

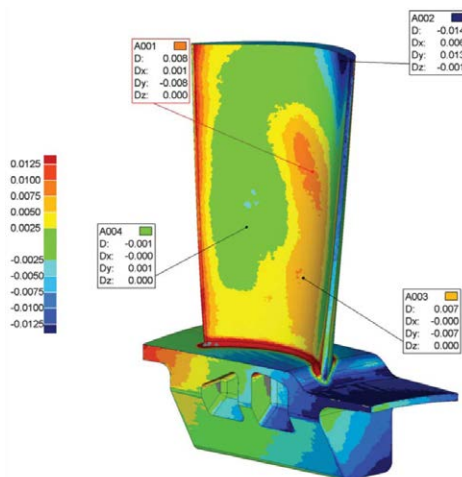
ShapeGrabber® 3D Laser Scanners are Ideal for the Complete Inspection of Complex Parts

Are you spending hours measuring complex parts? Precision metal castings are used extensively in the aerospace industry, particularly as jet engine components.

These parts can be manufactured to very complex shapes that optimize performance and weight, while exhibiting great strength and resistance to extreme heat. Their complex shapes, however, make metal castings some of the most difficult to measure for control to dimensional specifications.

Checking such complex parts using a few sample points collected with a caliper or even a CMM is time consuming and doesn't provide a complete inspection. ShapeGrabber 3D laser scanners speed up the inspection process while providing additional data.

- 3D scans allow rigorous quality control measurement to be applied to precision metal castings.
- Millions of data points can be captured in just a few minutes and represent the true surface geometry.
- Scans can be easily compared directly to CAD models.
- Scan data provides accurate and timely feedback on prototypes, allowing for faster and better part design and process optimization.



With ShapeGrabber 3D scanners, aerospace manufacturers can reduce inspection time (both first article and production) and greatly enhance part coverage.

This increases customer satisfaction by reducing defects and providing proof that specs are met. The reduced inspection time also reduces equipment downtime, material waste, and human inspection error.

ShapeGrabber 3D scanners include a variety of automated, portable, large and small options to accommodate different needs. Contact us today for a quote to improve your inspection process!

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