

## RELIABILITY IN THE THINGS YOU CAN'T SEE

### SOFTWARE THAT DELIVERS WORKFLOW INTELLIGENCE

Every time your sample moves, data moves. At Beckman Coulter, we offer solutions that simplify the complexity of sample and data handling through intelligent processing. Biomek Automated Workstations operate using data-rich Biomek software with robust software package add-ons to meet your individual workflow needs.

#### Focus on the Analysis, Not Being an IT Expert

In a recent survey\*, 73% of current Biomek users indicated they never have to consult their IT department to pull reports from their Biomek. While the software is sophisticated and robust, pulling reports for analysis is quite simple. A simple graphical user interface allows the user to obtain first-rate results without the need to learn automation language.

## Biomek Software

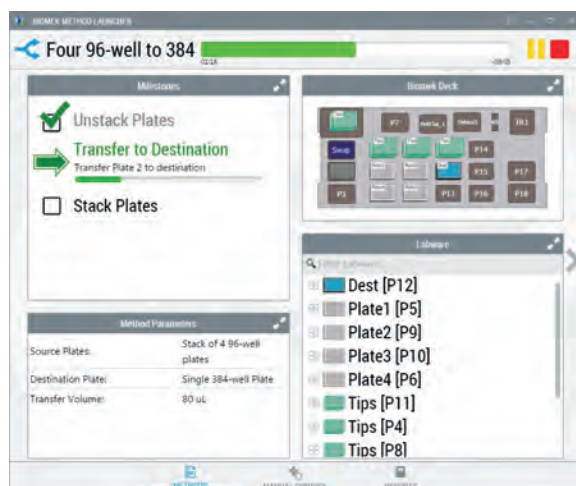
At the heart of every Biomek is the software. Biomek software provides users with the confidence to know their samples are being treated consistently every run, and with every liquid transfer the data from your samples is being stored.

- Define new deck layouts and labware placement for fast and easy method creation.
- Import/export methods.
- Toggle between applications such as plate replication, genomic DNA purification, and mass spec sample prep with ease.
- Vary runs without programming.
- Quickly select pipetting techniques, liquid types and deck layouts from drop-down menus.
- Validate new method setup and search for logic errors with the Method Validation feature.
- Achieve more with accurate run time, deck optimization, and accelerated method design features.
- Scan plates and import sample IDs based on plate barcodes.
- Track sample IDs throughout the run for maximum accuracy.
- Enable 21 CFR Part 11 compliance in regulated environments.

## Software Package Add-ons

### *Biomek Method Launcher*

Biomek Method Launcher enables users to select, set up, run, and track methods in a few simple mouse clicks. Key features include:



Biomek Method Loader

- A launch screen that allows users to organize and initiate their library ready-to-run methods with the click of a button.
- A guided labware setup that includes a display that provides instruction on required reagent types and volume by labware based on user-provided run parameters.
- Real-time status viewing of method steps and milestones as they are executed. A progress bar tracks estimated time to completion from start to finish. The deck layout display, labware properties, and method parameters are updated dynamically as methods progress. In addition, options exist for reviewing various levels of method data without leaving the interface.
- Remote method status monitoring during a run from any device with a Chrome browser.

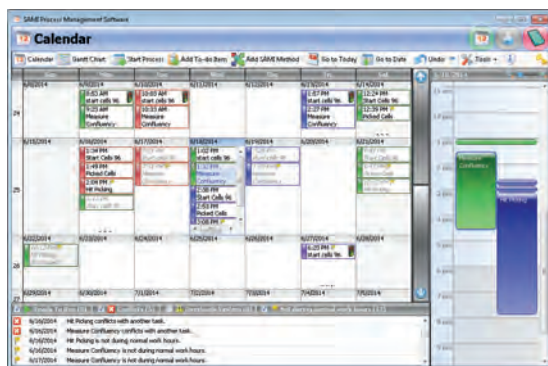
## SAMI EX

SAMI EX Software is a flexible software package designed to provide complete automation and process control supporting a wide variety of applications across life sciences. SAMI EX creates planned schedules with the benefits of an optimized, predictable static schedule.

- Plans and schedules activities in a data-driven manner.
- Planning scheduler optimizes the sequence of workflow actions to ensure consistent timing.
- Devices can be integrated and use data at the plate and well level to make decisions.
- Save process time and control method variation with interleaving sub-processes.
- Use live data to drive methods/processes.
- Sophisticated error handling during method building and runtime.
- Gantt chart visually identifies bottlenecks and provides visual confirmation of workflow execution.

## SAMI Process Management

SAMI Process Management Software is a calendar organizational tool that allows the addition, monitoring, and planning of SAMI EX methods and other events as part of user-defined processes.

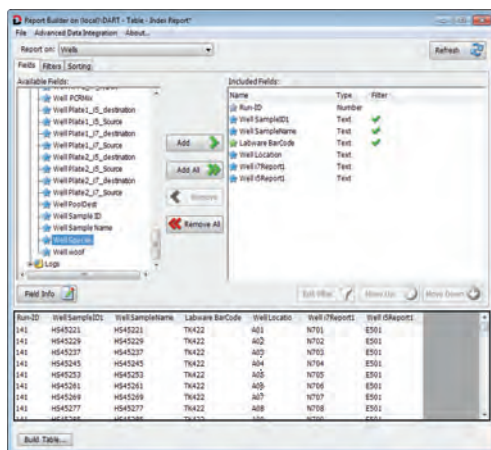


- Integrates long-running processes with many SAMI EX methods into a centralized, visual workflow-management tool.
- Multiple processes can be run simultaneously.
- All labware locations, data, and process information are stored and available in reports.

..... SAMI Process Management Software

## DART 2.0

DART 2.0 (Data Acquisition and Reporting Tool) is a software package that gathers data and synthesizes runtime information from Biomek log files to capture each manipulation of the sample during the course of the method. DART 2.0 allows you to:



- Browse live and historical run data from any device using a networked internet browser.
- Reduce manual data integration.
- Leverage historical data on labware for enhanced method programming.
- Seamlessly port data between Biomek methods and individual liquid handlers.
- Generate data reports via MS Excel table and pivot views, and SQL views.
- Integrate with your Laboratory Information Management System.

..... Data Report Builder Interface



## PowerPack

The Biomek PowerPack features advanced tools to make programming data-intensive methods easy. The PowerPack's tools work together to bring new power and flexibility to the Biomek platform. Features of the PowerPack include:

- The Normalization SuperStep takes information about sample concentrations and normalizes the original wells or creates daughter plates at the requested concentration.
- The Hitpicking SuperStep determines which wells to transfer and assigns sources to destinations and, along with Data Driven Transfer, can perform the most challenging aspects of a hit picking protocol.
- The Project Synchronization Utility manages changes among projects on the automation PC, reporting on what changed, when, and by whom, and gives options for synchronizing these items.
- Other features such as HTML prompting, extended data reporting, additional alarm functionality, and more.

“I find Biomek software to be the most reliable  
and user-friendly software compared to  
competitive alternatives.”

Walt Dewolf, Array BioPharma Inc.



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\*Survey conducted by Tech Validate

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AAG-1569FLY04.16-A