HIGH QA
HIGH QUALITY AUTOMATION

3D MBD

Manufacturing quality engineers have traditionally used 2D drawings throughout the planning and inspection process. With the rise of Quality 4.0, many companies now expect their suppliers to use a 3D Model-Based Definition (MBD) workflow.

That's why High QA has made it simple to incorporate 3D models in your quality process.

- Intelligently extract, modify, and manage GD&T and PMI from native 3D MBD models

- Gain understanding and clarity of 3D model PMI and annotated data

- Streamline and automate quality processes from ballooning to planning to final reports

Inspection Manager easily integrates 3D MBD into your manufacturing quality workflow

Features and Benefits

- Automatically extract and balloon PMI data when file is opened
- View and use CAD data without CAD seats
- Supports Catia, Creo, NX, SOLIDWORKS, Autodesk and other CAD formats.
- GD&T and PMI data is intelligently cleaned
- Use 3D model directly in other Inspection Manager processes

- Rapidly create inspection plans
- Show, suppress or hide PMI annotation as needed
- Drag-and-drop technology relocates PMI data into essential views
- Convert 3D model to STEP or 3D PDF files
- Generate AS9102 FAI, PPAP and custom inspection reports

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Link To The Future