



New Sectioning Feature and More in Gocator Firmware 4.4

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Gocator Firmware 4.4 is now available for free download. The new Firmware introduces several features that expand Gocator's measurement capabilities and offline support.

Major Developments in Firmware 4.4

Sectioning for simultaneous cross-section and surface measurements in one scan

In addition to measuring features on a 3D surface with surface tools, you can now extract multiple cross-sections from the 3D surface. You can then use Gocator's built-in profile measurement tools on each section independently for accurate dimensioning.

Sectioning is designed to work seamlessly with part matching. With part matching enabled, Gocator can repeatedly extract cross-sections from the same location on each part, even when each part is scanned at a different orientation or position.

Point-to-point distance, surface curvature, radius gap and flush, and intersection measurements can now all be measured with a single snapshot and one job configuration.

You can watch the Sectioning tutorial video [here](#).

Emulator — Virtual Gocator and protocol simulator on your PC

Emulator simulates a standalone or dual-sensor Gocator system on a PC. You can use it to reproduce the exact scenario in the field, simulate measurement results from pre-recorded data, or even simulate output to speed up your application development.

Recording filtering

With recording filtering, you can specify the criteria under which frames will be recorded with the Gocator recording functionality. This allows you to focus only on the frames that matter to you. For example, you can record only the frames where a specific measurement fails, excluding hundreds of other frames that don't require your attention.

Surface Dimension tool and other tool improvements

The new Surface Dimension tool simplifies making a measurement between two points on a surface. Previously, two Surface Position tools and a script were required. This tool uses two regions with various feature settings and provides measurements between the two points.

Various improvements have also been made to other tools to increase robustness and handle a wider range of situations.

Firmware 4.4 now available for free download

Gocator firmware 4.4 is officially available for free download for all Gocator users. The firmware 4.4



files, release notes, SDK files, and user manual will also be made available at that time and can be downloaded from lmi3d.com/support/downloads. Furthermore, you will be able to download the firmware from the Gocator interface. To learn more about the latest Gocator Firmware, please visit lmi3d.com/products/gocator/firmware.