ADAPTIVE CORPORATION

3D Scanning & Measurement

Onsite Services
Adaptive offers worldwide contract measurement services from experienced metrology professionals to ensure every detail of your manufacturing production line are built within design specifications. Our experts arrive at your site equipped with the tools they need to perform a wide range of measurement, engineering, or building/assembly tasks.

After Market Innovations
Many companies look to expand their business by developing “After Market” products to enhance OEM product design, improve on weaknesses of those designs. 3D scanning and reverse engineering are key components to helping quickly determine the viability of new designs and enhancements. Convert scans into CAD files instantly and your project team can begin working through design ideas to support your market. With Adaptive’s services, we can help you reduce your risk and test the market before committing to further investment.

Reverse Engineering Applications
- 3D modeling of objects of all sizes
- Reconstruction from 3D scanning data, probing, 2D drawings, sketches, etc.
- Design modification from actual objects
- Data preparation for digital simulation

Quality Inspection Applications
- First article inspection
- Probing, non-contact and conventional metrology
- Statistical analysis, final acceptance inspection (FAI)
- Machine and fixture measurement/adjustment/alignment
- QC/inspection reports based on the client’s own standards

Complex Surface Inspection
- Non-contact metrology inspection (3D scan-based inspection)
- 3D deformation and deviation analysis
- Wear analysis
- Visual 3D reports, profile deviation color mapping, 2D sections analysis, and boundary analysis

3D Scanning Equipment Ready To Use
With Adaptive’s hand-held 3D scanning tools from Creaform, including HandyScan and HandyProbe, we can bring exacting capabilities to you no matter where you are.

Connect With Us
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