



DxA 5000 FIT WORKFLOW AUTOMATION SYSTEM

Workflow Automation with a Compact Footprint

Deliver rapid and consistent turnaround times, reduce manual steps and benefit from intelligent routing with a medium-sized footprint.





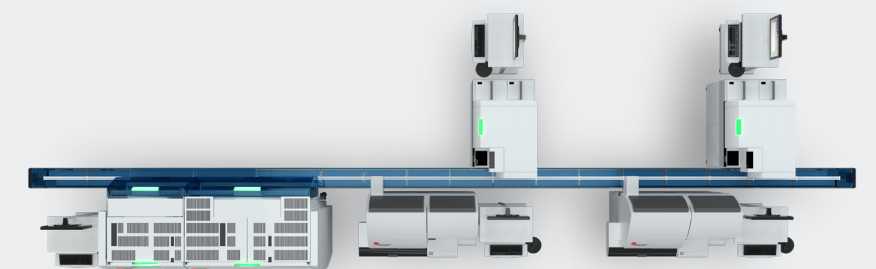
DxA 5000 FIT WORKFLOW AUTOMATION SYSTEM

At a time when up to 75% of lab errors occur pre-analytically,¹ all laboratories could benefit from comprehensive workflow automation. That's why we developed the DxA 5000 Fit, an automation system that offers a fundamentally improved approach to laboratory workflow by making intelligent automation accessible to labs of virtually any size.

Endless Benefits

Intelligent automation previously exclusive to larger laboratories is now within your reach. The DxA 5000 Fit is designed for laboratories with space constraints, yet its scalable design allows it to easily expand to accommodate growing workloads.

The DxA 5000 Fit is an automation system comprising an integrated input/output module—which can be combined with a centrifuge—connected to up to four of the following Beckman Coulter Clinical Chemistry/Immunoassay instruments: Dxl 600, Dxl 800; DxC 700 AU; AU 5800.



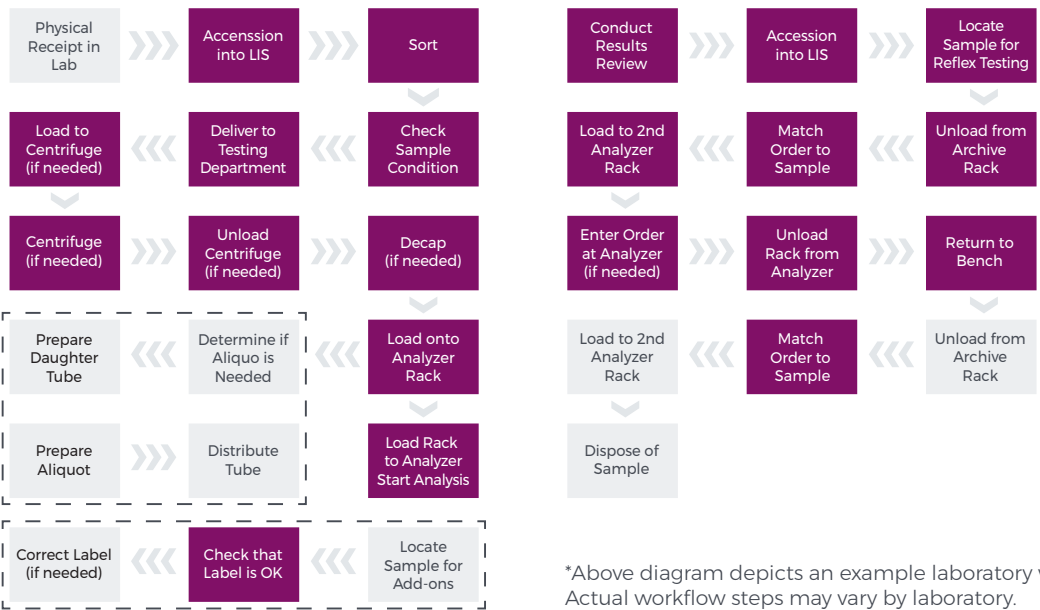
MAXIMIZE PRODUCTIVITY



Rapid and Consistent Turnaround Time

The DxA 5000 Fit automation system delivers a unique combination of rapid and consistent turnaround time along with the industry's most comprehensive pre-analytical sample quality assessment. It delivers significant efficiency gains by joining automated pre- and post-analytical sample processing with connected chemistry and immunoassay analyzers.

Technologists are highly skilled and hard to find, yet analysis shows up to 70% of their time is spent doing routine pre- and post-analytical work. To help labs maximize the impact of their valuable staffs, the DxA 5000 Fit has been designed to automate the vast majority of manual steps that are performed before and after analysis. This streamlines diagnostic workflows and promotes a safe and engaging work environment.



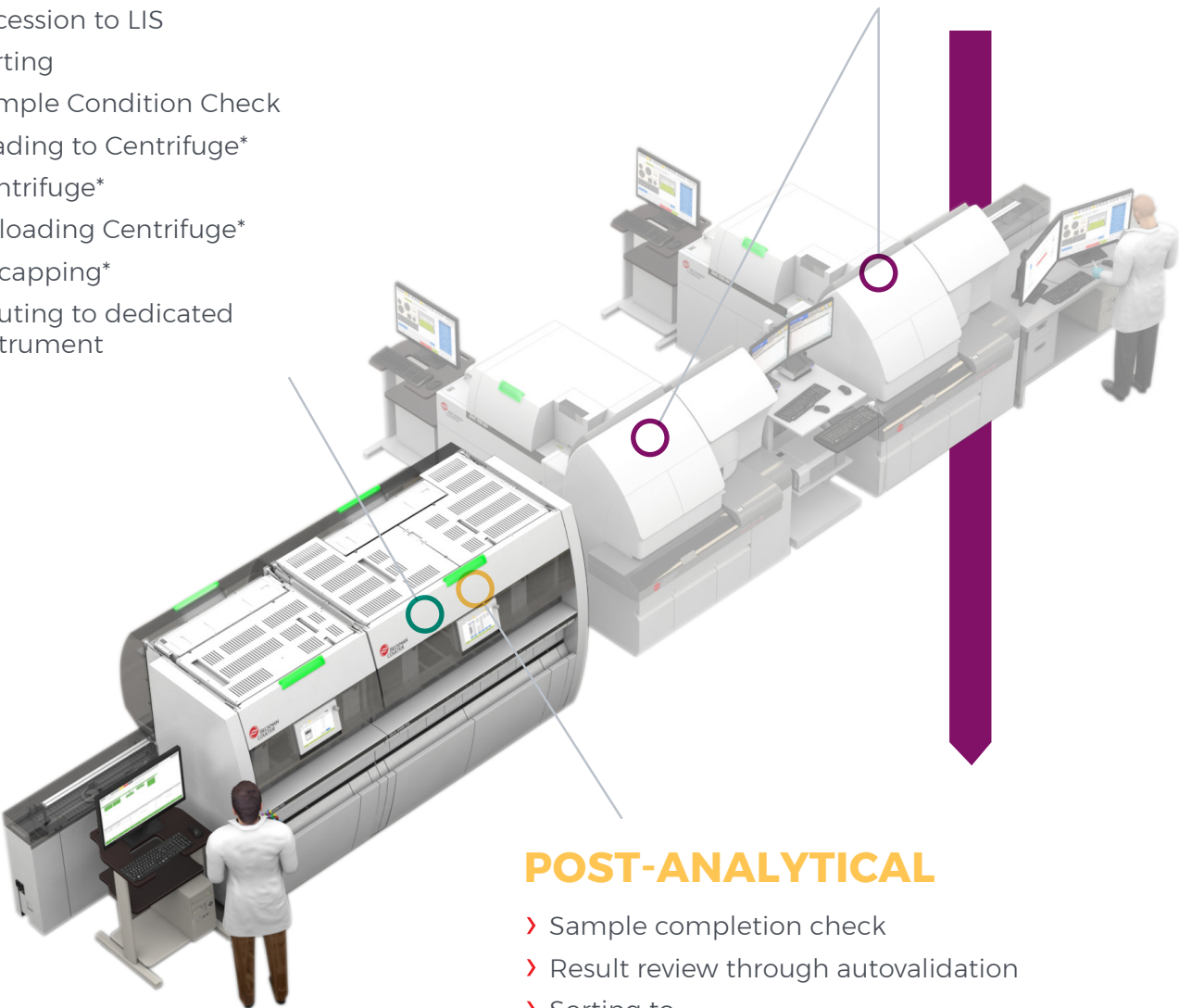
*Above diagram depicts an example laboratory workflow. Actual workflow steps may vary by laboratory.

Comprehensive Workflow Automation

PRE-ANALYTICAL

- > Barcode check and identification
- > Accession to LIS
- > Sorting
- > Sample Condition Check
- > Loading to Centrifuge*
- > Centrifuge*
- > Unloading Centrifuge*
- > Decapping*
- > Routing to dedicated instrument

CONNECTION TO ANALYTICAL



POST-ANALYTICAL

- > Sample completion check
- > Result review through autovalidation
- > Sorting to:
 - Archive
 - Send-out*
 - Offline testing*
- > Add-on, re-run reflex management

*if needed

SCALABLE. FLEXIBLE. FIT.

Scalable design allows the analyzer to accommodate different workloads and footprints

Optimize your laboratory space with the flexibility of the DxA 5000 Fit

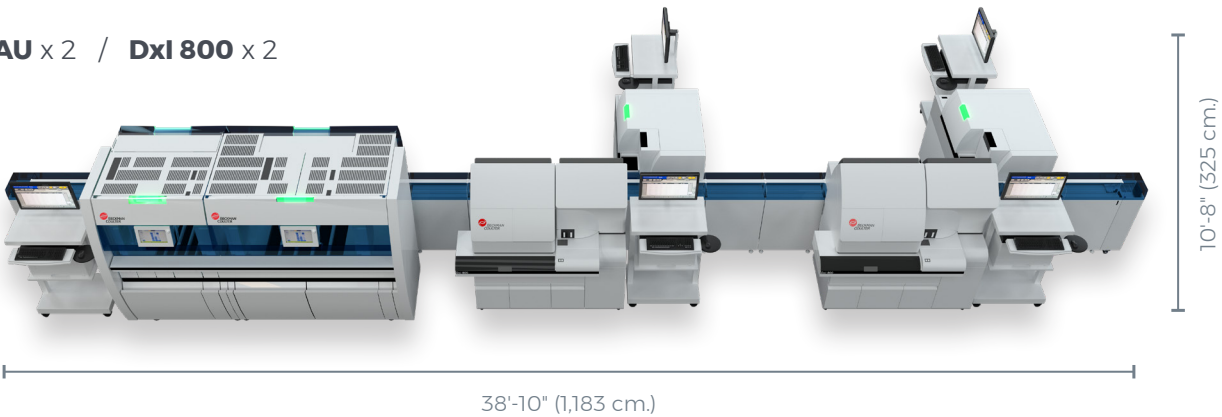
Customizable design that allows for an easily scalable analyzer

Mix and match your analyzer to fit your lab size and workload

Tailored specifically to the needs of your lab, the DxA 5000 Fit can accommodate workflows of all sizes

Flexible line customization, designed to accommodate your workload

DxC 700 AU x 2 / Dxl 800 x 2



DxC 700 AU x 2 / Dxl 800



DxC 700 AU x 2 / Dxl 800 x 2



AU 5800 Series x 2 / Dxl 800 x 2



AU 5800 Series / Dxl 800



*Only sample layouts are shown. Custom configurations are available.

DxA 5000 FIT

WORKFLOW AUTOMATION SYSTEM

STREAMLINE WORKFLOWS

End-to-end Automation



End-to-end automation can fundamentally improve your workflow by:

Freeing up valuable medical technologists' time

Improving the speed and consistency of turnaround time

Helping to identify and reduce human errors earlier

Optimizing laboratory operation

Pre-analytical



Sample quality detection uses the industry's most comprehensive pre-analytical specimen check to inspect 8 sample parameters within 3 seconds of touching each tube

Universal centrifugation profile can reduce centrifugation processing time*

Single point of entry supports various tubes types and sizes for batch loading with STAT samples having the highest priority

Connection to Analytical



End-to-end automation can fundamentally improve your workflow by:

Direct-track sampling is designed to connect to immunoassay and select chemistry analyzers

Rack-builder unit is designed to connect to AU5800 clinical chemistry analyzers

Workflow Laboratory Automation in a Compact Footprint.

Learn more at www.beckmancoulter.com



References

1. Hammerling, J. A. (2012, February 1). Review of Medical Errors in Laboratory Diagnostics and Where We Are Today. Retrieved from <https://academic.oup.com/labmed/article/43/2/41/250500>

*Protocol requires customer validation.

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BR-310600 | 2021-8885

