

## Tooling Inspection & Analysis System



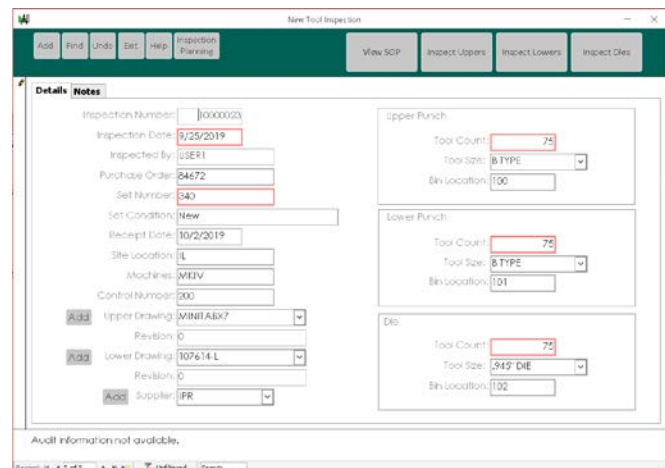
**TIAS System –  
Improving Tooling Inspection One Tool at a Time  
with Patent Pending Automatic Measurement of  
Single & Multi-Tip Punches**

### Features

- **Highlights**
- Robust and Proven Design
- User Friendly, Feature Rich
- Configurable Modular System
- Supports Multiple Measurement Devices
- True Client-Server Architecture
- Network Compatible with Multi-User Access
- Windows 7 or 10
  
- **Security**
- 21 CFR Part 11 Compliant
- Audit Trail
- Multi-Level Security Access
- Configurable Security Options
  
- **Hardware Features**
- Non-Contact Laser Measurement for Working Length
- Indicator Measurement for Overall Length & Barrel Diameter
- Video Microscope for Visual Inspection & Alignment
- PLC, Linear Motors, Drives, and Precision Guides
- Concentricity Fixture (Optional)
- Die Fixture (Optional)
- Handheld Measuring Devices (Optional)
  
- **Software Features**
- Inspection Forms for New & Used Tooling
- Inspection Planning
- Tablet Drawing Management
- Inventory Management
- Tool Set Management
- Tool Matching
- Inspection Report
- Set Usage Report
- Tool Matching Report
- Tool Variance Report
- Inventory Report
- Database Storage
- Data Export

### Your Benefits

- **Increase Productivity**
- Reduce the Labor intensive process of measuring and recording tablet tooling measurements
- Improve Planning of tooling procurement requirements
- Improve Tooling Vendor Performance and Quality
- Unparalleled Productivity with One Touch automatic Measurement using state-of-the-art tip alignment technology
- Improved Performance using linear motors and precision guides
  
- **Improve Quality**
- Provide Traceability throughout the Tablet Tooling Lifecycle
- Improve Quality Assurance of Tablet Production Department
- Improve Management and Organization of Tablet Compression Tooling
- Greater accuracy by referencing punch barrel for precise



The screenshot shows the 'New Tool Inspection' software interface. It features a menu bar with 'Add', 'Find', 'Units', 'Exit', 'Help', and 'Inspection Planning'. Below the menu are buttons for 'View SOP', 'Inspect Uppers', 'Inspect Lower', and 'Inspect Dies'. The main area is divided into 'Details' and 'Notes' tabs. The 'Details' tab contains a form with the following fields:

- Inspection Number: J0000023
- Inspection Date: 9/25/2019
- Inspected By: USER1
- Purchase Order: 84672
- Set Number: 540
- Set Condition: New
- Receipt Date: 10/2/2019
- Site Location: IL
- Machines: M10V
- Control Number: 200
- Upper Drawing: MINI-ABx7
- Lower Drawing: 107614-L
- Supplier: IPR

On the right side, there are three sections for tool counts and specifications:

- Upper Punch:** Tool Count: 72, Tool Size: 8 TYPE, Bin Location: 100
- Lower Punch:** Tool Count: 72, Tool Size: 8 TYPE, Bin Location: 101
- Die:** Tool Count: 72, Tool Size: 545' DIE, Bin Location: 102

At the bottom, there is a status bar showing 'Audit information not available.' and 'Items: 1 of 3'.

### TIAS Inspection Screen