QA | NWA Quality Analyst®

Manufacturing Intelligence for Intelligent Manufacturing

Real-Time SPC Charting, Analysis and Reporting

NWA Quality Analyst® is an award winning SPC charting and analysis software solution providing the best combination of power, flexibility, and ease-of-use of any SPC software available. It enables a wide range of users to graphically analyze process behavior and judge the impact of process improvement decisions with minimal training in statistical techniques. NWA QA integrates with all major manufacturing information systems and is used by leading worldwide manufacturers to analyze plant data for vendor certification, regulatory compliance, process improvement, and cost reduction.

Functionality

- Integrates with all major manufacturing information systems to serve as the SPC analysis and charting component of an integrated quality information system.
- Connects to any ODBC-compliant database, providing an automatic link to applications built on databases such as Microsoft Access, SQL Server, Oracle, and DB2, and allowing seamless integration with information systems such as SCM, ERP, MES, LIMS, HMI/SCADA, or Historians.
- Automatically creates SPC charts where users can select data variables and chart types, specify filter criteria, or even enter new data without running the full Quality Analyst product.
- Design any number of exception reports for each Data Set and provide a wide range of reports on SPC, specification, and pattern-rule violations.
- Predefined Assignable Cause and Corrective Action text and ad hoc comments can be assigned to data points on any SPC chart.

Features & Benefits

Developed for ease-of-use, NWA Quality Analyst combines comprehensive charting and analysis capabilities with interactive operation to turn your data into valuable information providing fast, simple charting, simple, direct data

"I wanted software that was easy enough that the operators would be willing to use it for decision-making. NWA has all the SPC tools I want and it has exactly the easy-to-use interface I need."

Clint Paisley
Quality Assurance Manager
Iams Company

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and chart setup, easy, wizard-guided automation, and straightforward connection to external databases.

NWA Quality Analyst offers unmatched flexibility for setting up charts for specific analytical needs. User preferences can be set using clear, logical, consistent dialogs. While default settings produce the most commonly accepted form, charts can be quickly customized. You can define any chart to meet internal, customer, or regulatory requirements, for example:

NWA Quality Analyst's operational power is available directly from the spreadsheet-like user interface, providing access to all configuration, charting, and analytical functions from a single screen, a suite of advanced data management tools, user-defined calculated variables (including a visual equation builder), multi-key data sorting, and pop-up windows displaying descriptive characteristics and rule violations for any point on a chart.

Optional Modules

Extend the capabilities of NWA Quality Analyst with additional multivariate and stability/shelf-life analysis capabilities.

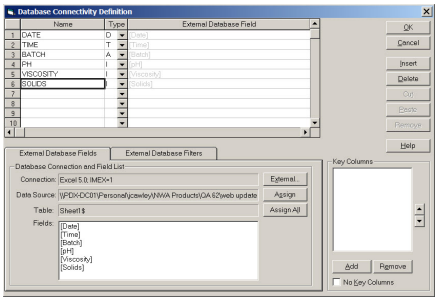
Multivariate Analysis

NWA's multivariate SPC module fully integrates multivariate modeling and SPC charting that overcomes many of the barriers to the adoption of multivariate process monitoring and improvement techniques. The module simplifies the data-collection, model-building, and deployment process for off-line and real-time applications.

Stability/Shelf Life Analysis

NWA Stability Analytics™ delivers the statistical analysis, charting, and reporting required for routine product-lot stability studies as described in the FDA/ICH guidelines.

This new module lets users perform standardized stability analysis using the same software that provides their laboratory method QA/QC charting, replacing what is typically a multi-application process, often performed by multiple staff.



NWA Quality Analyst users can quickly and easily connect to any ODBC compliant data source. Data links are automatically refreshed with changes in the database.

For more information, call 888.NWA.SOFT or visit us at NWASOFT.COM

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