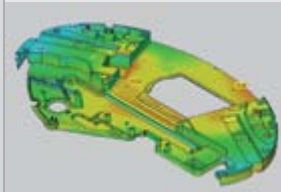


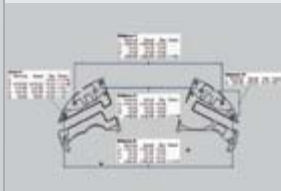
Data Import



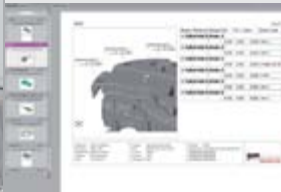
3D Mesh Processing



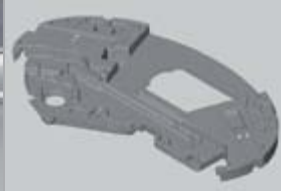
3D Inspection Tools



2D Analysis



Comprehensive Reporting



Data Export

## Complete workflow in one software package

### Data Import

- View any point cloud and GOM ATOS data
- Import standard CAD formats (IGES, STEP, ASCII, ...)
- Convert any point cloud or CAD data into mesh data

### 3D Mesh Processing

- Smoothing meshes
- Thinning meshes
- Hole filling in meshes
- Refinement of meshes

### 3D Inspection Tools

- Multiple Alignments: Automatic pre-alignment, RPS, 3-2-1, plane-line-point, best-fit, ...
- CAD comparison: surface, sections, points, ...
- CAD-based primitive generation

### 2D Analysis

- 2D section-based analysis
- 2D Inspection functions: dimensions, virtual calipers, angles, diameters, ...
- GD&T analysis based on ISO and ASME standards

### Comprehensive Reporting

- Screenshots, measurement plans
- Tables, PDFs, ...

### Data Export

- Export any 3D data in open STL or ASCII formats



Free download at [www.gom.com](http://www.gom.com)

GOM Inspect offers free access to 3D data processing for everyone and thousands of users have already downloaded the GOM Inspect software for mesh processing and inspection.

To download a copy of GOM Inspect or to register for a GOM Inspect Introduction Seminar in your region visit [www.gom.com](http://www.gom.com)

GOM is a global industrial partner with over 20 years' experience in 3D coordinate measurement, material and component testing, quality control and analysis, digital image processing.

All over the world, companies from the automotive, aviation and space industries, their suppliers and various manufacturers of consumer goods as well as research facilities use GOM systems.

GOM has over 45 partner offices worldwide, for more information about your local GOM partner please visit [www.gom.com](http://www.gom.com).



**GOM mbH**  
Mittelweg 7-8  
38106 Braunschweig  
Germany  
Tel +49 531 390 29 0  
Fax +49 531 390 29 15  
info@gom.com

**GOM International AG**  
Bremgarterstrasse 89B  
8967 Widen  
Switzerland  
Tel +41 5 66 31 04 04  
Fax +41 5 66 31 04 07  
international@gom.com

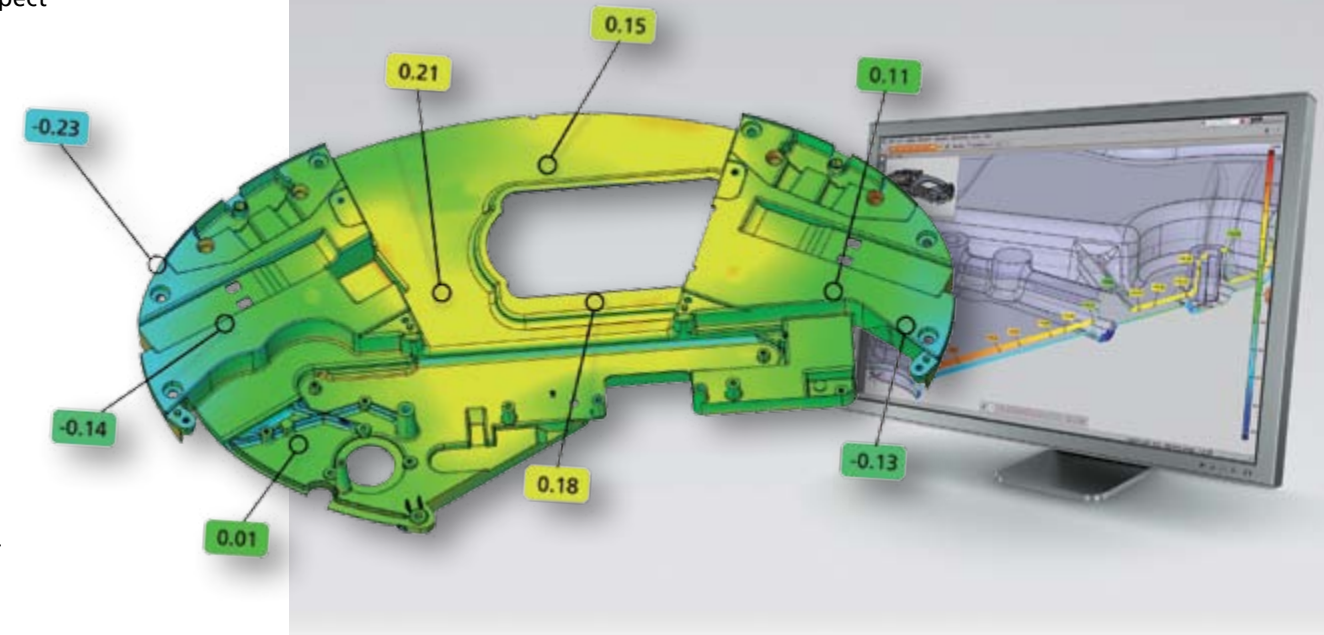
**GOM UK Ltd**  
Unit 14 The Cobalt Centre  
Coventry, CV3 4PE  
United Kingdom  
Tel +44 2476 639920  
Fax +44 2476 516990  
info-uk@gom.com

**GOM France SAS**  
10 Quai de la Borde  
91130 Ris Orangis  
France  
Tel +33 1 60 47 90 50  
Fax +33 1 69 06 63 60  
info-france@gom.com

**GOM Branch Benelux**  
Interleuvenlaan 15 F  
3001 Leuven  
Belgium  
Tel +32 16 408 034  
Fax +32 16 408 734  
info-benelux@gom.com

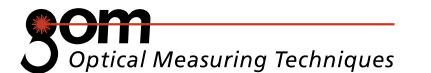
**GOM Italia Srl**  
Via della Resistenza 121/A  
20090 Buccinasco (MI)  
Italien  
Tel +39 02 457 01 564  
Fax +39 02 457 12 801  
info-italia@gom.com

[www.gom.com](http://www.gom.com)



## Free Software for Inspection and Mesh Processing

Extensive, certified inspection tools  
Polygon mesh generation and processing  
3D point cloud viewer



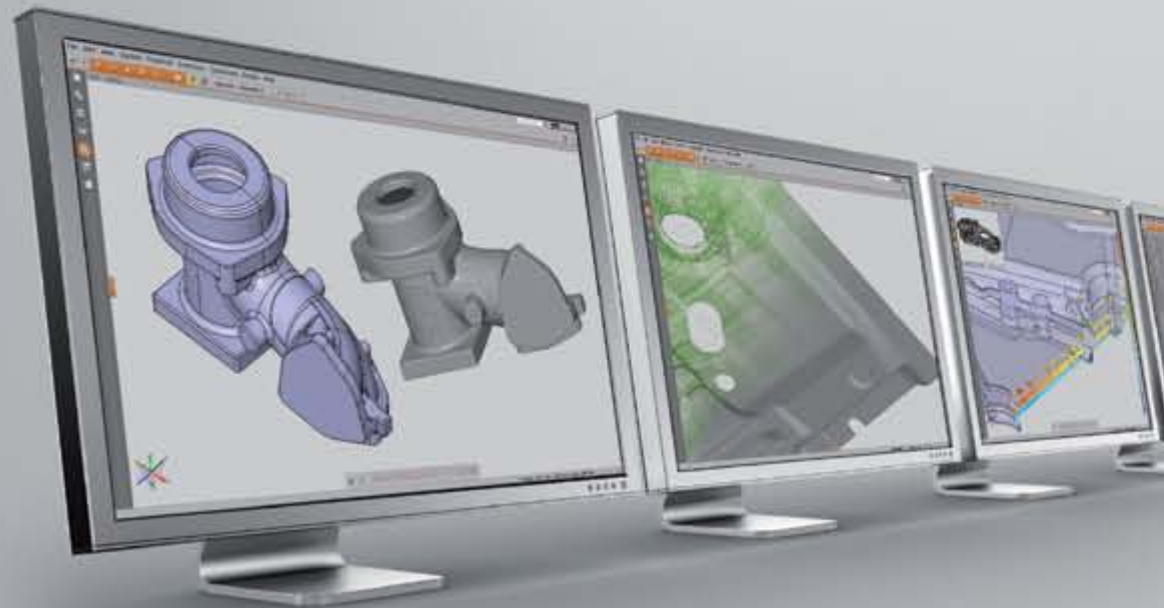


## Free Inspection Software

GOM Inspect is a free 3D inspection and mesh processing software for dimensional analysis of 3D point clouds from white light scanners, laser scanners, CTs and other sources.

GOM Inspect automatically converts point cloud data or CAD data into high quality 3D mesh data and offers extensive post-processing functionalities.

The software offers all functions for professional shape & dimension inspection of 3D coordinate data. It guides the user from point cloud to inspection report in one software package.

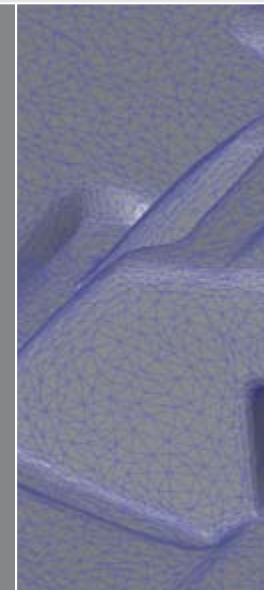


## Polygon Mesh Generation and Processing

The free version is designed for users who view, process and evaluate 3D point cloud data.

GOM Inspect automatically converts any point cloud data from white light scanners, laser scanners, CTs and other sources or CAD data into high quality 3D mesh data and offers extensive post-processing functionalities including hole-filling, thinning, smoothing, etc.

GOM Inspect enables users to process point clouds and polygon meshes for rapid prototyping, CAD/CAM and simulations.

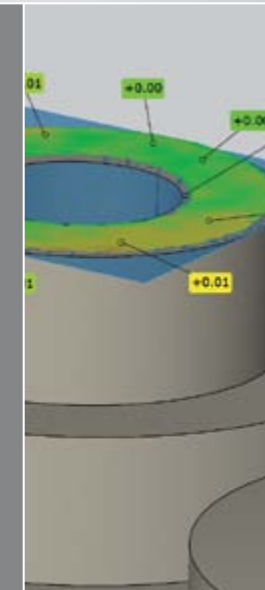


## 3D Point Cloud Viewer

Full-field measuring data allows for an easy understanding of problematic areas and a faster finding of possible solutions.

GOM Inspect is available for customers and colleagues to review the measurement results, to perform further analysis and to support the interaction between measurement, analysis, construction and development departments.

All GOM Inspect data sets are completely interoperable with GOM Inspect Professional and ATOS Professional.

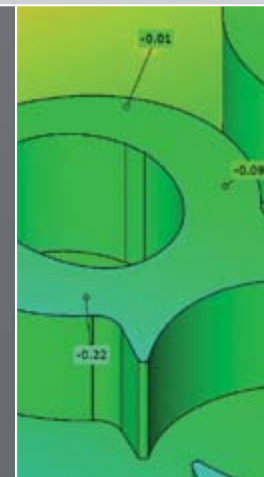


## Extensive, Certified Inspection Tools

GOM Inspect contains all evaluation tools for an extensive analysis of parts and components.

GOM Inspect is independently tested and certified by German and American national measurement laboratories (PTB, NIST).

The accuracy of the evaluation software is verified by comparing the results obtained from the software with reference results. GOM Inspect has been placed in class 1, the class of the smallest deviations.



## Individual Learning Concept

All users of GOM Inspect have free access to written step-by-step tutorials and training movies. A knowledge database and sample data are also available direct from the software or GOM's support website.

The GOM Inspect Community is further supported with the GOM Forum. The forum offers the ideal place to discuss issues, quickly find solutions to problems and exchange experiences with other software users.

In addition, GOM Inspect Introduction Seminars are available, offering users easy and quick access to learning the software.

