

SOLA LASER DISTANCE METERS



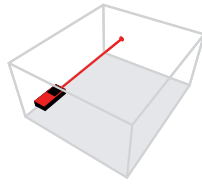
	VECTOR 20	VECTOR 50	VECTOR 80	VECTOR 100 PRO	METRON 60 BT
Measuring range	0.2–20 m*	0.15–50 m*	0.2–80 m*	0.2–100 m*	0.05–60 m*
Accuracy	± 2 mm**	± 1.5 mm**	± 1.5 mm**	± 1.5 mm**	±1.5 mm**
Unit of measurement	m	m	m, in, ft, ft+in	m, in, ft, ft+in	m, in, ft, ft+in
Laser class	2	2	2	2	2
Laser type	650 nm, < 1 mW	650 nm, < 1 mW	635 nm, < 1 mW	635 nm, < 1 mW	635 nm, < 1 mW
Protection class	IP42	IP42	IP54	IP65	IP54
Laser auto-shutdown	30 s	45 s	30 s	30 s	45 s
Instrument auto-shutdown	180 s	180 s	180 s	180 s	180 s
Operating time	up to 5000 measurements***	up to 5000 measurements***	up to 5000 measurements***	up to 5000 measurements***	up to 5000 measurements***
Battery type	2 × AAA 1.5 V	2 × AAA 1.5 V	2 × AAA 1.5 V	3 × 1.2 V Ni-Mh batteries	3.7 V 850 mAh Li-ion
Operating temperature	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C	0°C to 40°C
Storage temperature	-10°C to 60°C	-20°C to 60°C	-10°C to 60°C	-10°C to 60°C	-20°C to 60°C
Dimensions (H × W × D)	100 × 40 × 20 mm	105 × 47 × 27 mm	115 × 52 × 32 mm	115 × 50 × 25 mm	119 × 46 × 28 mm
Weight with batteries	70 g	85 g	140 g	120 g	100 g
Tripod adapter				1/4"	1/4"
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			■	■	■
Tilt measurement				■	
Item no	71019101	71024101	71021101	71023101	71027101

* 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.

APPLICATIONS IN DETAIL

Length measurement

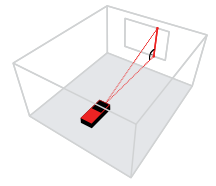
Determines a simple distance from the set measurement edge of the laser distance meter.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Indirect 2-point measurement

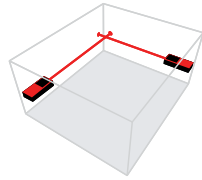
Determines an inaccessible distance via two length measurements. A measurement is then derived using a 90° angle.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Area measurement

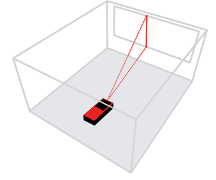
Automatically calculates an area by measuring length and width.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Indirect measurement via angle

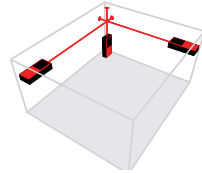
Measures an indirect and inaccessible height by means of two length measurements. Thanks to the automatic electronic tilt sensor, an additional 90° angle measurement is not required.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Volume measurement

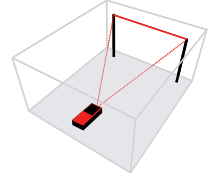
Calculates the volume of a space by measuring length, width and height.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Indirect distance measurement

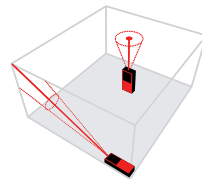
Determines an indirect distance without needing to get to the start and end points. From one position, two length measurements are made to the respective measuring points.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Min./max. measurement

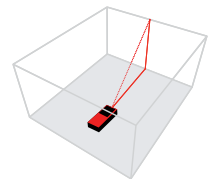
Determines the minimum or maximum distance by measuring the shortest distance between two points or the greatest distance, e.g. along the diagonal dimension.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Automatic distance measurement

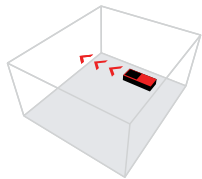
Length measurement is used on an elevated target point; its corresponding height and distance are then calculated automatically using the tilt sensor.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Continuous measurement

Rapidly determines a required target distance using continuous measurement.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Addition/subtraction

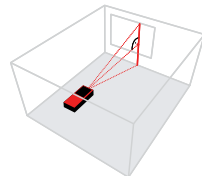
Adds and subtracts measurements quickly and simply.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Indirect 3-point measurement

Determines an inaccessible distance via three length measurements. A measurement is then derived using a 90° angle.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Measurement memory

The memory function allows to store and retrieve measuring results.



VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT

Tilt measurement

Calculates indirect distances or heights using the angle measured by the electronic tilt sensor.

VECTOR 20 VECTOR 50 VECTOR 80 VECTOR 100 PRO METRON 60 BT



METRON 60 BT

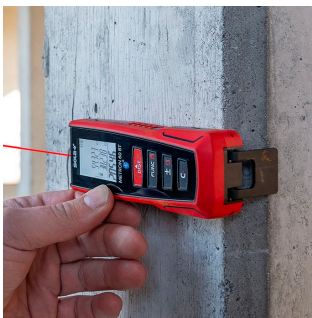
PRODUCT DETAILS

HIGHLIGHTS

- ▶ Bluetooth interface for data transfer to the compatible SOLA Measures app
- ▶ Fold-out endpiece for measurements from outer edges
- ▶ 1/4" thread for attachment to a tripod
- ▶ 3-line backlit display for quick reading
- ▶ Soft grip and ergonomic design
- ▶ Automatic switch-off

APPLICATIONS

Length measurement	■
Area measurement	■
Volume measurement	■
Min./max. measurement	■
Continuous measurement	■
Indirect 3-point measurement	■
Indirect 2-point measurement	■
Addition/subtraction	■
Measurement memory	■



The METRON 60 BT's endpiece can be folded out at a 90° angle to support the device when carrying out measurements from outside edges.



The integrated Bluetooth interface enables the wireless transfer of measured values from the METRON to your smartphone. Using the compatible SOLA Measures app, you can directly dimension photos or construction plans and save manage and share your measurement results.

ORDERING INFORMATION

Pack contents

- ▶ Laser distance meter METRON 60 BT
- ▶ Charging cable
- ▶ Belt pouch
- ▶ Hand strap
- ▶ Quick Start



METRON 60 BT

Item no 71027101

Technical specifications

Measuring range	0.05 – 60 m*
Accuracy	± 1.5 mm**
Unit of measurement	m, in, ft, ft+in
Laser class	2
Laser type	635 nm, < 1 mW
Protection class	IP54
Laser auto-shutdown	45 s
Instrument auto-shutdown	180 s
Operating duration	up to 5000 measurements***
Battery type	3.7 V 850 mAh Li-ion
Operating temperature	0°C to 40°C
Storage temperature	-20°C to 60°C
Dimensions (H×W×D)	119×46×28 mm
Weight with batteries	100 g

* depending on the ambient conditions at the work site.

** this degree of precision applies when measuring distances of between 0.05 and 10 m; when measuring distances of between 10 m and 60 m, the maximum tolerance may decrease by 0.1 mm/m.

*** When operated at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses, red LB RED Item no 71124501

Magnetic target ZS RED Item no 71126401

Compact tripod FST Item no 71121701

Inclination adapter NK1 Item no 71128501

Mini tripod MST Item no 71121901



Further information regarding the accessories can be found at www.sola.at



VECTOR 100 PRO

PRODUCT DETAILS

HIGHLIGHTS

- ▶ Camera function (2x and 4x zoom) for easier target alignment
- ▶ Tilt sensor for levelling and angle measurement
- ▶ Bluetooth interface for data transfer to the compatible VECTOR Measure & Sketch app
- ▶ Touchscreen for quick and easy operation
- ▶ Protection class IP65
- ▶ 4-line backlit display

APPLICATIONS

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	■
Tilt sensor	■



Over greater distances or in poor light conditions, it is often difficult to locate the measuring point accurately. The 2 and 4x zoom camera allows users to aim precisely at a specific target point using the display.

ORDERING INFORMATION

Pack contents

- ▶ Laser distance meter VECTOR 100 PRO
- ▶ 3 x 1.2 V Ni-Mh batteries
- ▶ Belt pouch
- ▶ Hand strap
- ▶ Charging/data cable
- ▶ Quick Start



VECTOR 100 PRO

Item no 71023101

Technical specifications

Measuring range	0.2–100 m*
Accuracy	± 1.5 mm**
Unit of measurement	m, in, ft, ft+in
Laser class	2
Laser type	635 nm, < 1 mW
Protection class	IP65
Laser auto-shutdown	30 s
Instrument auto-shutdown	180 s
Operating duration	up to 5000 measurements***
Battery type	3 x 1.2 V Ni-Mh batteries
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to 60 °C
Dimensions (H x W x D)	115 x 50 x 25 mm
Weight with batteries	120 g

* depending on the ambient conditions at the work site.

** this degree of precision applies when measuring distances of between 0.2 and 10 m; when measuring distances of between 10 m and 100 m, the maximum tolerance may decrease by 0.1 mm/m.

*** When operated at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses, red LB RED Item no 71124501

Magnetic target ZS RED Item no 71126401

Compact tripod FST Item no 71121701

Inclination adapter NK1 Item no 71128501

Mini tripod MST Item no 71121901

Further information regarding the accessories can be found at www.sola.at



VECTOR 80

PRODUCT DETAILS

HIGHLIGHTS

- › Easy to use
- › 4-line backlit display
- › Soft grip and ergonomic design
- › Automatically stores 20 measurements
- › For use indoors and outside
- › Multifunctional endpiece

APPLICATIONS

Length measurement	■
Area measurement	■
Volume measurement	■
Min./max. measurement	■
Continuous measurement	■
Indirect 3-point measurement	■
Indirect 2-point measurement	■
Addition/subtraction	■
Measurement memory	■



Determine both minimum and maximum distances by measuring the shortest distance between 2 points or the longest distance, e.g., along the diagonal dimension. The VECTOR 80's fold-out, multifunctional endpiece enables the user to carry out precise measurements from a corner or joint.

ORDERING INFORMATION

Pack contents

- › Laser distance meter VECTOR 80
- › 2 × 1.5 V (AAA) batteries
- › Belt pouch
- › Hand strap
- › Quick Start



VECTOR 80

Item no 71021101

Technical specifications

Measuring range	0.2–80 m*
Accuracy	± 1.5 mm**
Unit of measurement	m, in, ft, ft+in
Laser class	2
Laser type	635 nm, < 1 mW
Protection class	IP54
Laser auto-shutdown	30 s
Instrument auto-shutdown	180 s
Operating duration	up to 5000 measurements***
Battery type	2 × AAA 1.5 V
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to 60 °C
Dimensions (H × W × D)	115 × 52 × 32 mm
Weight with batteries	140 g

* depending on the ambient conditions at the work site.

** this degree of precision applies when measuring distances of between 0.2 and 10 m; when measuring distances of between 10 m and 80 m, the maximum tolerance may decrease by 0.1 mm/m.

*** When operated at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses, red LB RED Item no 71124501

Magnetic target ZS RED Item no 71126401

Further information regarding the accessories can be found at www.sola.at



VECTOR 50

PRODUCT DETAILS

HIGHLIGHTS

- › Easy to use
- › 3-line backlit display
- › Soft grip and ergonomic design
- › Compact, light, handy
- › Automatic shutdown

APPLICATIONS

Length measurement	■
Area measurement	■
Volume measurement	■
Min./max. measurement	■
Continuous measurement	■
Indirect 2-point measurement	■
Addition/subtraction	■



Users will find the integrated spirit level on the VECTOR 50 particularly helpful. For horizontal measurements, it ensures that the device is correctly aligned. The benefit: more accurate measurements.

ORDERING INFORMATION

Pack contents

- › Laser distance meter VECTOR 50
- › 2 × 1.5 V (AAA) batteries
- › Belt pouch
- › Hand strap
- › Quick Start



VECTOR 50

Item no 71024101

Technical specifications

Measuring range	0.15–50 m*
Accuracy	± 1.5 mm**
Unit of measurement	m
Laser class	2
Laser type	650 nm, < 1 mW
Protection class	IP42
Laser auto-shutdown	45 s
Instrument auto-shutdown	180 s
Operating duration	up to 5000 measurements***
Battery type	2 × AAA 1.5 V
Operating temperature	0 °C to 40 °C
Storage temperature	-20 °C to 60 °C
Dimensions (H × W × D)	105 × 47 × 27 mm
Weight with batteries	85 g

* depending on the ambient conditions at the work site.

** this degree of precision applies when measuring distances of between 0.15 and 10 m; when measuring distances of between 10 m and 50 m, the maximum tolerance may decrease by 0.1 mm/m.

*** When operated at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses red LB RED

Item no 71124501

Magnetic target ZS RED

Item no 71126401

Further information regarding the accessories can be found at www.sola.at



VECTOR 20

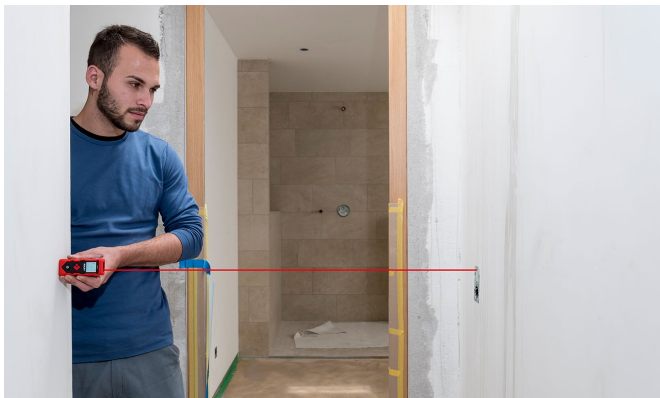
PRODUCT DETAILS

HIGHLIGHTS

- › Easy to use
- › 2-line backlit display
- › Soft grip and ergonomic design
- › Compact, light, handy
- › Automatic shutdown

APPLICATIONS

Length measurement	■
Continuous measurement	■



The VECTOR 20 measures distances between two points and has a continuous measurement function. Distances can be measured very accurately and conveniently in just a few seconds.

ORDERING INFORMATION

Pack contents

- › Laser distance meter VECTOR 20
- › 2 × 1.5 V (AAA) batteries
- › Hand strap
- › Quick Start



VECTOR 20

Item no 71019101

Technical specifications

Measuring range	0.2–20 m*
Accuracy	± 2 mm**
Unit of measurement	m
Laser class	2
Laser type	650 nm, < 1 mW
Protection class	IP42
Laser auto-shutdown	30 s
Instrument auto-shutdown	180 s
Operating duration	up to 5000 measurements***
Battery type	2 × AAA 1.5 V
Operating temperature	0 °C to 40 °C
Storage temperature	-10 °C to 60 °C
Dimensions (H × W × D)	100 × 40 × 20 mm
Weight with batteries	70 g

* depending on the ambient conditions at the work site.

** this degree of precision applies when measuring distances of between 0.2 and 10 m; when measuring distances of between 10 m and 20 m, the maximum tolerance may decrease by 0.1 mm/m.

*** When operated at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses red LB RED Item no 71124501

Magnetic target ZS RED Item no 71126401

VECTOR belt pouch Item no 71498335

Further information regarding the accessories can be found at www.sola.at