SOLA Measures

Download the free SOLA Measures app now and make use of its smart additional functions: Create photos, sketch and precisely determine lengths, save, manage, and share measurement results.

App Store

Google Play

METRON 30 BT

- 3-line backlit display
- Integrated spirit level for precise measurements
- Compact, lightweight, handy

METRON 60 BT

- 3-line backlit display
- Fold-out stop aid
- Soft grip and ergonomic design

METRON 80 BTC

- 4-line illuminated, rotating color display
- Pointfinder camera with 2x and 4x zoom
- Tilt sensor
- Timer

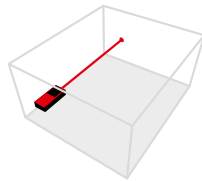|	METRON 30 BT	METRON 60 BT	METRON 80 BTC
Measuring range	0.05–30 m*	0.05–60 m*	0.05–80 m*
Accuracy	± 2.0 mm**	± 1.5 mm**	± 1.5 mm**
Unit of measurement	m, in, in+ft, ft	m, in, in+ft, ft	m, in, in+ft, ft
Laser class	2	2	2
Laser type	630–670 nm < 1 mW	635 nm < 1 mW	630–670 nm < 1 mW
Protection class	IP54	IP54	IP65
Automatic power off, laser	45 s	45 s	45 s
Automatic power off, device	180 s	180 s	180 s
Operating time	up to 5,000 measurements***	up to 5,000 measurements***	up to 5,000 measurements***
Battery type	2 x 1.5 V (AAA) batteries	3.7 V 850 mAh Li-ion battery	3 × 1.2 V Ni-Mh battery
Operating temperature	0 °C to 40 °C	0 °C to 40 °C	0 °C to 40 °C
Storage temperature	-20 °C to 60 °C	-20 °C to 60 °C	-20 °C to 60 °C
Dimensions (H × W × D)	105 x 47 x 27 mm	119 × 46 × 28 mm	115 x 49 x 26 mm
Weight with batteries	100 g	100 g	150 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			■
Triangular area measurement			■
Circular area measurement			■
Cylinder volume measurement			■
Stake out function			■
Addition/subtraction		■	■
Measurement memory		■	■
Item No.	71025101	71027101	71029101

* Depending on conditions at work site.
** Accurate up to 10 m. The maximum tolerance of 0.1 mm/m may deteriorate at distances between 10 m and the max. specified measuring range.
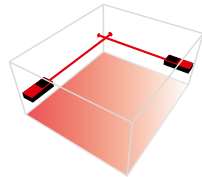*** Use at room temperature.

SOLA

Length measurement
Determination of a simple distance from the set measuring edge of the laser distance finder.
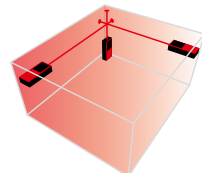
METRON 30 BT	METRON 60 BT	METRON 80 BTC

Area measurement
Automatic calculation of an area by measuring the length and width.
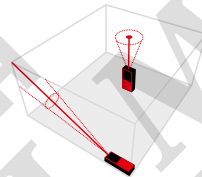
METRON 30 BT	METRON 60 BT	METRON 80 BTC

Volume measurement
Calculation of a volume by measuring the length, width, and height.

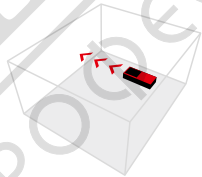| METRON 30 BT	METRON 60 BT	METRON 80 BTC

Min./max. measurement
Determination of a minimum or maximum distance by measuring the shortest distance between two points or the longest distance, e.g., for diagonal measurement.

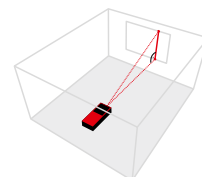| METRON 30 BT	METRON 60 BT	METRON 80 BTC

Continuous measurement
Quick determination of a desired target distance with continuous measurement.

METRON 30 BT	METRON 60 BT	METRON 80 BTC

Indirect 2-point measurement
Determination of an inaccessible distance using two length measurements. One of these measurements is taken at a 90° angle.

METRON 30 BT	METRON 60 BT	METRON 80 BTC

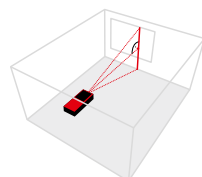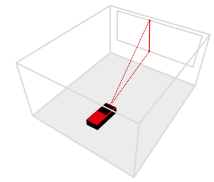## Indirect 3-point measurement
Determination of an inaccessible distance using three length measurements. One of these measurements is taken at a 90° angle.

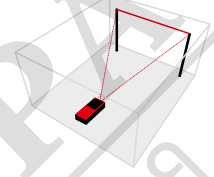| METRON 30 BT	METRON 60 BT	METRON 80 BTC

Indirect measurement via angle
Measuring an indirect, inaccessible height by means of two length measurements. Thanks to the automatic electronic tilt sensor, there is no need for an additional 90° angle measurement.

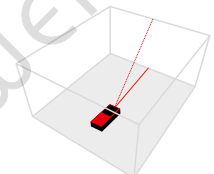| METRON 30 BT	METRON 60 BT	METRON 80 BTC

Indirect distance measurement
Determination of an indirect distance without reaching the stop points. In this case, two length measurements are taken from one position to the respective measuring points.

METRON 30 BT	METRON 60 BT	METRON 80 BTC

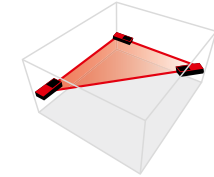## Automatic distance measurement
By means of length measurement, a point in the height is targeted; the corresponding height and distance are automatically calculated using the tilt sensor.

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Triangular area measurement
Calculation of a triangular area by measuring the lengths of the sides.

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Circular area measurement
Calculation of the circular area by measuring the diameter.
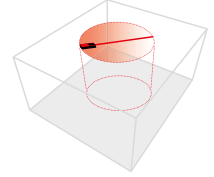
METRON 30 BT	METRON 60 BT	METRON 80 BTC

Cylinder volume measurement
Calculation of a cylinder volume by first measuring the diameter of the circular area and then the height of the cylinder.
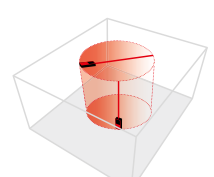
METRON 30 BT	METRON 60 BT	METRON 80 BTC

Stake out function
A certain distance is set in the measuring device. The device displays the current distance and starts to beep as you approach the set distance.

METRON 30 BT	METRON 60 BT	METRON 80 BTC

SOLA Measures

HIGHLIGHTS

› Bluetooth interface for data transfer to compatible SOLA Measures app
› 3-line backlit display for quick reading
› Integrated spirit level for precise measurements
› Soft grip and ergonomic design
› Automatic switch-off
› Compact, lightweight, handy

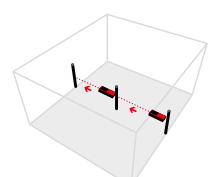| Applications	
Length measurement	■
Area measurement	■
Volume measurement	■
Min./max. measurement	■
Continuous measurement	■
Indirect 2-point measurement	■

1) The integrated vial in the METRON 30 BT is particularly helpful. This ensures that the device is correctly positioned for horizontal measurements. The benefit: more precise measurements.

2) If the METRON is used via Bluetooth with the compatible SOLA Measures app, photos or construction plans can be directly dimensioned and measurements can be saved, managed, and shared.

SOLA Measures

ORDER INFORMATION

Included with delivery

› METRON 30 BT laser distance meter
› 2 x 1.5 V (AAA) batteries
› Belt case
› Strap
› Quick starter

METRON 30 BT	Item no. 71025101
Technical Data	
Measuring range	0.05–30 m*
Accuracy	± 2.0 mm**
Unit of measurement	m, in, ft, ft+in
Laser class	2
Laser type	630–670 nm < 1 mW
Protection class	IP54
Automatic power off, laser	45 s
Automatic power off, device	180 s
Operating time	up to 5,000 measurements***
Battery type	2 x 1.5 V (AAA) batteries
Operating temperature	0 °C to 40 °C
Storage temperature	-20 °C to 60 °C
Dimensions (H × W × D)	105 x 47 x 27 mm
Weight with batteries	100 g

* Depending on conditions at work site.
** Accurate from 0.05–10 m. The maximum tolerance of 0.1 mm/m may deteriorate at distances between 10 m and 30 m.
*** Use at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses, red LB RED	Item no. 71124501
Magnetic target plate ZS RED	Item no. 71126401

Further information on accessories can be found at **www.sola.at**

SOLA Measures

HIGHLIGHTS

> Bluetooth interface for data transfer to compatible SOLA Measures app
> Fold-out end piece for measuring from the outer edges
> 1/4" thread for fastening on 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 2-point measurement	■
Indirect 3-point measurement	■
Addition/subtraction	■
Measurement memory	■

1) The end piece of the METRON 60 BT can be folded out at an angle of 90° and serves as a stop aid for measurements from outer edges.

2) If the METRON is used via Bluetooth with the compatible SOLA Measures app, photos or construction plans can be directly dimensioned and measurements can be saved, managed, and shared.

SOLA Measures

ORDER INFORMATION

Included with delivery
> METRON 60 BT laser distance meter
> 3.7 V Li-ion battery (850 mAh)
> USB charging cable
> Belt case
> Strap
> Quick starter

METRON 60 BT	Item no. 71027101

Technical Data

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
Automatic power off, laser	45 s
Automatic power off, device	180 s
Operating time	up to 5,000 measurements***
Battery type	3.7 V Li-ion battery (850 mAh)
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 conditions at work site.
** Accurate from 0.05–10 m. The maximum tolerance of 0.1 mm/m may deteriorate at distances between 10 m and 60 m.
*** Use at room temperature.

OPTIONAL ACCESSORIES

Laser visibility glasses, red LB RED	**Item no. 71124501**
Magnetic target plate ZS RED	**Item no. 71126401**
Compact tripod FST	**Item no. 71121701**
Inclination adapter NK1	**Item no. 71128501**
MST mini tripod	**Item no. 71121901**

Further information on accessories can be found at **www.sola.at**

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METRON 80 BTC
PRODUCT DETAILS

SOLA Measures

HIGHLIGHTS

- 4-line illuminated, rotating color display
- Bluetooth interface for data transfer to compatible SOLA Measures app
- Pointfinder camera with 2x and 4x zoom for precise measurements
- Tilt sensor for leveling and angle measurement
- 1/4" thread for fastening on tripod
- Self-timer

Applications	
Length measurement	■
Area measurement	■
Volume measurement	■
Min./max. measurement	■
Continuous measurement	■
Indirect 3-point measurement	■
Indirect 2-point measurement	■
Addition/subtraction	■
Measurement memory	■
Indirect measurement via angle	■
Indirect distance measurement	■
Automatic distance measurement	■
Triangular area measurement	■
Circular area measurement	■
Cylinder volume measurement	■
Stake out function	■

1) The pointfinder camera with 2x and 4x zoom clearly shows the measuring point and the optical target point shown on the display lets you precisely target the object.

2) If the METRON is used via Bluetooth with the compatible SOLA Measures app, photos or construction plans can be directly dimensioned and measurements can be saved, managed, and shared.

ORDER INFORMATION

Included with delivery

- METRON 80 BTC laser distance meter
- 3 x 1.2 V Ni-Mh battery (3 x 850 mAh)
- Belt case
- Charging/data cable
- Strap
- Quick starter

METRON 80 BTC	Item no. 71029101

Technical Data

Measuring range	0.05–80 m*
Accuracy	± 1.5 mm**
Unit of measurement	m, in, ft, ft+in
Laser class	2
Laser type	630–670 nm < 1 mW
Protection class	IP65
Automatic power off, laser	45 s
Automatic power off, device	180 s
Operating time	up to 5,000 measurements***
Battery type	3 x 1.2 V Ni-Mh battery
Operating temperature	0 °C to 40 °C
Storage temperature	-20 °C to 60 °C
Dimensions (H × W × D)	115 x 49 x 26 mm
Weight with batteries	150 g

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OPTIONAL ACCESSORIES

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