HB	165
CPM			Graphite, hardness HB	165
SG CPM HB			Graphite, hardness HB	165
SG CPM 10H			Graphite, hardness 10 H	166
ZB			Graphite, hardness HB	166
STB			Graphite, hardness 10 H	166
KB			2/3 graphite and 1/3 copying lead	167
UB			Graphite/wax composite	167
SB			Color/wax composite	167
RBB			Color/wax composite	168
BSP			-	168

Deep hole marker

TLM2 SET			Graphite, hardness HB	169
TLM2			Graphite, hardness HB	169
SG TLM2 HB			Graphite, hardness HB	169
SG TLM2			Graphite/wax composite	170
SC TLM2			Color/wax composite	170
DHM			0.5 - 1.5 mm	170

Permanent marker

PM DUO			0.5 - 1.5 mm + 1.5 - 3.0 mm	171
PMB			1.5 - 3.0 mm	171
PMR			1.5 - 3.0 mm	171
PMBR SET			1.5 - 3.0 mm	172
IMW			4.0 mm	172

CPM SET

	L [cm]	L [in]	VP	PU	Item no.	EAN
CPM SET	15.5	6.1		1	66026142	9002719044253

- Refills with rectangular shaped profile for extra precise markings
- Sturdy, reliable push mechanism
- Unscrewable push button for easy and quick refill
- Durable ABS plastic housing of handy length
- Waterproof, durable and environmentally friendly by avoiding wood



CPM

	L [cm]	L [in]	VP	PU	Item no.	EAN
CPM	15.5	6.1		10	66026120	9002719044239

- Refills with rectangular shaped profile for extra precise markings
- Sturdy, reliable push mechanism
- Unscrewable push button for easy and quick refill
- Durable ABS plastic housing of handy length
- Waterproof, durable and environmentally friendly by avoiding wood



SG CPM HB

	L [cm]	L [in]	VP	PU	Item no.	EAN
SG CPM HB	12	4.75		1	66027120	9002719044260

- Refills with rectangular shaped profile for extra precise markings
- Especially suitable for dry wood, paper, cardboard



Technical details:

	CPM SET	CPM	SG CPM HB
Item description	Construction pencil set	Construction pencil	CPM refill, graphite lead HB
Material	High-quality plastic	High-quality plastic	-
Operating temperature	-10°C to +40 °C	-10°C to +40 °C	-10°C to +40 °C
Contents	20xCPM + 10x6 SG CPM HB + 10x6 SG CPM 10H	10 x CPM	10 x 6 SG CPM HB
Lead	Graphite, hardness HB	Graphite, hardness HB	Graphite, hardness HB



SG CPM 10H

	L [cm]	L [in]	VP	PU	Item no.	EAN
SG CPM 10H	12	4.75		1	66028120	9002719044284

- Refills with rectangular shaped profile for extra precise markings
- Especially suitable for brick, stone, concrete



ZB

	L [cm]	L [in]	VP	PU	Item no.	EAN
ZB 18	17.5	6.9		100	66010120	9002719011194
ZB 24	24	9.5		100	66010520	9002719015079
ZB 24 SB (10 x ZB24)	24	9.5		1	66010620	9002719033189
ZB 30	30	11.8		100	66010720	9002719015376

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



STB

	L [cm]	L [in]	VP	PU	Item no.	EAN
STB 24	24	9.5		100	66011020	9002719016021
STB 30	30	11.8		100	66011120	9002719015086
STB 24 SB (10 x STB24)	24	9.5		1	66011220	9002719033165

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

Technical details:

	SG CPM 10H	ZB	STB
Item description	CPM refill, graphite lead 10H	Carpenter's pencil	Stone carver's pencil
Material	-	Lime wood (AKA Linden, Basswood, Tilia)	Lime wood (AKA Linden, Basswood, Tilia)
Operating temperature	-10°C to +40 °C	-10°C to +50 °C	-10°C to +50 °C
Contents	10 x 6 SG CPM 10H	-	-
Lead	Graphite, hardness 10 H	Graphite, hardness HB	Graphite, hardness 10 H

Pencils

KB	L [cm]	L [in]	VP	PU	Item no.	EAN
KB 24	24	9.5		100	66012520	9002719016038
KB 24 SB (10 x KB24)	24	9.5		1	66012620	9002719033202

- Particularly suitable for wet wood
- Writes on wet, smooth surfaces
- Strong lead
- High breaking point
- Hard to remove



UB	L [cm]	L [in]	VP	PU	Item no.	EAN
UB 24	24	9.5		75	66023520	9002719019374
UB 24 SB (6 x UB24)	24	9.5		1	66023620	9002719033226

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



SB	L [cm]	L [in]	VP	PU	Item no.	EAN
SB 24	24	9.5		75	66022520	9002719023920
SB 24 SB (6 x SB24)	24	9.5		1	66022620	9002719033240

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



Technical details:	KB	UB	SB
Item description	Copier's pencil	Universal pencil	Signal pencil
Material	Lime wood (AKA Linden, Basswood, Tilia)	Lime wood (AKA Linden, Basswood, Tilia)	Lime wood (AKA Linden, Basswood, Tilia)
Operating temperature	-10°C to +50 °C	-10°C to +50 °C	-10°C to +50 °C
Lead	2/3 graphite and 1/3 copying lead	Graphite/wax composite	Color/wax composite



RBB

	L [cm]	L [in]	VP	PU	Item no.	EAN
RBB 17	17	6.7		100	66024020	9002719020011
RBB 17 SB (6 x RBB17)	17	6.7		1	66024120	9002719033264

- 1 blue + 1 red lead for corrections
- Labeling warm/cold
- Strong lead
- High breaking point

BSP

	L [cm]	VP	PU	Item no.	EAN	
BSP		5		25	66009120	9002719031987

- Pencil sharpener and knife combined
- Suitable for all pencil models
- Hardened blade for long life
- Secure handling thanks to a non-slip surface and ergonomic design



Technical details:

	RBB	BSP
Item description	Red-blue pencil	Pencil sharpener
Material	Lime wood (AKA Linden, Basswood, Tilia)	ABS plastic
Operating temperature	-10°C to +50 °C	-
Lead	Color/wax composite	-

TLM2 SET

	L [cm]	L [in]	VP	PU	Item no.	EAN
TLM2 SET	15	5.9		1	66041142	9002719041184

- Special design facilitates deep hole markings up to 45 mm (1.78") in depth
- Lead with small diameter for precise markings
- Integrated sharpener in the push button
- Two functions: Mechanical pencil and deep hole marker pencil thanks to removable cap
- Robust ABS belt clip for secure hold



TLM2

	L [cm]	L [in]	VP	PU	Item no.	EAN
TLM2	15	5.9		10	66041120	9002719041160

- Two functions: Mechanical pencil and deep hole marker pencil thanks to removable cap
- Special design facilitates deep hole markings up to 45 mm (1.78") in depth
- Lead with small diameter for precise markings
- Integrated sharpener in the push button
- Robust ABS belt clip for secure hold



SG TLM2 HB

	L [cm]	L [in]	VP	PU	Item no.	EAN
SG TLM2 HB	12	4.75		1	66045120	9002719041191

- Especially suitable for dry wood, paper, cardboard



Technical details:

	TLM2 SET	TLM2	SG TLM2 HB
Item description	Deep hole marker set	Deep hole marker	TLM2 refill, graphite lead HB
Material	High-quality plastic	High-quality plastic	-
Operating temperature	-10°C to +40 °C	-10°C to +40 °C	-10°C to +40 °C
Contents	20xTLM2 + 10x6 SG TLM2 HB + 10x6 SC TLM2	10 x TLM2	10 x 6 SG TLM2 HB
Lead	Graphite, hardness HB	Graphite, hardness HB	Graphite, hardness HB

Deep hole marker



SG TLM2

	L [cm]	L [in]	VP	PU	Item no.	EAN
SG TLM2	12	4.75		1	66032120	9002719035039

- Universal lead for both rough and smooth surfaces



SC TLM2

	L [cm]	L [in]	VP	PU	Item no.	EAN
SC TLM2	12	4.75		1	66046120	9002719041214

- Especially suitable for tiles, ceramic, plastic



DHM

	L [cm]	L [in]	VP	PU	Item no.	EAN
DHM	14.5	5.7		1	66071120	9002719041283

- Water-resistant and quick-drying ink writes reliably without smudging on smooth and dry materials such as glass, metal, stone and plastic
- Easy marking of drill holes and hard-to-reach places thanks to fine, stainless steel nib
- Precise marking, drawing, and writing with narrow line width
- Light-resistant and quick-drying
- Marker does not roll away while working thanks to the clip

Technical details:	SG TLM2	SC TLM2	DHM
Item description	TLM2 refill, graphite universal lead	DHM refill for TLM2, color	Drill hole marker
Material	-	-	High-quality plastic
Operating temperature	-10°C to +40 °C	-10°C to +40 °C	5 °C to 40 °C
Contents	10 x 6 SG TLM2	10 x 6 SC TLM2	20 x DHM
Lead	Graphite/wax composite	Color/wax composite	0.5 - 1.5 mm
Color	-	-	black
Storage temperature	-	-	5 °C to 20 °C

Permanent marker

PM DUO

	L [cm]	L [in]	VP	PU	Item no.	EAN
PM DUO	15.0	5.9		1	66080120	9002719044215

- 2 in 1: Deep hole marker and permanent marker combined in one pen
- Water-resistant and quick-drying ink writes reliably without smudging on smooth and dry materials such as glass, metal, stone and plastic
- Easy marking of drill holes and hard-to-reach places thanks to fine, stainless steel nib
- Precise marking, drawing, and writing with narrow line width
- Light-resistant and quick-drying
- Marker does not roll away while working thanks to the clip



PMB

	L [cm]	L [in]	VP	PU	Item no.	EAN
PMB	13.8	5.4		1	66081120	9002719041238

- Water-resistant on nearly all surfaces
- Light-resistant and quick-drying
- Marker does not roll away while working thanks to the clip
- Particularly suitable for plastic, cardboard, metal, glass, rubber, and wood



PMR

	L [cm]	L [in]	VP	PU	Item no.	EAN
PMR	13.8	5.4		1	66082120	9002719041252

- Water-resistant on nearly all surfaces
- Light-resistant and quick-drying
- Marker does not roll away while working thanks to the clip
- Particularly suitable for plastic, cardboard, metal, glass, rubber, and wood



Technical details:	PM DUO	PMB	PMR
Item description	Permanent marker DUO	Permanent marker, black	Permanent marker, red
Material	High-quality plastic	High-quality plastic	High-quality plastic
Color	black	black	red
Operating temperature	5 °C to 40 °C	5 °C to 40 °C	5 °C to 40 °C
Storage temperature	5 °C to 20 °C	5 °C to 20 °C	5 °C to 20 °C
Contents	10 x PM DUO	10 x PMB	10 x PMR
Lead	0.5 - 1.5 mm + 1.5 - 3.0 mm	1.5 - 3.0 mm	1.5 - 3.0 mm



PMBR SET

	L [cm]	L [in]	VP	PU	Item no.	EAN
PMBR SET	13.8	5.4		1	66088142	9002719041276

- Water-resistant on nearly all surfaces
- Light-resistant and quick-drying
- Marker does not roll away while working thanks to the clip
- Particularly suitable for plastic, cardboard, metal, glass, rubber, and wood



IMW

	L [cm]	L [in]	VP	PU	Item no.	EAN
IMW	14.0	5.5		1	66091120	9002719044192

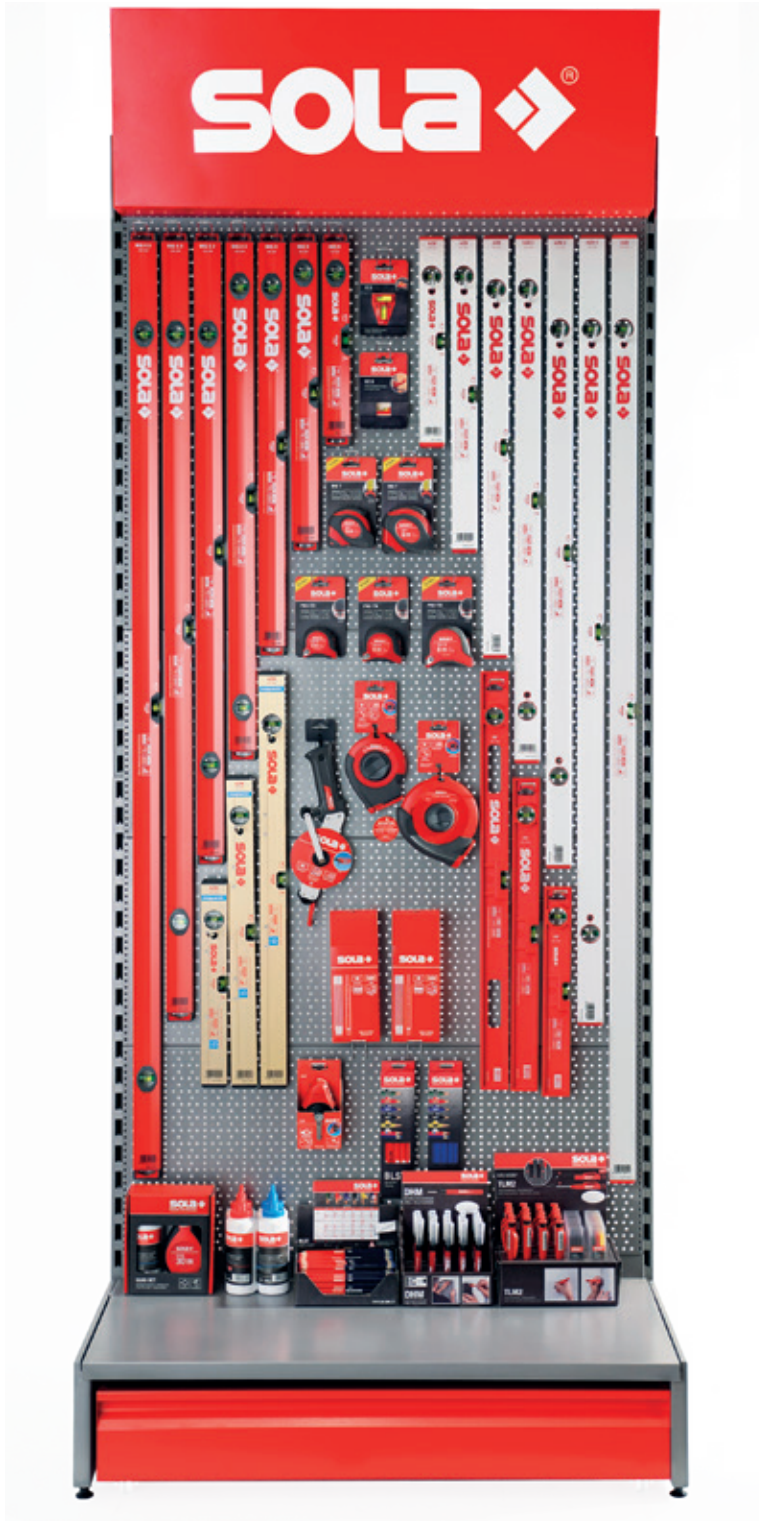
- Water-resistant on nearly all surfaces
- High opacity due to strong pigmentation
- Clearly visible on dark surfaces
- Extended lifetime due to optimized reversible writing tip

Technical details:

	PMBR SET	IMW
Item description	Permanent marker set, black/red	Industrial marker white
Material	High-quality plastic	High-quality plastic
Color	black/red	white
Operating temperature	5 °C to 40 °C	5 °C to 40 °C
Storage temperature	5 °C to 20 °C	5 °C to 20 °C
Contents	20 x PMB + 20 x PMR	10 x IMW
Lead	1.5 - 3.0 mm	4.0 mm



Merchandising

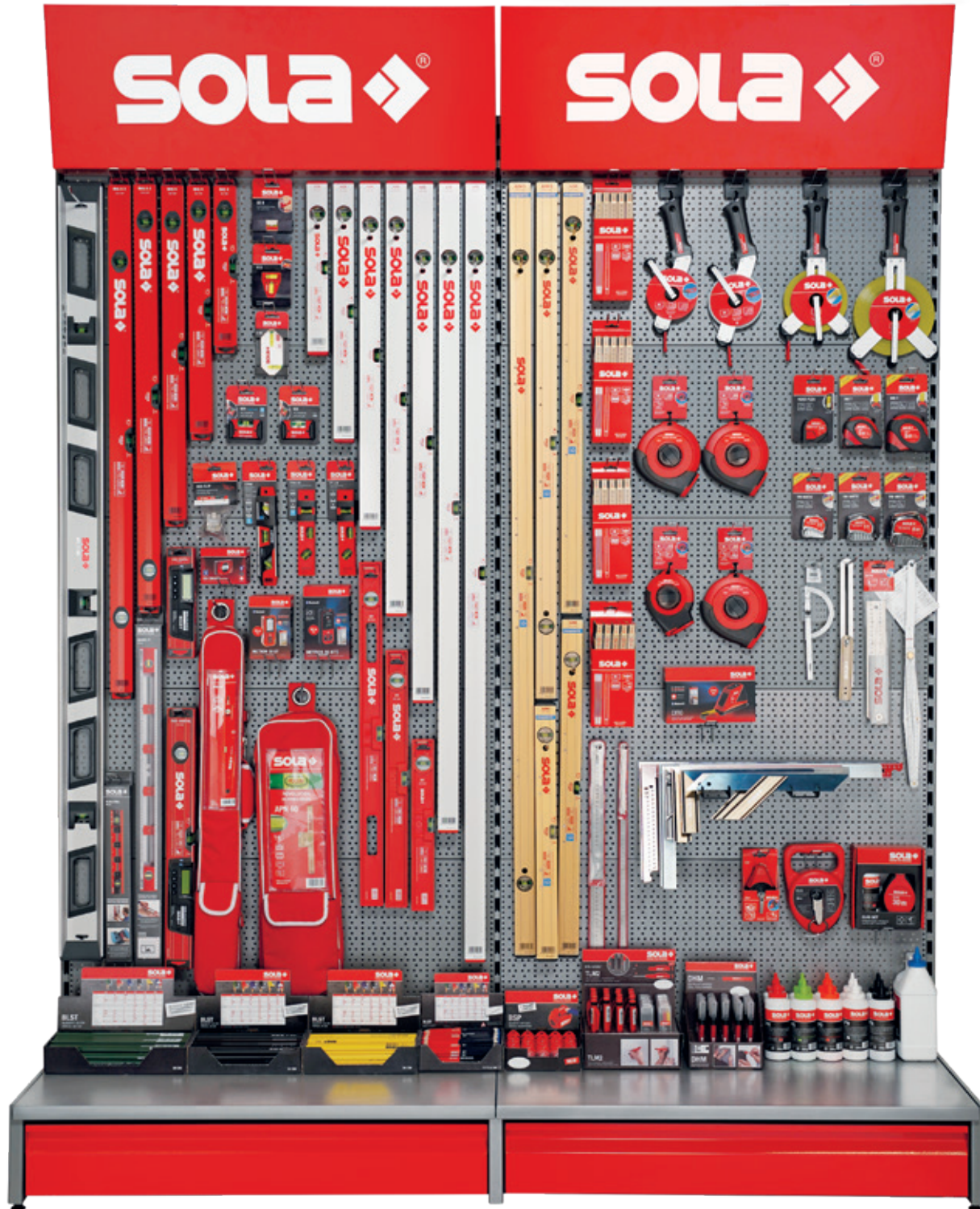


1M measuring tools

W x H x D
103 x 257 x 57 cm



1M laser



2M measuring tools



1M screed level

W x H x D
102 x 207 x 53 cm



POS 60 Display

W x H x D
56 x 65 x 46 cm
Capacity: 45 spirit levels, 18 screeding levels



POS 50
Display Focus

W x H x D
50 x 160 x 48 cm



POS 50
Display
Length
measurements



POS 50
Measuring tool
display



POS 50
Square display



POS 50
Special display

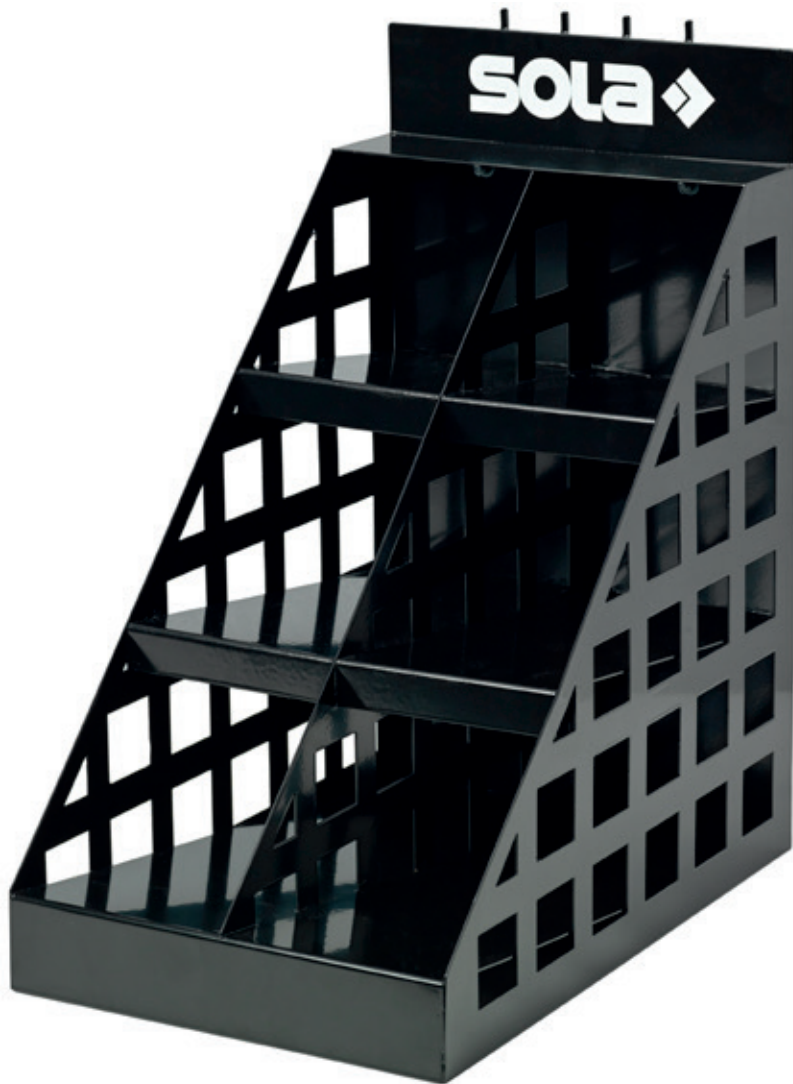


POS 50
Special display (packed)



Kubus spirit level

W x H x D
44 x 39 x 42 cm



**Display for pencils
and markers**

W x H x D
20 x 35 x 30 cm
Counter display for pencils

Merchandising



Beanie

Item no.
W010156



Baseball cap

Item no.
W010158



Snapback cap

Item no.
W010157



Socks

Item no.

Size 38-40

W012175M

Size 41-43

W012175L

Size 44-46

W012175XL



Cup

Item no.

W010155



Flask

Item no.

W010154



Keychain

Item no.

01614101

A large grid of small red dots covering the majority of the page, intended for handwritten notes.



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