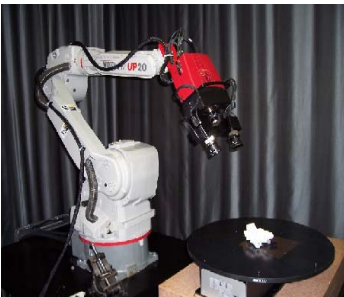
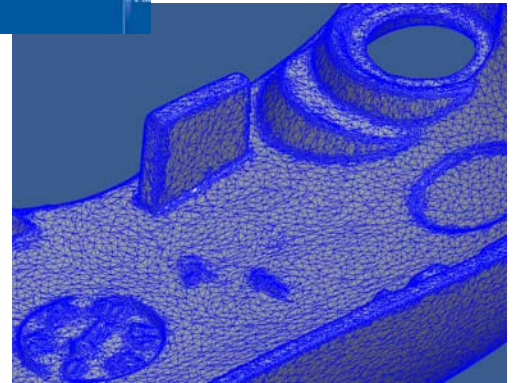




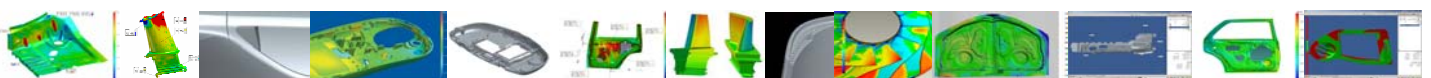
From high quality scanned point clouds to accurate and smooth polygonal models — the ATOS 3D digitizer provides a new approach to inspection.

- Digitizing design iterations
- 1<sup>st</sup> article inspection
- As manufactured vs. as designed
- Molded part inspection
- Digital assembly
- Reduced use and cost of fixtures
- Root cause analysis
- Digital part archiving for first part retention rules



DMS is an industry leader for their accurate measurement of your parts. As one of the largest A2LA certified independent metrology labs, we inspect an incredibly broad range of parts with a combination of hard probe CMM's, vision system, Faro arms, laser scanners and now a robot or portable tripod mounted ATOS 3D digitizer. Dynamic's dimensional engineering expertise enables you to evaluate which parts and tolerances are the major contributors that influence your product's quality and cost.

Additional technical information can be seen at the GOM Inc. - ATOS website:  
<http://www.gom.com/EN/measuring.systems/atos/system/system.html>



## ▶ 3D Scanning and Digitizing Applications

### ***Engineering Documentation***

- Digital Part Archiving
- Digital Tool Archiving
- Prototype Documentation
- Reverse Engineering

### ***Engineering Analysis***

- As Manufactured vs As Designed Evaluation
- Digital Assembly
- Thorough Pre Test vs Post Test Evaluations
- Multiple Alignment and Comparison Options

### ***Part Inspection and Measurement***

- Full Part Comparison to CAD
- Traditional Metrology Reporting
- New Options for Reporting

## ▶ 3D Scanning and Digitizing Outputs

### ***STL/IGES***

- Polygonized STL Files
- IGES sections
- Other formats as needed

### ***Scan Overlays***

- Part vs CAD overlay
- Pre Test vs Post Test overlay
- Multiple Overlay Options

### ***Dimensional Data and Reporting***

- Color field part comparison to tolerance data
- Dimensional Reporting