

## Tooling Inspection & Analysis System



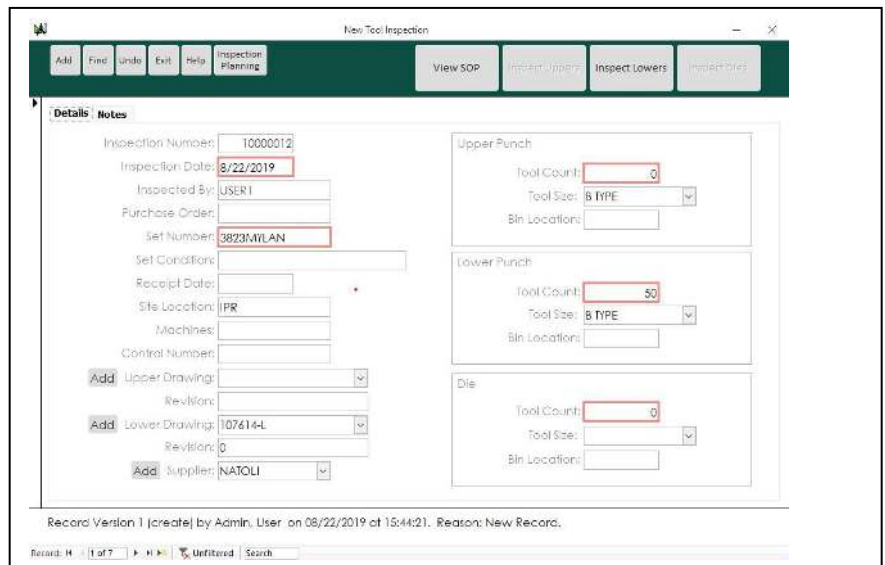
**TIAS System –  
Improving Tooling Inspection One Tool at a Time  
with Patented Automatic Measurement of Single  
& Multi-Tip Punches**

### 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 10 or 11
  
- **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
- Tip Diameter & 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 includes a menu bar with 'Add', 'Find', 'Undo', 'Exit', 'Help', and 'Inspection Planning'. Below the menu are buttons for 'View SOP', 'Inspect Upper', 'Inspect Lower', and 'Inspect Dies'. The main form is divided into 'Details' and 'Notes' sections. The 'Details' section contains fields for:
 

- Inspection Number: 10000012
- Inspection Date: 8/22/2019
- Inspected By: USER1
- Purchase Order: [empty]
- Set Number: 3823MYLAN
- Set Condition: [empty]
- Receipt Date: [empty]
- Site Location: IPR
- Machines: [empty]
- Control Number: [empty]
- Upper Drawing: [empty]
- Lower Drawing: 107614-L
- Supplier: NATOLI

 The 'Notes' section on the right contains three sub-forms:
 

- Upper Punch:** Tool Count: 0, Tool Size: B TYPE, Bin Locations: [empty]
- Lower Punch:** Tool Count: 50, Tool Size: B TYPE, Bin Locations: [empty]
- Die:** Tool Count: 0, Tool Size: [empty], Bin Locations: [empty]

 At the bottom, there is a footer: 'Record: Version 1 (create) by Admin, User on 08/22/2019 at 15:44:21. Reason: New Record.' and a search bar.

**TIAS Inspection Screen**