

METRON 120 BTC

Laser distance meter



Professional device with pointfinder camera.

The METRON 120 BTC offers comprehensive functions for precise measurements. With a range of up to 120 m and 17 measuring functions, including area and volume measurements as well as indirect measurements, the device is extremely versatile. For long distances or difficult visibility conditions, it has a pointfinder camera with 2x and 4x zoom, which displays the measured value in real time. Measured values can be conveniently transferred directly to the SOLA Measures app on your smartphone via Bluetooth.

Highlights

- Range 0.05 to 120 m
- 17 measuring functions including area and volume measurement and indirect measurements
- Measurement memory for up to 1,000 measured values
- Bluetooth interface for wireless data transfer from the METRON to the free SOLA Measures app on your smartphone
- Pointfinder camera with 2x and 4x zoom and display of the measured value in real time
- Tilt sensor for leveling and angle measurement
- Timer: countdown timer for self-triggering the simple length measurement
- 1/4" thread for fastening on tripod
- 4-line illuminated, rotating color display
- Automatic switch-off
- Rechargeable batteries via USB or inductively on an available charging station
- Protection class IP65



The METRON 120 BTC facilitates measurements over long distances thanks to its integrated camera with 2x and 4x zoom and displays the measured value in real time.

The SOLA Measures app records and saves measurements directly on site. Measured values can be plotted on photos and shared directly.



Order information METRON 120 BTC
(item no. 71029501, EAN 9002719045229)

Delivery contents

- METRON 120 BTC laser distance meter
- Charging/data cable
- 3 x 1.2 V Ni-Mh rechargeable batteries (3 x 850 mAh)
- Belt pouch
- Strap
- Quick start



Technical data

Usage area	0.05 to 120 m*
Measuring tolerance	±1.5 mm**
Units of measure	mm, m, in, in+ft, ft
Laser class	2
Laser type	630–670 nm < 1 mW
Automatic power off, laser	30 s
Automatic power off, device	180 s
Protection class	IP65
Operating time	< 5,000 measurements***
Power supply	3 x 1.2 V Ni-Mh rechargeable batteries
Operating temperature	0 to +40 °C
Storage temperature	-20 to +60 °C
Dimensions (H x W x D)	130 x 54 x 28 mm
Weight with batteries	190 g
Measurement memory	1–1000

* Depending on conditions at work site.
 ** Measuring tolerance from 0.05 to 10 m. The maximum tolerance of 0.1 mm/m may deteriorate at distances between 10 m and 120 m.
 *** Use at room temperature.

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
- 3-point trapezoidal measurement
- 2-point trapezoidal measurement
- Addition/subtraction