



Six Sigma Quality

Achieve Six Sigma quality and move closer to zero defects by employing the DMAIC cycle. Weld data becomes weld information to improve your product quality and reliability.



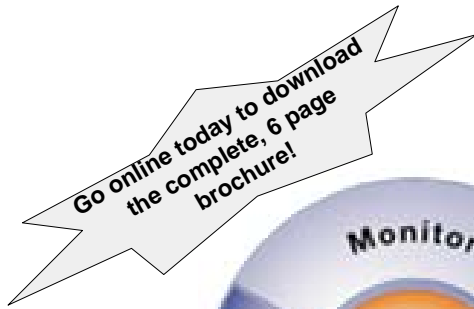
The WeldWorks web app includes integrated statistical functions and reporting capabilities. Data can be easily exported to DOE analysis packages to optimize the weld schedule.

Compliance

Not only can the WeldWorks™ Software Suite improve your overall resistance spot weld quality, but easy integration with your existing manufacturing information systems (MES/ERP) helps ensure compliance with FDA, ISO 9001, and military regulations.

Don't let antiquated manual data collection techniques or poor information management result in embarrassing product recalls or costly scrap.

WeldWorks complies with 21 CFR Part 11



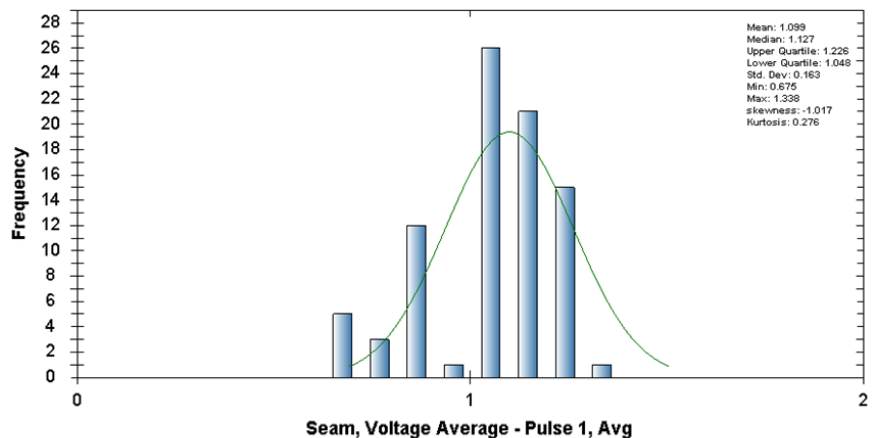
Enterprise Software with Integrated Statistics

WeldWorks is built on leading edge Microsoft .NET technologies and consists of 4 modules to provide a complete end-to-end solution that can be fully integrated into your existing management information systems: Client, web services, central database & web app.

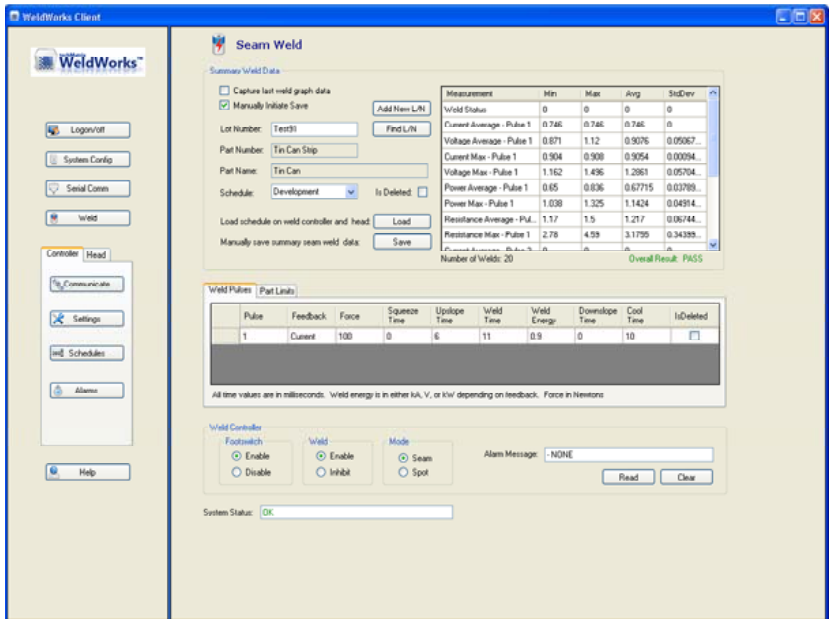
CHARTS & STATISTICS:

- Histograms
- Grouped and ungrouped Boxplots
- Scatterplots and regression
- SPC graphs
X-Bar R, X-Bar S, I-MR

Weld Works Histogram Chart



Windows PC Client



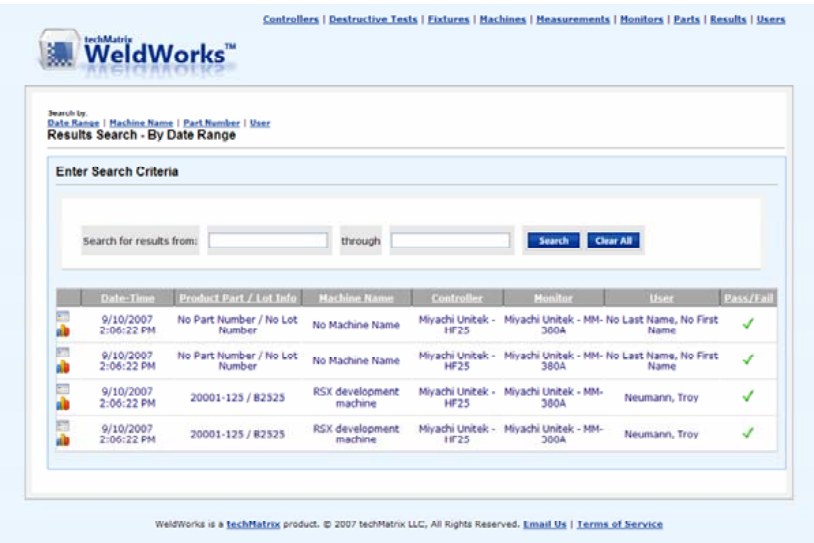
Benefits of Windows PC Based Control:

- Intuitive interface with single button recipe selection
- Easily integrate bar code or 2D DataMatrix reader to virtually eliminate part selection errors
- Instant weld feedback minimizes scrap and keeps process in control
- WeldWorks software can be used to control and store data from a variety of weld controllers (e.g. Miyachi Unitek, MacGregor, etc)

Web Based Data Access

Benefits of Web Based Data Access:

- Ability to review RSW data anywhere you have a PC and internet browser
- Complete weld traceability to lot and part numbers
- Centralized data storage for all your weld controllers
- Improve weld quality and consistency by executing 6σ quality initiatives
- Perform basic statistical analysis – Histograms, Scatter plots, regression, SPC charts
- Generate PDF reports and export weld data to Excel, JMP, or Minitab to make DOE's a breeze



Founded in spring 2005, techMatrix LLC is a dynamic, growth stage company dedicated to designing, building, and assembling both custom and standard PC based resistance weld equipment for high technology companies.



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