

Remarkably precise – even when used outdoors: **The first Bosch laser measure with camera** Increased efficiency thanks to connectivity

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- ▶ Digital precision over large distances thanks to viewfinder with zoom function
- ▶ Rapid detection, documentation and remote control via Measuring Master App
- ▶ Optimal readability thanks to large color display with robust protective screen

The measurement of lengths, areas, volumes and inclines will be even easier and more efficient thanks to the new GLM 120 C Professional laser measure from Bosch. The tool is ideal for all trades that rely upon fast and precise measurements indoors and, in particular, outdoors – from painters, plasterers and landscape gardeners, through to architects. Previously, it was difficult to precisely identify the laser point of a laser measure in bright environments or over long distances. This is where the new GLM 120 C Professional comes into play: It is the first laser measure from Bosch to come with an integrated camera. Users can use this and the cross-hair on the display to precisely aim for the target point – and, as a result, they can also precisely measure over large distances of up to 120 meters. The camera has a resolution of five megapixels, works with a three-stage zoom, saves up to 700 images and shows the last 50 images, along with the measured values, in the display. This means that each individual measurement can be assigned.

Bluetooth interface for processing the data

Thanks to the Bluetooth interface, the measured values can be transferred directly to the [Measuring Master App](#) and be further processed. This means that, for example, you can share measured data with colleagues, carry out material calculations, or create and adjust floor plans. Furthermore, the app is used as a remote control for the GLM 120 C Professional, meaning that measurements can be taken without blurring and without requiring any assistance from colleagues. The Measuring Master App is available to download for free from the Apple App Store and Google Play Store. In addition, a Micro-USB interface means that the internal memory can be read on the PC as a CSV list and JPEG.

Simple operation minimizes application errors

The GLM 120 C Professional focuses on simple operation using the selection wheel, as was the case with the GLM 50 C Professional. The functions that can be selected include, for example, the stake-out function, with which you can very quickly measure and mark equal distances. The tool also features a 360° tilt sensor and, therefore, can also be used to measure inclines and as a digital spirit level. Furthermore, you can switch the GLM 120 C Professional on or off using an additional measurement button on the side, and trigger the measuring process so that you can guarantee comfortable and flexible handling in any environment. The newly integrated user guidance offers tradespeople help in the form of text and animations, right from the first time they use the tool. The automatic detection of the measuring pin is also new: The tool detects when the pin is fully extended, for example for measurements out of a corner. In this case, users do not have to manually switch the reference – they only have to confirm this. This minimizes measurement errors.

Easy-to-read color display with robust protective screen

Users can read and check the last four measurements and the current measurement result on the 2.8 inch color display during the measurement. The color display rotates automatically (as with smartphones), allowing the user to easily read off values in any situation and at any incline. The same display technology is also used: The LCD module is firmly attached to the glass surface, meaning that the light is not broken in the space and is not reflected. In addition, the display can be easily viewed from every perspective – even from the side. This means that it is easier to read, in contrast to traditional laser measures, particularly when used outdoors. Thanks to the robust protective screen, the GLM 120 C Professional can withstand any use on the construction site.

The GLM 120 C Professional is available from May 2018. All prices are recommended retail prices excluding VAT. Subject to change.

Specifications	GLM 120 C Professional (replaces the GLM 100 C Professional and GLM 150 Professional)
Measuring range	0.08 – 120 m
Typical measuring accuracy	± 1.5 mm
Tilt sensor range	360° (4 x 90°)
Measurement accuracy for inclines	0.2°
Laser class	2
Memory	<ul style="list-style-type: none"> • Approx. 700 images • The last 50 images, incl. relevant list of measured values
Power supply	Integrated 3.6 V lithium-ion battery
Dust and splash protection	IP 54
Dimensions (height x width x depth)	<ul style="list-style-type: none"> • 142 x 64 x 28 without measuring pin • 176 x 64 x 28 with measuring pin
Weight	0.21 kg
Scope of delivery/Recommended retail price excluding VAT	Tool incl. protective case: €269

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