



» **NEW STANDARD FOR TURNAROUND TIME.
COMPREHENSIVE QUALITY DETECTION.**

DxA 5000* Automation Solution



A NEW STANDARD IN TURNAROUND TIME WITH COMPREHENSIVE QUALITY DETECTION.

In today's healthcare environment,

laboratories are highly focused on enhancing patient care by driving faster turnaround time (TAT), delivering quality results and improving laboratory operations. The DxA 5000 helps laboratories meet these challenges through a collection of patented innovations that deliver rapid and consistent turnaround time, provide a new level of comprehensive preanalytical sample-quality detection, and reduce the number of manual processing steps to significantly improve laboratory efficiency.

ELEVATE PERFORMANCE AND POSITIVELY IMPACT PATIENT OUTCOMES.

The DxA 5000 reduces result variability and accelerates TAT so laboratories can more efficiently provide physicians with the critical information they need to best manage patient care in an environment where every minute matters.



Guaranteed turnaround time



Quality detection



Total testing management



Stable productivity



Guaranteed turnaround time

Workflow optimization for multiple tube sizes, intelligent routing and advanced informatics enable short, consistent TAT by eliminating the need for differentiated STAT management.

- > Smart retrieval from inlet and unloading from centrifuge gives STAT tubes priority
- > Four-minute, universal centrifugation protocol that can reduce the preanalytical processing time for connected analyzers across multiple disciplines†
- > Intelligent routing, a first-of-its-kind dynamic system software, helps eliminate queues in front of analyzers by continuously calculating the most expeditious route for every patient sample



Quality detection

Innovative preanalytical sample-quality detection helps identify sample errors.

In three seconds, the DxA 5000:

Identifies tube-type cap color	Checks sample volume	Identifies sample ID
Determines sample tube weight	Captures sample tube image	Detects prespun status



Total testing management

Innovative hardware and smart informatics allow the laboratory to enable autoverification that can deliver reflex, rerun and add-on rules which can help reduce time-to-patient result from hours to minutes.



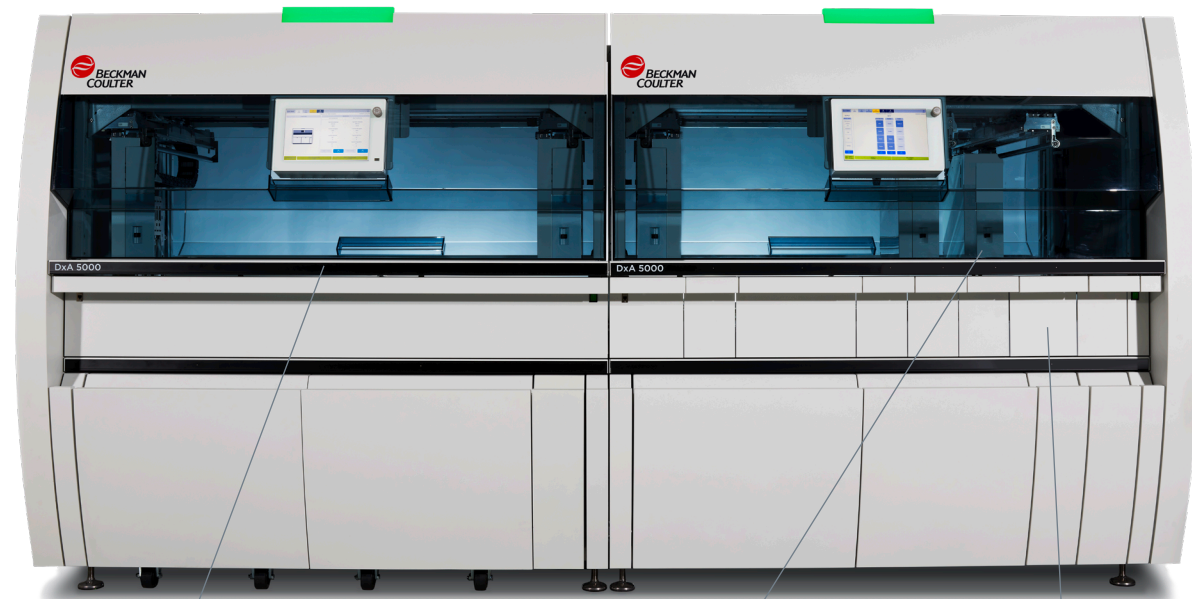
Stable productivity

Effective, high-volume sample management—from sources such as outpatient, outreach, network samples, patient wards and emergency departments—drives constant maximum productivity, independent of multiple tube types.

RAPID AND CONSISTENT TAT. COMPREHENSIVE QUALITY DETECTION. IMPROVED EFFICIENCY.

The DxA 5000 delivers rapid and consistent turnaround time, provides a new level of comprehensive preanalytical sample quality detection and reduces the number of manual processing steps to significantly improve laboratory efficiency.

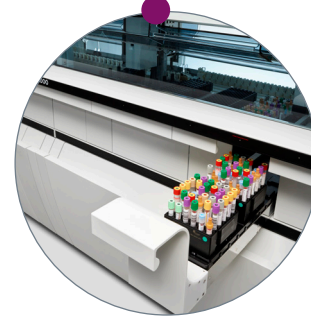
PREANALYTICAL



Universal centrifugation profile can reduce centrifugation processing time with synchronized, dual centrifuges.



Sample quality detection helps reduce the potential for release of erroneous results and helps accelerate time to result by quickly alerting the laboratory when a new patient sample is needed.



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

ANALYTICAL



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



Direct-track sampling is designed to connect to immunoassay analyzers and third-party coagulation instruments.

POSTANALYTICAL



Prestorage volume detection helps ensure adequate sample volume for all ordered tests.



Storage and retrieval facilitates fast and efficient retrieval of all specimen sizes with option for manual retrieval.



IMPROVE PATIENT CARE WITH COMPREHENSIVE,
HIGH-QUALITY CLINICAL DIAGNOSTIC SOLUTIONS.

OPTIMIZE OPERATIONS WITH A BROAD RANGE
OF INNOVATIVE INFORMATICS SOLUTIONS.



Chemistry

Deliver a low total cost of ownership supported by proven uptime, scalability and use of fewer consumables.



Immunoassay

Maximize workflow efficiency with fast throughput, best uptime and scalable solutions to meet unique laboratory requirements.



Hematology

Deliver faster, more accurate results (industry-leading 93% first-pass yield†), helping to achieve clinical effectiveness and operational efficiency in the laboratory.



Coagulation

Grow your test menu to meet physician needs with DxA 5000's open connectivity.



REMISOL Advance

Manage your analyzer results, allowing you to focus on the right insights for the right pathologies at the right time.

- > Drive consistency through network standardization
- > Create efficiency through autoverification rules management
- > Improve sample workflow through consolidated management
- > Integrate quality-control management to improve reliability
- > Customize software to adapt to your standard operating procedures




DxONE Command Central

Maximize laboratory resource utilization, simplify workflow and boost productivity by unifying the view and monitoring of laboratory instruments and automation systems.

- > Connect multiple instruments to one central workstation
- > Monitor sample status, QC status, patient test results and essential instrument data easily on one consolidated view
- > Optimize resource utilization—especially beneficial during night shifts—when personnel are often tasked with monitoring multiple instruments at once

“My goal is that we can make
STAT samples history.”

Ralf Triepels, Bravis
Zienkenhuis, Bergen Op Zoom
Netherlands



The first in a suite of DxA systems under development, the DxA 5000 enhances Beckman Coulter's comprehensive portfolio of scalable solutions, and is a key component of its vision to bring workflow automation to laboratories of all sizes. DxA 5000 represents the culmination of years of customer-inspired design and rigorous reliability testing, and strengthens Beckman Coulter's ongoing commitment to providing solutions that deliver accurate results with fast, consistent turnaround times, better detection of preanalytical errors, and more efficient workflows designed to fit the needs of any-sized laboratory.

For more information, please visit beckmancoulter.com/DxA

*CE marked. DxA 5000 is pending 510(k) clearance by the U.S. FDA. Not yet available for in vitro diagnostic use in the U.S. For Investigational Use Only. The performance characteristics of this product have not been established.

†S. Frankenberger, et al., "Reducing the turnaround time of the pre-analytical phase by application of a rapid centrifugation profile." Clin Chem Lab Med 2017; 55, Special Suppl, pp S1 - S1121, June 2017.

‡Calculation of the number of samples per hour per square meter is based on U.S. dimensions; comparisons include two connected instruments plus one slide-maker/stainer from different manufacturers with side and rear clearance..

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