

SOLA-Messwerkzeuge GmbH
 Unteres Tobel 25
 A-6840 Götzis
 Tel: +43 (0)5523 53380-0
 Fax: +43 (0)5523 53385
 sola@sola.at
 www.sola.at

Ing. Guido Scheyer
 SOLA-Meßwerkzeuge GmbH & Co.
 Wannental 50
 D-88131 Lindau
 Tel: +49 (0)8382 28585
 Fax: +49 (0)8382 977002
 sola@sola.de
 www.sola.de

SOLA Suisse AG
 Grenzstrasse 24
 CH-9430 St. Margrethen
 Tel: +41 (0)71740 1616
 Fax: +41 (0)71740 1818
 info@solasuisse.ch
 www.solasuisse.ch

TECHNICAL DATA

VECTOR 100 PRO	
Measurement range	0.2 – 100 m*
Accuracy	± 1.5 mm**
Measurement unit	m, in, ft, ft+in
Laser class	2
Laser type	635 nm, < 1 mW
Protection type	IP 65
Automatic shut-off of laser	30 s
Automatic shut-off of device	180 s
Battery life	up to 5000 measurements***
Battery type	3 x 1.2 V Ni-Mh battery
Operating temperature	0 – 40 °C
Storage temperature	-10 – 60 °C
Dimensions	115 x 50 x 25 mm
Weight, including batteries	120 g

* Depending on the ambient conditions in the workplace.
 ** 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 deteriorate by 0.1 mm/m.
 *** When operated at room temperature.

ORDERING INFORMATION



VECTOR 100 PRO item no. 71023101

- Includes**
- ▶ Laser-Range Finder
 - ▶ VECTOR 100 PRO
 - ▶ 3 x 1.2 V Ni-Mh battery
 - ▶ 1 Belt pouch
 - ▶ 1 Operating manual CD
 - ▶ 1 Quick Start VECTOR 100 PRO
 - ▶ 1 Charging/data cable

ACCESSORIES



- Compact tripod FST** item no. 71121701
- Inclination apter NK1** item no. 71128501
- Mini tripod MST** item no. 71121901

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

For a steady hold, the VECTOR 100 PRO can be fixed to the FST tripod using 1/4" screw thread. The fixed position enables a wide range of measurements to be repeated with pinpoint precision and accuracy.

Rotating display



Mini tripod MST



Get the SOLA VECTOR Measure & Sketch app
 Create sketches, dimension photos and export the results of your work – the free **VECTOR Measure & Sketch** app makes recording and documentation measured values fast and easy. Thanks to the self-explanatory menu navigation using the app is child's play.



EASY TO OPERATE

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

4-lines display + backlight



Touch-screen for quick and easy operation



Convenient to carry thanks to belt pouch



IP65 protection



VECTOR 100 PRO LASER RANGE FINDER

USEFUL. PRACTICAL. ACCURATE.



WE DEVELOP TOGETHER WITH PROFESSIONALS. FOR PROFESSIONALS.



VECTOR 100 PRO

SPECIALLY DEVELOPED WITH BLUETOOTH AND CAMERA FUNCTION

The VECTOR 100 PRO with the latest technology has everything covered, integrated Bluetooth and camera function, user-friendly touch-screen and a built-in inclination sensor.

We have now enhanced our laser distance meter range with the addition of the VECTOR 100 PRO – the result is an attractive professional tool for measuring distances of up to 100m at an accuracy of 1.5 mm/m.

VECTOR 100 PRO	
Length measurement	■
Surface measurement	■
Volume measurement	■
Min./max. measurement	■
Continuous measurement	■
Indirect 3-point measurement	■
Indirect 2-point measurement	■
Indirect measuring via angle	■
Indirect distance measurement	■
Automatic distance measurement	■
Addition/subtraction	■
Measurement value memory	■
Inclination sensor	■

CAMERA FUNCTION

FOR SIMPLIFIED TARGET POINT ORIENTATION



Over greater distances or in poor light conditions, it is often difficult to accurately locate the measuring point but even these measurements are easy to carry out thanks to the camera function. The 2 and 4 x zoom camera allows users to aim accurately at specific target points using the display. Users can easily measure distances of up to 100m at the push of a button.

BLUETOOTH

DIGITAL DATA TRANSFER



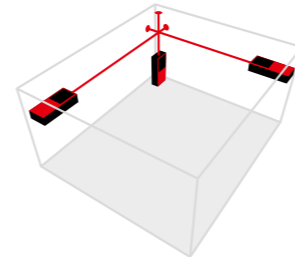
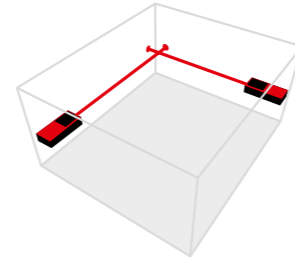
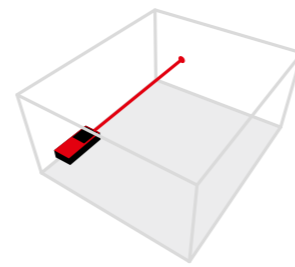
You can transfer the measured data quickly and efficiently via Bluetooth directly to your smartphone. In addition, there is a data cable for transfers, which can also be used to charge the device. This allows measurement results to be digitally transferred from the VECTOR 100 PRO to other devices.

VECTOR

APPLICATIONS IN DETAIL

Length measurement

With the VECTOR 100 PRO, you can measure distances from two reference edges, front and back. There is also the third option of attaching the device to a tripod.



Surface measurement

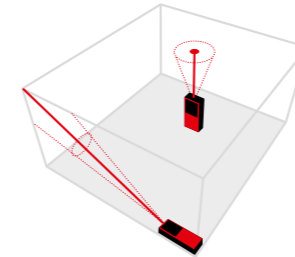
Thanks to the automatic calculation function, determining surface areas with the VECTOR 100 PRO could not be simpler.

Volume measurement

The VECTOR 100 PRO is ideal for determining the volume of a room. With the range finder from SOLA, you can calculate the volume in a matter of seconds.

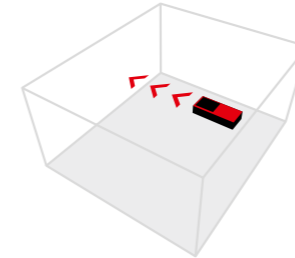
Min./max. measurement

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



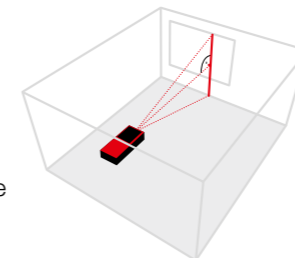
Continuous measurement

The continuous measurement feature enables you to determine your desired target distances quickly.



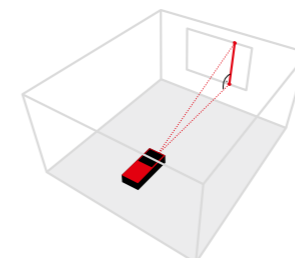
Indirect 3-point measurement

Using 3 length measurements, you can measure a distance along a line that you cannot access with pinpoint accuracy. You measure the shortest and longest distance and the distance at a 90° angle.



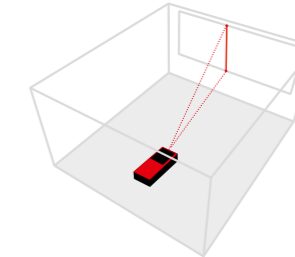
Indirect 2-point measurement

Measure an indirect, inaccessible line with just a press of a button by taking 2 distance measurements.



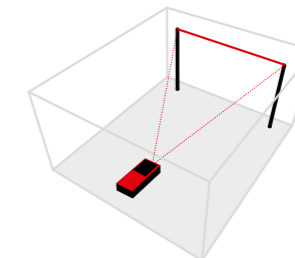
Indirect measuring via angle

Calculate an indirect, inaccessible height with two simple length measurements. Thanks to the automatic electronic inclination sensor, no further 90° angle measurement is necessary. Height measurement can therefore be achieved without needing to reach the measuring points.



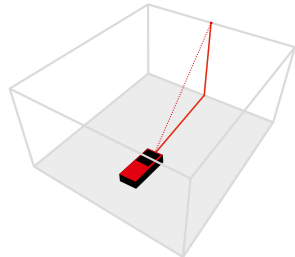
Indirect distance measurement

The VECTOR 100 PRO is ideal for calculating indirect distance measurements without reaching the attachment points. From one position, two length measurements are made to the respective measuring points. The indirect distance between these measuring points is displayed in an instant.



Automatic distance measurement

Automatic distance measurement can be used to measure inaccessible distances. Length measurement is used to aim at a point at a height – the inclination sensor then automatically calculates the relevant height and distance.



Addition/subtraction

The other useful functions of the VECTOR 100 PRO include addition and subtraction. This enables you to calculate your measurement values as you go.

Measurement value memory

The VECTOR 100 PRO enables you to call up your last 100 measurement results at any time from its integrated memory.

Inclination sensor

The VECTOR 100 PRO has an automatic electronic angle-measurement function. This inclination sensor allows indirect distances, heights and sections to be measured without hassle and with extreme ease.