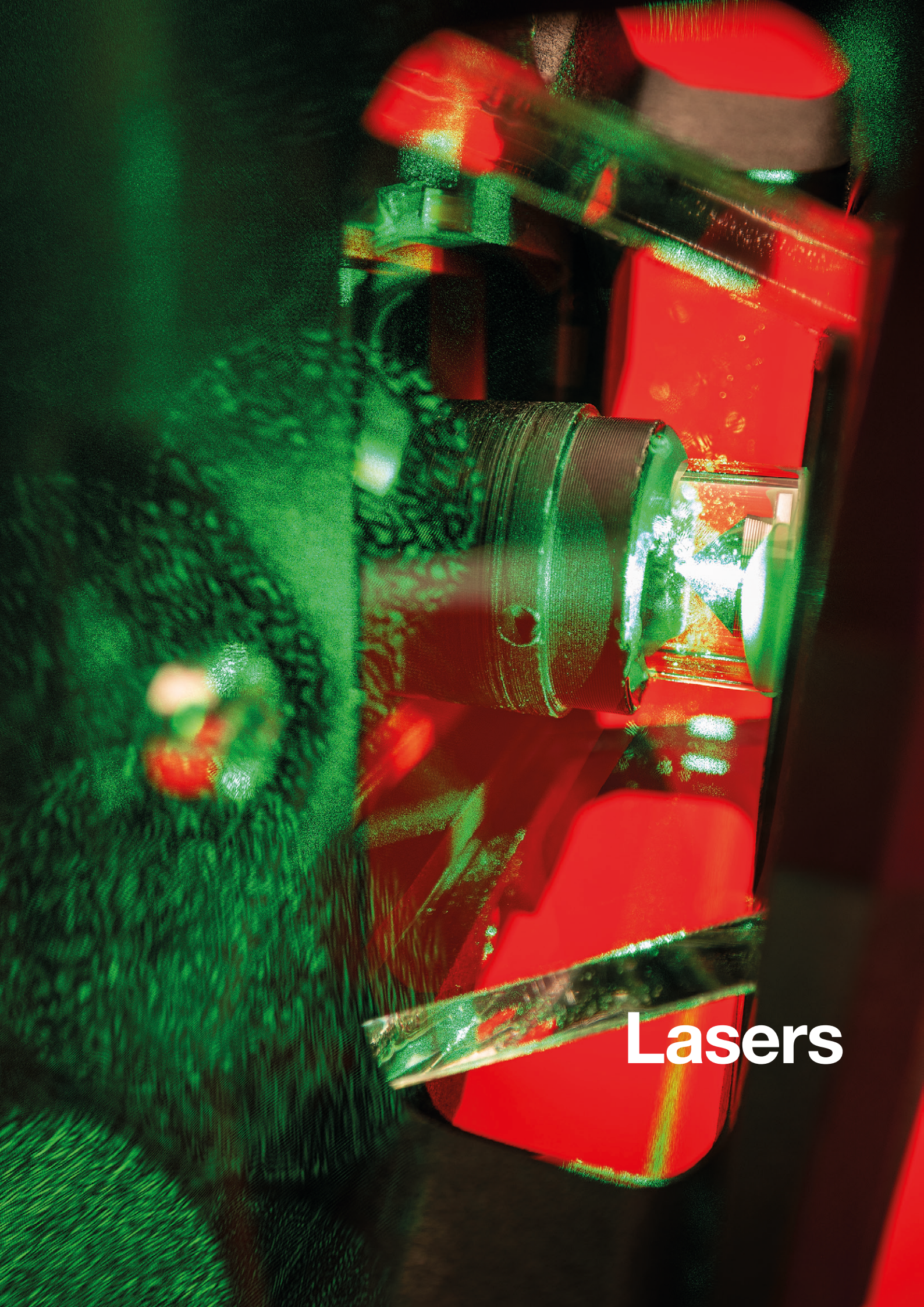


Lasers & Laser distance meters



Passion for Precision



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.



reddot award
winner
2010 2014 2016



product
design award
2010



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

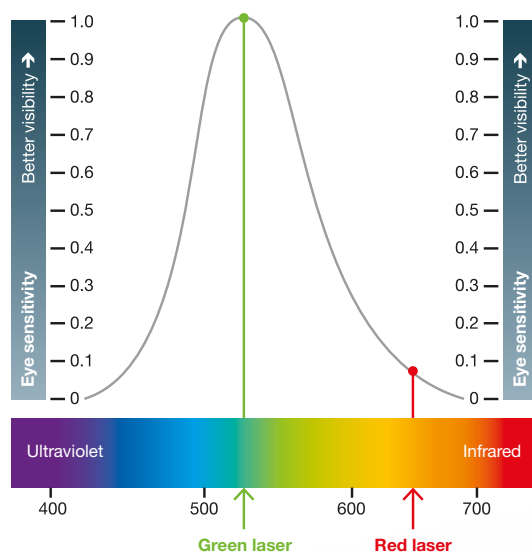
Protection against dust and dripping water. For devices that are mainly used indoors.

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 wave-lengths 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.





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

SOLA Lasers

							
EVO 360	FLOX	PLANO 3D GREEN	ATLAS GREEN	CROSSLINE P2 GREEN	CROSSLINE GREEN NX	CROSSLINE	SMART

Hard engineering

Roof Tiling	<input type="checkbox"/>						
Wall Cladding	<input checked="" type="checkbox"/>						
Prefabricated Building	<input checked="" type="checkbox"/>						
Hall construction	<input checked="" type="checkbox"/>						
Structural Engineering	<input checked="" type="checkbox"/>						
Landscaping	<input type="checkbox"/>						
Road Construction	<input type="checkbox"/>						
Civil Engineering	<input checked="" type="checkbox"/>						
Carpentry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

Interior construction

Flooring		<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Windows and Frames			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Kitchens				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Exhibitions	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Metalwork			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interior Design		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Joinery	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stair construction			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Drywall construction			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Finishing touches

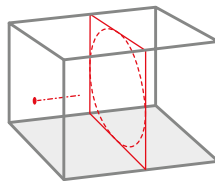
Architecture, Real Estate		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Decorating		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Electrical Equipment		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Screed Flooring	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Tiling		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Plaster, Stucco			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Heating, Sanitary, Air Conditioning			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Painting, Upholstery			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Renovation		<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Surveying			<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

☒ optimal ☐ possible

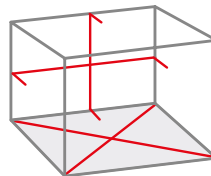
At a glance.



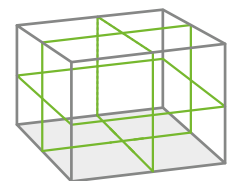
EVO 360



FLOX



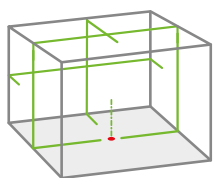
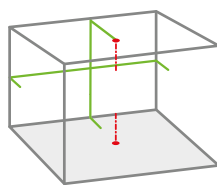
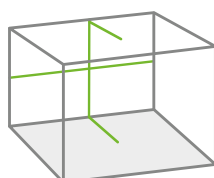
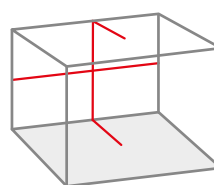
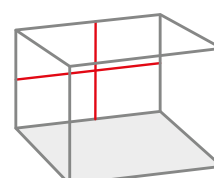
PLANO 3D GREEN



Technical Data

Dimensions	179 x 143 x 211 mm	150 x 119 x 122 mm	150 x 95 x 125 mm
Leveling	automatic	Permanent floor line Self-leveling wall cross	Self-leveling
Measuring tolerance	±0.10 mm/m	±0.30 mm/m (floor) / ±0.50 mm/m (wall)	±0.30 mm/m
Self-leveling range	±5°	±3°	±3°
Application range without handheld receiver (radius)	20 m*	30 m* (floor) / 10 m* (wall)	30 m*
Application range with handheld receiver (radius)	300 m*	-	80 m*
Operating temperature	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
Tripod adapter	5/8"	1/4" + 5/8"	1/4" + 5/8"
Protection class	IP66	IP54	IP54
Power supply	2 x 3.6 V Li-Ion battery	3 x 1.5 V (AA) batteries	2 x 3.6 V Li-Ion battery
Operating time (at 20 °C)	40 hrs	9 hrs floor, 40 hrs wall	8 hrs (all diodes)
Laser class	2M, DIN EN 60825-1:2014 + A1:2017	2, DIN EN 60825-1:2014	2, DIN EN 60825-1:2014
Output power	< 1.0 mW	< 1.0 mW	< 1.0 mW
Wavelength	635 – 650 nm	635 nm	505 – 520 nm

* Depending on the ambient conditions in the workplace.


ATLAS GREEN

**CROSSLINE
P2 GREEN**

**CROSSLINE
GREEN NX**

CROSSLINE

SMART


125 x 123 x 204 mm	103 x 85 x 98 mm	120 x 65 x 105 mm	120 x 65 x 105 mm	97 x 71 x 85 mm
Self-leveling	Self-leveling	Self-leveling	Self-leveling	Self-leveling
±0.20 mm/m	±0.20 mm/±0.50 mm/m (plumbing point)	±0.20 mm/m	±0.20 mm/m	±0.50 mm/m
±3°	±4°	±4°	±4°	±3°
25 m*	25 m*	20 m*	20 m*	10 m*
80 m*	80 m*	80 m*	80 m*	-
-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C	-10 °C to +50 °C
5/8"	1/4" + 5/8"	1/4"	1/4" + 5/8"	1/4"
IP54	IP54	IP54	IP54	IP42
4 x 1.5 V (AA) batteries	3 x 1.5 V (AA) batteries	3 x 1.5 V (AA) batteries	3 x 1.5 V (AA) batteries, Li-Ion battery (5200 mAh)	2 x 1.5 V (AA) batteries
6.5 hrs (all diodes)	7 hrs (all diodes)	8 hrs (all diodes)	14 h batteries 30 h Li-Ion battery	20 hrs (all diodes)
2, DIN EN 60825-1:2014	2, DIN EN 60825-1:2014	2, DIN EN 60825-1:2014	2M, DIN EN 60825-1:2014	2, DIN EN 60825-1:2014
< 5.0 mW	< 1.0 mW	< 5.0 mW	< 5.0 mW	< 1.0 mW
510 – 525 nm	515 – 650 nm	520 nm	635 nm	635 nm

The perfect fit: SOLA laser devices and accessories.

									
REC RRD1	REC LRD0	REC LGD0	LI-ION AKKU	BA	CC	TST	KST	BST	FST

Rotation lasers

	EVO 360	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>	<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"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PLANO 3D GREEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	ATLAS GREEN	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	CROSSLINE P2 GREEN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>	<input type="checkbox"/>	<input type="checkbox"/>
	CROSSLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	SMART	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

															
UTC	MST	KLST	WB	WH	MH	NK1	GA-SET	SA-1/4	SA-5/8	FL	ML 5	LB GREEN	LB RED	ZLM GREEN	ZS RED

<input type="checkbox"/>			<input type="checkbox"/>								<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>							<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		<input type="checkbox"/>
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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 folding rule. Depending on the model, SOLA laser distance meters can reach a range of between 20 and 80 m.

Ready to meet all requirements.

	VECTOR 20	VECTOR 50	METRON 30 BT	METRON 60 BT	METRON 80 BTC
Length measurement	■	■	■	■	■
Area measurement		■	■	■	■
Volume measurement		■	■	■	■
Min./max. measurement		■	■	■	■
Continuous measurement	■	■	■	■	■
Indirect 3-point measurement				■	■
Indirect 2-point measurement		■	■	■	■
Indirect measurement via angle					■
Indirect distance measurement					■
Automatic distance measurement					■
Addition/subtraction		■		■	■
Measurement memory				■	■
Triangular area measurement					■
Circular area measurement					■
Cylinder volume measurement					■
Stake out function					■



For more information,
visit the SOLA
YouTube channel

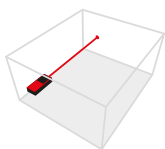


SOLA Measures

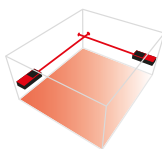


Compatible with: Bluetooth and the SOLA Measures app.

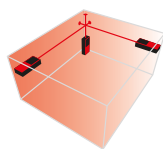
Do you need to record and save measurements on-site, or to send measurement data to the team? Do you need to precisely determine dimensions from construction site photos or for construction plans? No problem! The integrated Bluetooth interface in the SOLA laser distance meter enables the wireless transmission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



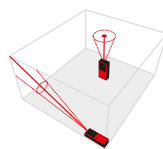
Length measurement



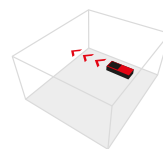
Area measurement



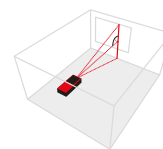
Volume measurement



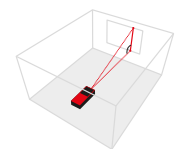
Min./max. measurement



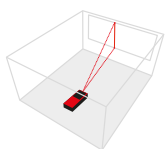
Continuous measurement



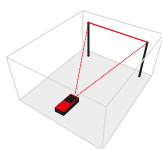
Indirect 3-point measurement



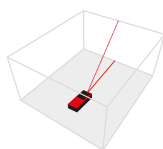
Indirect 2-point measurement



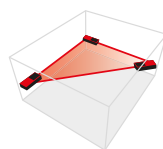
Indirect measurement via angle



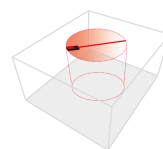
Indirect distance measurement



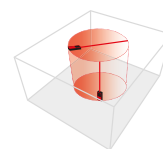
Automatic distance measurement



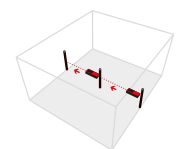
Triangular area measurement



Circular area measurement



Cylinder volume measurement



Stake out function

At a glance.



Technical Data

Dimensions	100 x 38 x 24 mm	105 x 47 x 27 mm	105 x 47 x 27 mm	119 x 46 x 28 mm	115 x 48 x 26 mm
Usage area	0.2 – 20 m*	0.15 – 50 m*	0.05 – 30 m*	0.05 – 60 m*	0.05 – 80 m*
Measuring tolerance	±2.00 mm**	±1.50 mm**	±2.0 mm**	±1.50 mm**	±1.50 mm**
Unit of measurement	m	m	m, in, ft, ft+in	m, in, ft, ft+in	m, in, ft, ft+in
Operating temperature	0°C to +40°C	0°C to +40°C	0°C to +40°C	0 °C to +40 °C	0° to +40 °C
Tripod adapter				1/4"	1/4"
Protection class	IP42	IP42	IP54	IP54	IP65
Automatic power off, laser	30 s	45 s	45 s	45 s	45 s
Automatic power off, device	180 s	180 s	180 s	180 s	180 s
Power supply	2 x 1.5 V (AAA) batteries	2 x 1.5 V (AAA) batteries	2 x 1.5 V (AAA) batteries	3.7 V Li-Ion battery (850 mAh)	3 x 1.2 V (AAA) Ni-Mh battery (3 x 850 mAh)
Operating time (at 20 °C)	up to 5,000 measurements***	up to 5,000 measurements***	up to 5,000 measurements***	up to 5,000 measurements***	up to 5,000 measurements***
Laser class	2, DIN EN 60825-1: 2007-10	2, DIN EN 60825-1: 2007-10	2, DIN EN 60825-1: 2007-03	2, DIN EN 60825-1: 2007-10	2, DIN EN 60825-1: 2007-10
Output power	< 1.0 mW	< 1.0 mW	< 1.0 mW	< 1.0 mW	< 1.0 mW
Wavelength	650 nm	650 nm	630 – 670 nm	635 nm	630 – 670 nm
Weight with batteries	70 g	85 g	100 g	100 g	150 g

* Depending on the ambient conditions at the work site. ** Degree of precision applies up to 10 m. When measuring distances of between 10 m and the maximum specified measurement range, the maximum tolerance may decrease by 0.1 mm/m. *** When operated at room temperature.



Passion for Precision

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