

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



EN 99040644 | Changes, Typing and printing errors reserved.

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

Includes

- Laser Distance Meter
- 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

VECTOR 100 PRO **item no. 71023101**

ACCESSORIES

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.

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

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 DISTANCE METER**

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 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

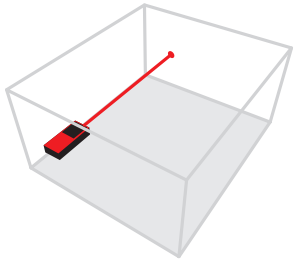


You can transfer the measured data quickly and efficiently via Bluetooth directly to your smartphone. In addition, there is a data cable for transfers, which can also be used to charge the device. This allows measurement results to be digitally transferred from the VECTOR 100 PRO to other devices.

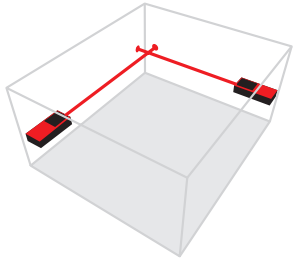
VECTOR

APPLICATIONS IN DETAIL

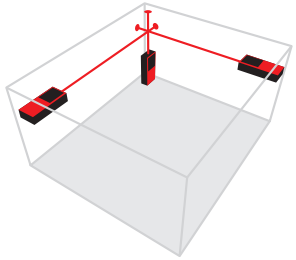
Length measurement
With the VECTOR 100 PRO, you can measure distances from two reference edges, front and back. There is also the third option of attaching the device to a tripod.



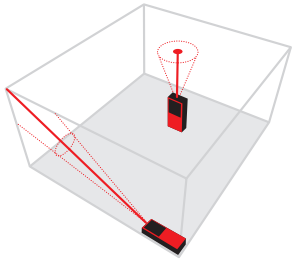
Surface measurement
Thanks to the automatic calculation function, determining surface areas with the VECTOR 100 PRO could not be simpler.



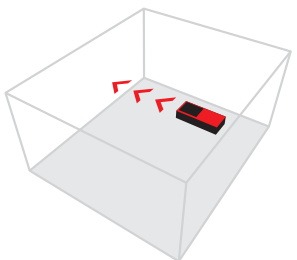
Volume measurement
The VECTOR 100 PRO is ideal for determining the volume of a room. With the distance meter from SOLA, you can calculate the volume in a matter of seconds.



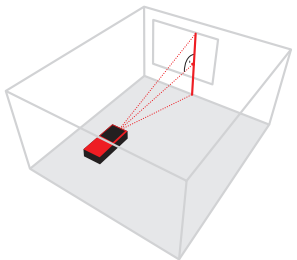
Min./max. measurement
You can find out both minimum and maximum distances by measuring the shortest distance between 2 points or the longest distance, such as a diagonal.



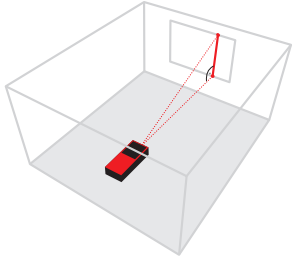
Continuous measurement
The continuous measurement feature enables you to determine your desired target distances quickly.



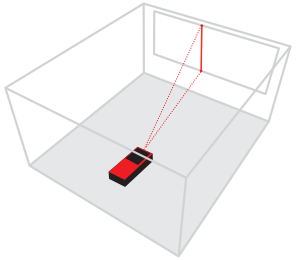
Indirect 3-point measurement
Using 3 length measurements, you can measure a distance along a line that you cannot access with pinpoint accuracy. You measure the shortest and longest distance and the distance at a 90° angle.



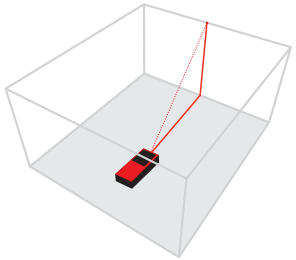
Indirect 2-point measurement
Measure an indirect, inaccessible line with just a press of a button by taking 2 distance measurements.



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.



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.

