

Cross-Sectional Scanning delivers 100 percent inspection for thorough assessment of complex molded parts.

Traditional inspection tools may yield an incomplete assessment of injection molded parts. And with a direct correlation of time to measurement points, more data may be impractical or impossible. As the demand for quality heightens, time to market shortens, and designs become increasingly complex, new tools are needed to maintain your competitive advantage and reduce your product costs.

Cross-Sectional Scanning is that tool. This optical inspection technology creates an ultra-dense point cloud that delivers 100 percent inspection and data capture. That's right; every feature—whether internal or external—is fully described.


Cross-Sectional Scanning is the tool for inspection and reverse engineering of components that are intricate, feature-laden or complex; it is also the tool for parts that have inaccessible features; and it can handle most molded materials, even clear plastic. What's more, with automated operation, job templates and advanced color mapping, Cross-Sectional Scanning does more in less time.

To tackle your next project, CGI offers systems, services and software. You can choose from the CSS300, CSS1000 or CSS3000 for in-house inspection and reverse engineering, or you can let the qualified staff at CGI do the work for you. We also offer Spec.Check™, an advanced inspection software application, which enables you to assess part quality days or years after point cloud generation.

How can Cross-Sectional Scanning do all of this? Unlike any other measurement process, it is analogous to rapid prototyping, but in reverse. This means that Cross-Sectional Scanning is insensitive to complexity, captures every feature, replicates sharp corners and runs unattended.

When you need to get the whole picture, please call us at (800) 207-4318, or visit www.CGIinspection.com, to discover all that Cross-Sectional Scanning can do for you.

Sincerely,

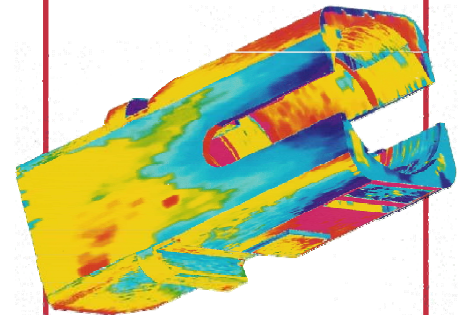


Craig Crump
CEO



APPLICATIONS

- First article inspection
- Failure analysis
- Reverse engineering
- Process qualification



ADVANTAGES

- 100% inspection
- Color mapping
- Complexity independent
- Internal/external features
- Unattended operation