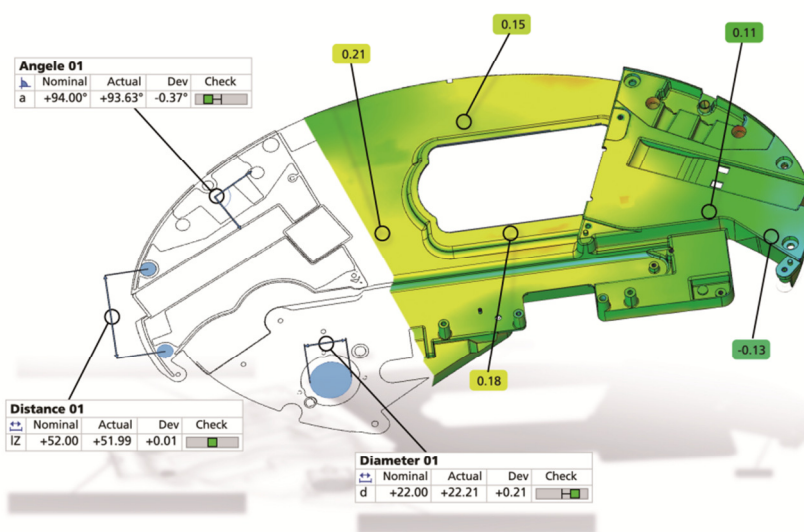
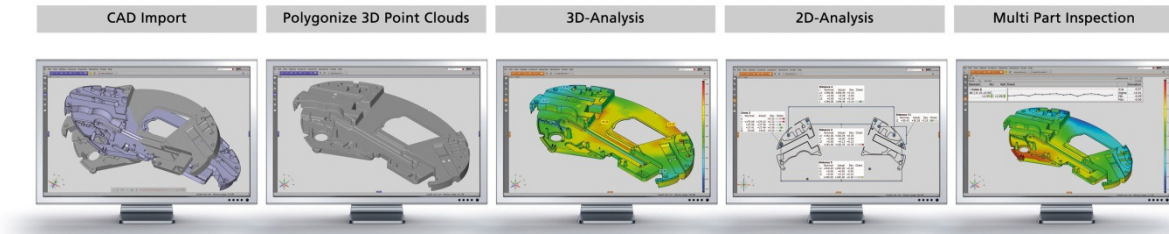


GOM Inspect Fact Sheet

GOM Inspect Software Features



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.

- CAD Import: IGES, STEP, JT-Open,...
- Alignments: Automatic pre-alignment, RPS, 3-2-1, plane-line-point, best-fit and hierarchical alignments
- CAD comparison: surface, sections, points,...
- CAD-based primitive generation: lines, planes, circles, cylinders, cones,...
- 2D section-based analysis
- Inspection functions: dimensions, virtual callipers, angles, diameters,...
- GD&T analysis based on ISO 1101 and ASME Y14.5 standards
- Reporting: screenshots, tables, PDFs,...

Polygon mesh generation and processing

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



- Import of point clouds: STL, ASCII,...
- Polygonizing point clouds to meshes
- smoothing meshes
- thinning meshes
- hole filling in meshes
- refinement of meshes
- extracting curvature lines from meshes
- Export as STL, ASCII, ...

Free result viewer

Full-field measuring data allows for an easy understanding of problematic areas and a faster finding of possible solutions. To support the interaction between measurement, analysis, construction and development department, all data created in GOM Inspect Professional and ATOS Professional is bundled in one single file. GOM Inspect is available for customers and colleagues to review the measurement results and to perform further analysis.

All GOM Inspect, GOM Inspect Professional and ATOS Professional data sets are completely inter-compatible with each other.

Compare GOM Inspect and GOM Inspect Professional

		
Import/Export measurement data (ASCII, STL, PSL ...)	✓	✓
Polygonize ATOS data	✗	✓
Polygonize scanner data (Laser scanner, CTs, White Light Scanners, ...)	✓	✓
Mesh processing	✓	✓
CAD-Import Basis (IGES, STEP, ...)	✓	✓
CAD-Import Native (CATIA, UG, Pro/E)	✗	✓
Inspection	✓	✓
Reporting	✓	✓
Traceability	✓	✓
Macros	✗	✓
Templates	✗	✓
Parametric Inspection	✗	✓
Teaching by doing	✗	✓
Import native inspection plan (XSLT)	✗	✓

Documentation and Support

Inspection tutorials, an extensive knowledge base and sample data are available directly within the software for all GOM Inspect users or at <https://support.gom.com>.



Download your free copy of GOM Inspect

(link download to <http://www.gom.com/download.html>)