

QA Studio from Dairy.com

A better way to manage lab information, traceability

Data Entry

The QA Studio data entry system is fast, accurate, and easy to use.

- **Drop-Down Lists:** QA Studio makes extensive use of drop-down lists to increase speed and accuracy of data entry. Once configured, many common values can be entered with one or two keystrokes.
- **Barcodes:** QA Studio makes extensive use of UPC barcodes generated by QA Studio. When entering a test result for a specific sample, simply scan the barcode on the sample. The record is displayed and the cursor is placed in the proper test field. If dilutions are used, QA Studio automatically calculates the real count.
- **Lab Equipment:** Importing from test equipment is the most efficient data entry method available. Most lab equipment already interfaces with QA Studio.

Troubleshooting

Troubleshooting is one of the key responsibilities of the Quality Department. Each day, quality professionals are confronted by the same questions:

- Are there quality issues?
- How bad are the quality issues?
- What is the cause of the quality issues?
- What is the source of the quality issues?

QA Studio was designed in the lab by lab professionals. The tools, functionality and overall design of QA Studio provide today's Quality Departments with a better way of doing business.

QA Studio Transforms Troubleshooting

- Find and isolate any combination of data items. Select by Filler, Day of Week, Operator, Supplier, Pass/Fail results, Shift, Values over Spec, and more.
- Review any test by any characteristic (e.g., SPC by Supplier, BF by Operator, Weights by Filler, and Temperatures by Hauler).
- Create a graph that highlights a potential issue; move the desired data into a new, more detailed graph; then generate a report with that data for further review.
- Identify a quality trend or issue with a supplier, shift, or operator. Then generate a report within seconds to share those results.

Reports and Graphs

Key reporting options within the QA Studio system provide power, flexibility, and ease of use, including:

- **All Records:** All records selected are printed when this report option is used. QA Studio provides one of the most powerful query systems available for selecting records. This query system is used to provide data to the reporting and graphing systems. Find what you need, and view it as you'd like to see it.
- **Out of Spec:** With this option, only records that fail any of the tests for the selected report are shown. This can help reveal data patterns in lengthy reports. For example, if 95% of the results are passing, QA Studio enables you to evaluate the remaining 5% over a multi-page report. QA Studio simply removes passing results from the report to highlight results that failed the tests. Report totals still show the total

number or tests taken, which means that ratios are still available.

- **High Counts:** Similar to the "Out of Spec" option, only micro results are evaluated. For example, a sample with a high butterfat or low weight would not be shown on the High Counts report if micro results are passing. This report feature highlights key areas for evaluation.
- **Summary Only:** Using the Summary Only option displays totals only. This can reduce a report by 95%, allowing you to access the bottom line quickly. Because most QA Studio reports have multiple subtotal levels, Summary Only reports still show enough detail to provide insight into test results.
- **Include Events:** QA Studio has an event tracking system integrated into each module. Events such as maintenance, training, audits, new equipment, regulatory items, and changes to processes are added to the Event database. These events can be printed at the bottom of the reports. The events that appear on a report are selected based on the dates used to create the report (e.g., a report for last month's filler samples). This feature provides context to results.

Related Data Sheets: QA Studio Overview, Requirements, Endorsements

For more information about QA Studio from Dairy.com, visit www.dairy.com or call 800-761-8296, press 1.



A Better Way of Doing Business.