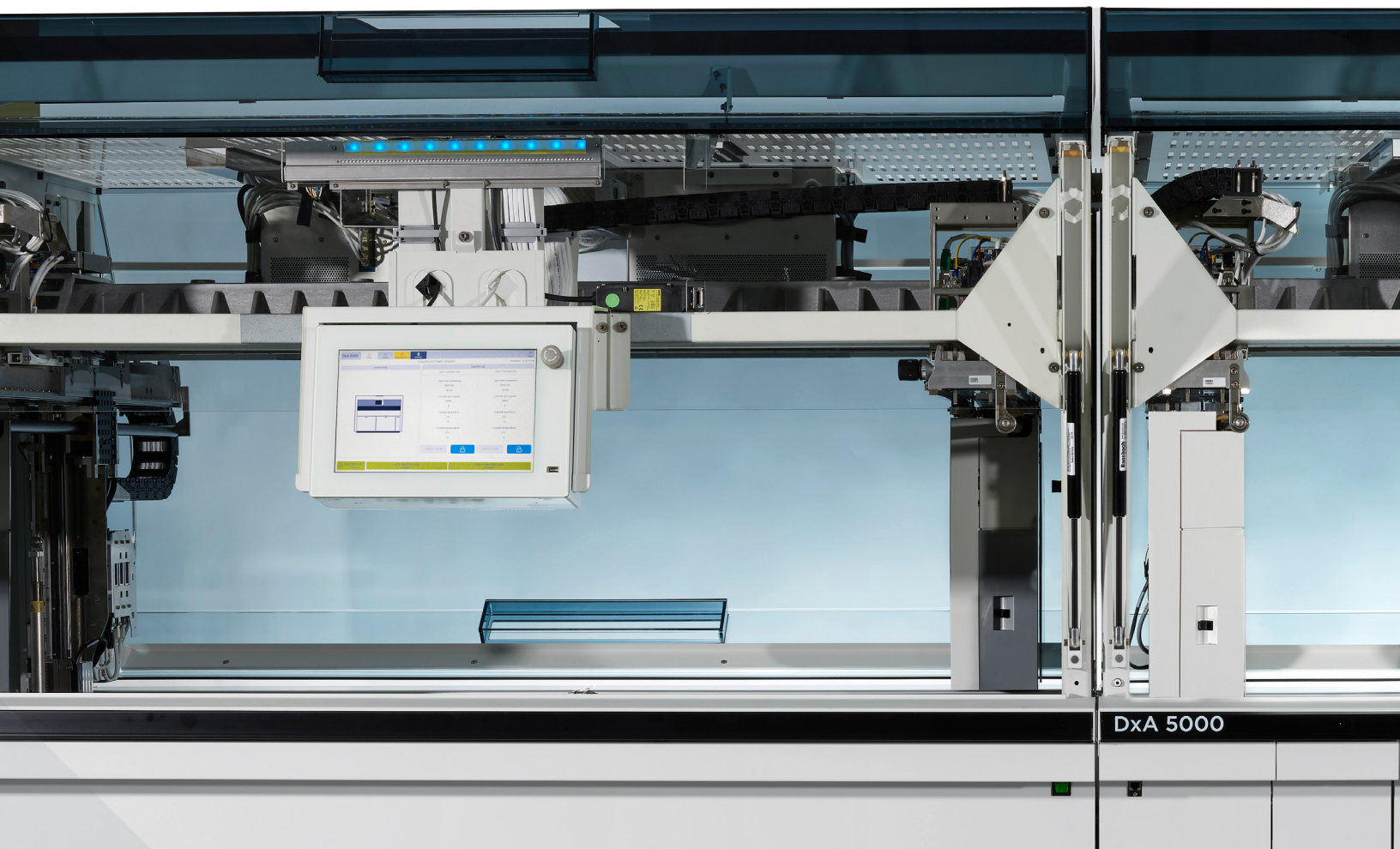




» DxA 5000

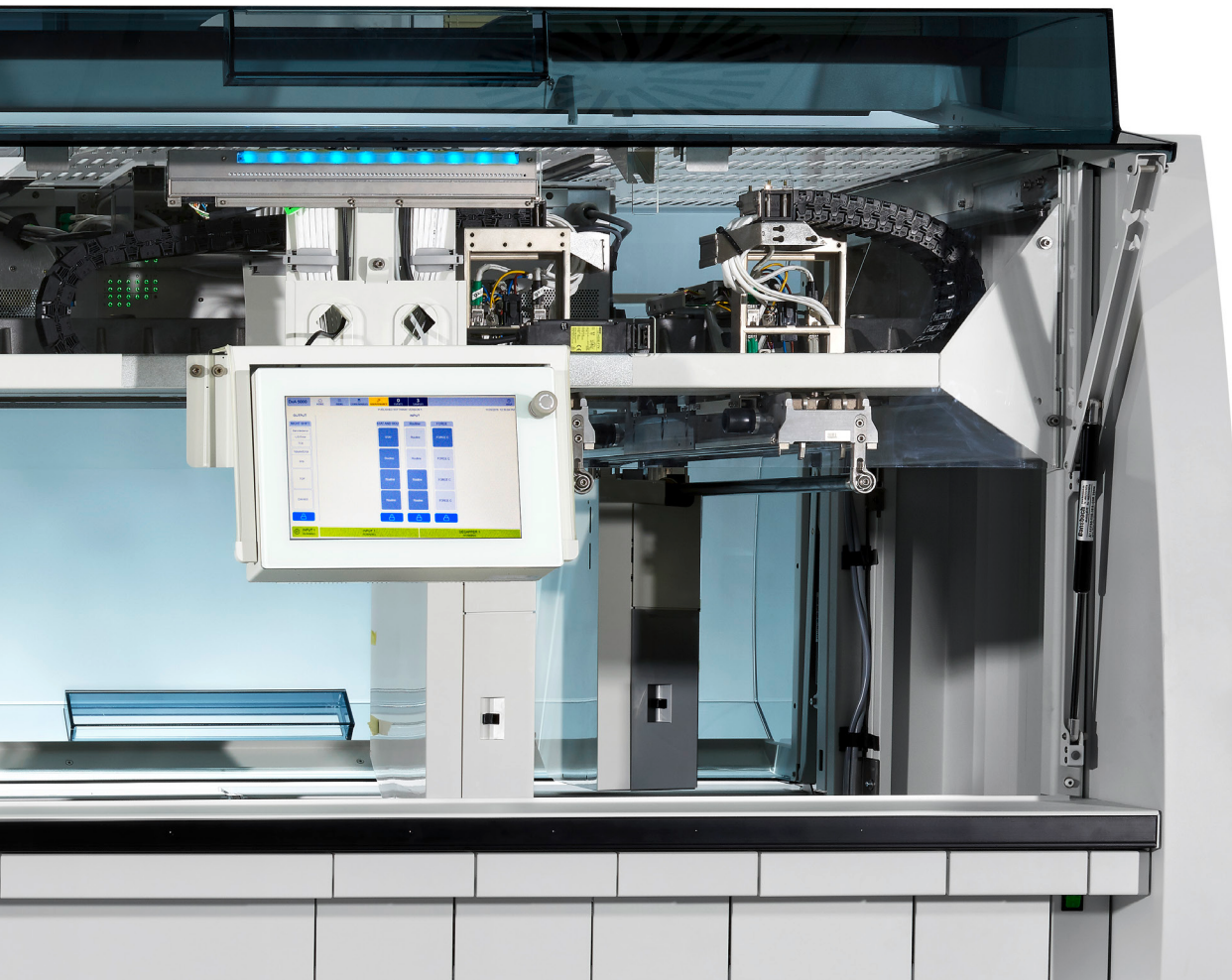
WHAT
DRIVES YOU?



» WHAT **DRIVES** YOU?

You want a laboratory that keeps pace with the changing reality of healthcare, a laboratory where your technologists are seen as first responders in the patient care pathway. You are seeking ways to cope with well-publicized labor shortages, increasing workloads and demands for delivering high-quality test results faster. Last but definitely not the least, you're looking for ways to reduce the cost of testing.

So, what drives you? Building a high-performance laboratory renowned for its quality, with an engaged team, minimal rote tasks, and fast, reliable turnaround times.



DxA **DRIVES** THAT

The DxA 5000 total laboratory automation system drives this vision into reality: Proprietary intelligence drives rapid and consistent turnaround times for all samples; the industry's most comprehensive pre-analytical sample inspection drives errors out of your workflow; and minimized manual-processing requirements drive increased productivity and engagement.

» DxA **DRIVES** TOMORROW'S LABORATORY

PREANALYTICAL

Sample quality detection

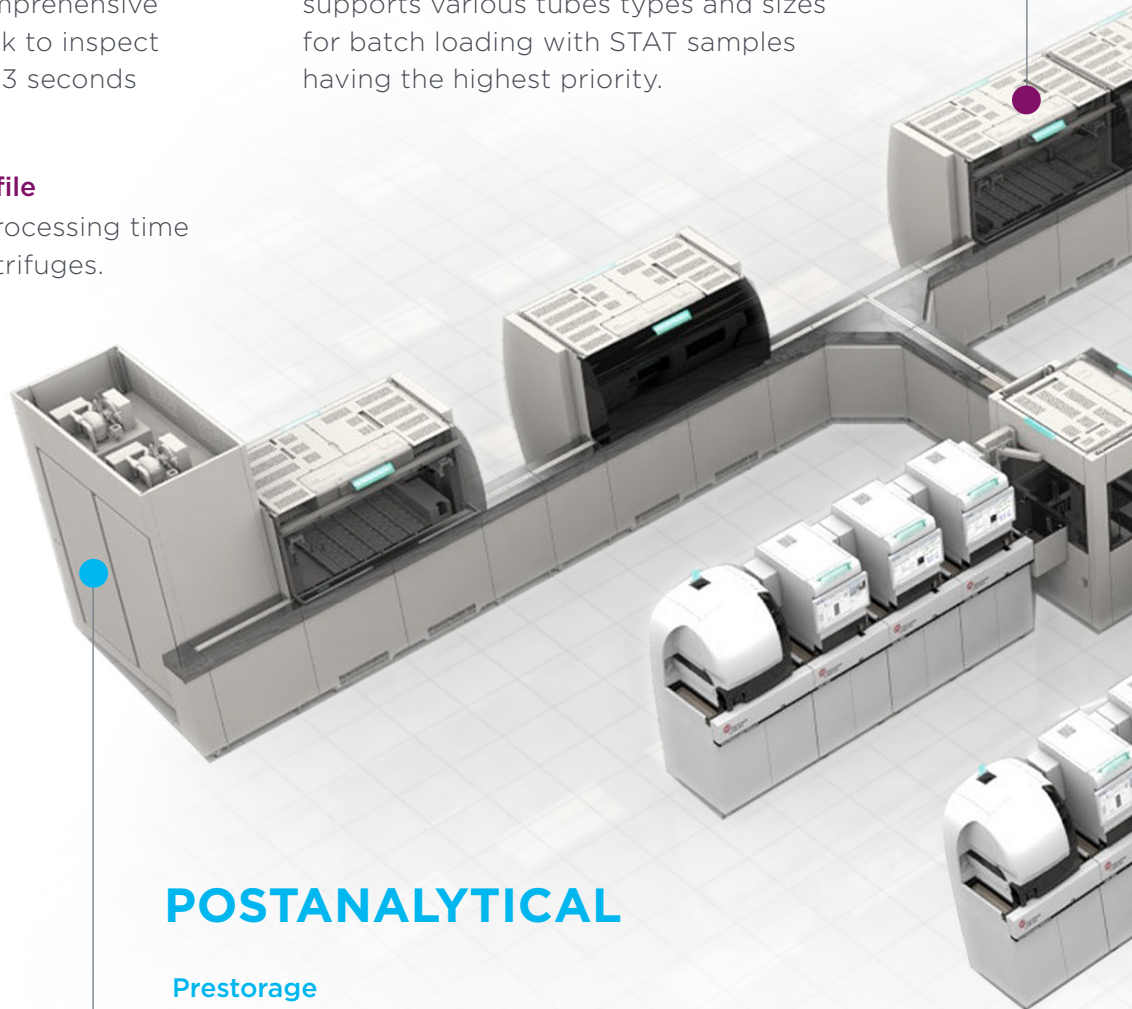
uses the industry's most comprehensive preanalytical specimen check to inspect 8 sample parameters within 3 seconds of touching each tube.

Universal centrifugation profile

can reduce centrifugation processing time with synchronized, dual centrifuges.

Single point of entry

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



POSTANALYTICAL

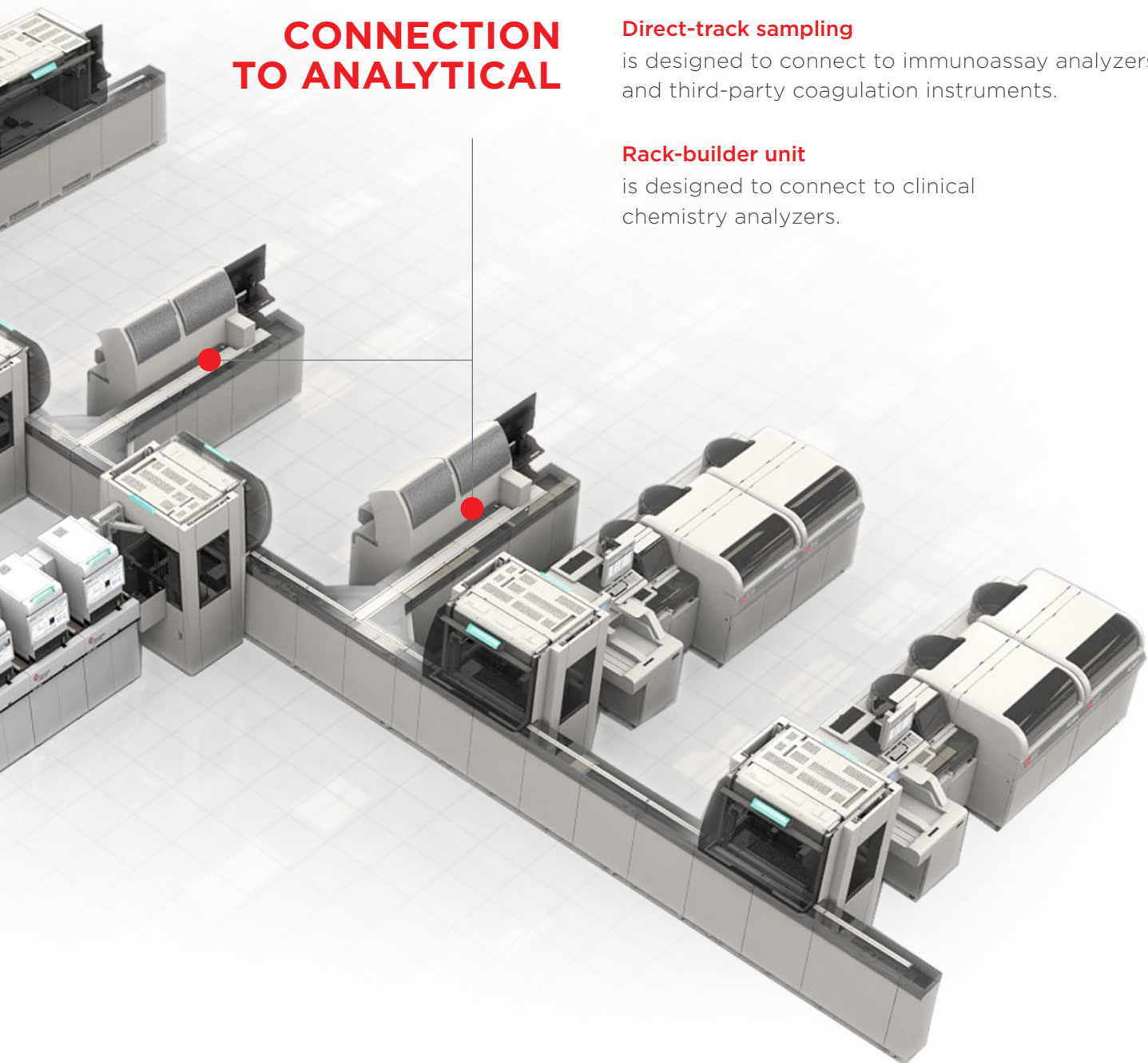
Prestorage volume detection

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.

The DxA 5000 is truly a market-driven innovation: We interviewed hundreds of customers around the world to understand laboratories' most pressing issues not addressed by current solutions. The voice of our customers—your voice—was our compass throughout the development of this system. The result is an elegant, powerful and effective solution designed to help you overcome your current challenges as well as prepare you for the future of healthcare.



CONNECTION TO ANALYTICAL

Direct-track sampling

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

Rack-builder unit

is designed to connect to clinical chemistry analyzers.



DxA DRIVES OPTIMAL LAB PERFORMANCE

DYNAMICALLY-OPTIMIZED TURNAROUND TIME

We know that when physicians get results faster, they can better serve patients. The DxA 5000 was designed with this principle in mind. Unlike any other automation system, its Intelligent Route Scheduler leverages middleware to automatically and continually calculate the most efficient route for every patient sample—both STAT and routine. Say goodbye to manually processing important samples offline. How much time can you save? **After installing the DxA 5000, the Sheba Medical Center in Israel saw turnaround times shrink by 25%, and their performance continues to improve.***



*Results reported by customer. Individual results may vary.

SUPPORT HIGH-QUALITY PATIENT CARE

We know the pre-analytical phase of testing is actually the most labor-intensive and error prone, potentially consuming 60% of a laboratory's labor hours¹ and accounting for up to 75% of its errors.² **The innovative sample-quality detection system of the DxA 5000 is the most comprehensive available.** It supports high-quality patient care by using the industry's most comprehensive preanalytical specimen check to identify some of the most common preanalytical errors—like short draws, incorrect sample material or incorrect labeling.



1. Based on Beckman Coulter analysis of typical clinical diagnostics laboratory workflow steps.
2. Green, Sol. F., Clinical Biochemistry 46 (2013), 1175–1179.

TOTAL TESTING MANAGEMENT

We understand you need control of your laboratory's workflow—from the time a sample tube is accessioned to when it's archived. The DxA 5000 is fully integrated with REMISOL Advance, our enterprise data-management system, which continuously communicates with your analyzers and LIS. **This gives you constant, real-time access to the statuses of your samples, including where they've been, where they are, and where they're going.** Need to make changes on the fly? No problem. REMISOL Advance lets you handle it all.



ENHANCED STAFF SATISFACTION

We understand your staff is the soul of your laboratory and a vital part of your mission. **By automating an unprecedented number of rote mechanical tasks and using laboratory-inspired ergonomic design to simplify operation, the DxA 5000 supports the work of your skilled technologists like no other TLA system available.** With the DxA 5000 putting the most critical data at their fingertips, your staff can focus on the work that drives them—using clinical judgment and scientific expertise to make a difference in the lives of patients.



DxA 5000 BY-THE-NUMBERS

24 PATENTED
INNOVATIONS

INNOVATION

Every moving part tested for

12 MILLION
CYCLES

TRUST

Preamerical footprint up to

68%
SMALLER than the
closest
competitor

SIZE

Universal
centrifugation
protocol of

4 MINUTES
AT **4000g**[†]

REDUCES PREANALYTICAL
PROCESSING TIME

CENTRIFUGE

Throughput of up to

1,200
TUBES PER HOUR

CAPACITY

Choose your storage capacity:

6,500 OR
13,000 TUBES

STORAGE

1 POINT
OF ENTRY
FOR ALL SPECIMENS

SIMPLICITY

IN THE FIRST 3 SECONDS:

DETECT THE TUBE TYPE

READ THE CAP COLOR

MEASURE THE SAMPLE VOLUME

DESIGNED TO DETERMINE WHETHER THE SAMPLE NEEDS TO BE SPUN

WEIGH THE SAMPLE

SCAN THE BARCODE LABEL

KNOW ALL PENDING ORDERS

ERROR PROTECTION

REDUCE

32 MANUAL
STEPS
TO **4** MANUAL
STEPS[‡]

MANUAL STEPS

4 FLEXLINK
TRACKS ENABLE
**EFFICIENT
ROUTING**

MULTILANE

RETRIEVE
ANY STORED
SAMPLE IN
LESS THAN

90
SECONDS

RETRIEVAL

[†]Protocol requires customer validation.

[‡]Based on Beckman Coulter analysis of typical clinical diagnostics laboratory workflow steps. Step counts may vary.

» WHAT DRIVES YOU?

Contact your Beckman Coulter
representative for more information



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