



PolyWorks[®]

By InnovMetric Software Inc.

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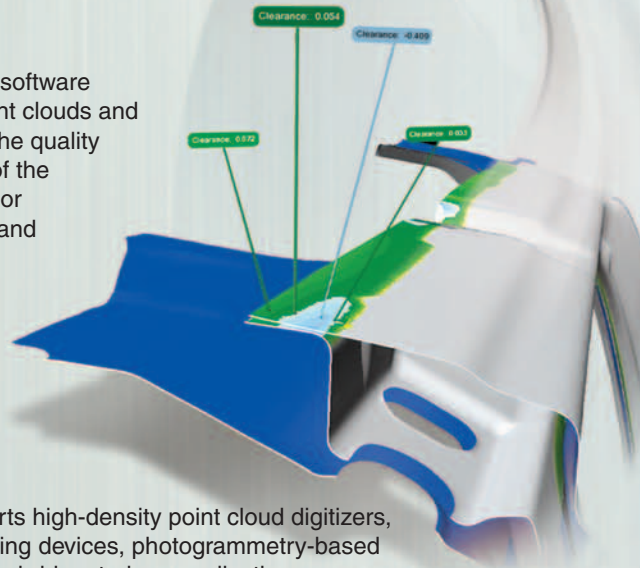


PolyWorks/Inspector™ V10

The Standard Point Cloud Inspection Solution in the Manufacturing Community Worldwide

Overview

PolyWorks/Inspector is a powerful software solution that uses high-density point clouds and contact-probe datasets to control the quality of parts and tools at every phase of the manufacturing process. Today, major automotive and aeronautic OEMs and tier-one suppliers worldwide use PolyWorks/Inspector as their standard point cloud inspection software for prototype, first-article, manufactured, and assembled parts inspection.



Key Features

- **Universal platform** that supports high-density point cloud digitizers, arm-based and hand-held probing devices, photogrammetry-based devices, and laser trackers for hybrid metrology applications
- **Xtreme graphical user interface** that offers visual layout optimization capabilities including fully customizable menus and toolbars, ideal for corporate-wide deployment
- Powerful set of **data-to-CAD alignment techniques** that include constrained best-fit, feature-based, reference point, flush and gap, and more
- Widest range of **comparison and measurement tools** on the market for a complete analysis of surface and cross-sectional deviations, feature dimensions and GD&T controls, flush and gap, profile radius, airfoil dimensions, clearance, thickness, and more
- **Embedded SmartGD&T™ technology** from Multi Metrics
- **Extended report capabilities** including customizable report layouts, automatic report generation, and export to Adobe PDF
- **Total automation capabilities** and increased individual productivity through a user-friendly macro-programming language
- **Free PolyWorks/IMView™ viewer** that maximizes corporate-wide information sharing among users, managers, and suppliers
- **Native 64-bit version** available for unlimited memory usage

Included With Each License

- Free PolyWorks training at InnovMetric's headquarters
- One year of technical support from highly-skilled Application Specialists with optional annual renewals
- Access to InnovMetric's on-line technical support zone
- Access to a comprehensive network of partners that provide PolyWorks service work (e.g., macro development and interface customization)

Primary Industries Served

- Automotive
- Aerospace
- Consumer Goods
- Energy
- Metalworking

Primary Applications

- Assembled Part Inspection
- First-article Inspection
- Metal Casting
- Plastic Molding Inspection
- Prototype Part Inspection
- Sheet Metal Inspection
- Tooling Inspection

Supported Languages

- English
- Japanese
- German
- French
- Chinese (Simplified & Traditional)
- Spanish
- Italian

CAD Formats Supported

- IGES
- STEP
- CATIA V4 and V5
- UG
- Pro/E
- Inventor
- SolidWorks
- VDA-FS

System Requirements

- Windows 32-bit Edition (XP/2000/Vista) or Windows 64-bit Edition (XP/Vista)
- Dual-core processor or two processors
- 2 GB of RAM or more
- 2 GB of free disk space and 2 GB of swap space
- OpenGL graphics board (NVIDIA is recommended)
- 3-button mouse or 2-button with wheel