GOM FOR EDUCATION

Get Started with GOM Technology

GOM for Education is a package for theoretical and practical teaching at schools, higher education institutes and universities. The educational package includes industrial hardware and software for 3D scanning and inspection applications as well as ready-to-use laboratory experiments and lecture material with detailed background information.

Experience the Power of 3D Scanning

Get your professional equipment as it is used in practice.

Professional Hardware

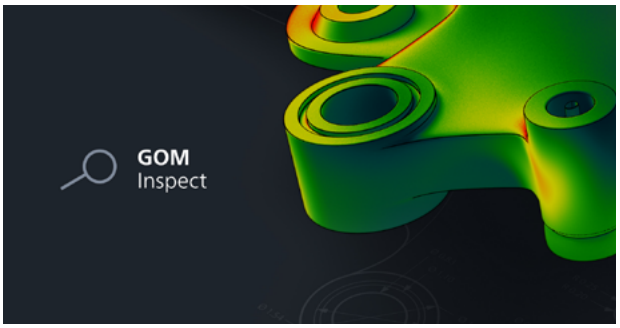
GOM for Education offers a set-up that meets industry standards: The 3D scanner GOM Scan 1 with a desk stand, an image processing computer and sensor driver.

More info ›

Inspection Software

GOM Inspect: State-of-the-art inspection software for complete mesh processing, 3D inspection and reporting. Software users have access to manuals and video tutorials that explain the software step-by-step.

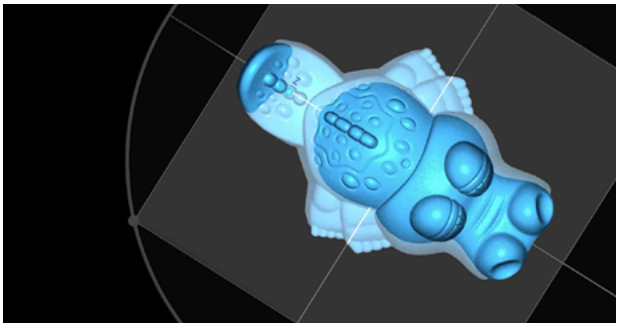
More info ›



Reverse Engineering Software

GOM for Education includes ZEISS Reverse Engineering: a software solution that makes reverse engineering much easier. It just takes a few well guided steps to achieve a high-precision CAD model that can be exported to standard CAD formats.

More info ›



Lab Experiments and Lecture Material

The material that completes the GOM for Education package will enable you to to teach 3D scanning with high data quality, mesh processing and data export for applications such as surface reconstruction and rapid prototyping. You can demonstrate the entire inspection workflow: alignment strategies, nominal/actual comparison, GD&T, inspection sections, measuring reports and export.

Technical Data
GOM Scan 1

Different applications have different requirements. GOM Scan 1 is available in three versions with the measuring volumes: MV 100, MV 200 and MV 400. With all three sensors you can rely on high-precision measurements for small to medium-sized objects.

	GOM Scan 1 (100)	**GOM Scan 1 (200)**	**GOM Scan 1 (400)**
Points per scan	6 million	6 million	6 million
Point distance	0.037 mm	0.060 mm	0.129 mm
Measuring area	100×65 mm²	200×125 mm²	400×250 mm²
Working distance	400 mm	450 mm	500 mm
Light source	LED	LED	LED
Weight	approx. 2,5 kg	approx. 2,5 kg	approx. 2,5 kg
Dimensions	290×215×80 mm³	290×215×80 mm³	290×215×80 mm³
Cable length	5 m	5 m	5 m
Connection	USB 3	USB 3	USB 3
Operating system	Windows 10	Windows 10	Windows 10
Software	GOM Inspect	GOM Inspect	GOM Inspect

Contact us!

You want to know if GOM offers the right solution for your application? Request more information or a free demo – digital or onsite.

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