



# POWER EXPRESS

Empower Your Health System Network  
with Connectivity, Flexibility, and  
High-throughput Capacity



# BETTER AS ONE

## Consolidate Your Pre-Analytical, Analytical, and Post-Analytical Functions Into One Efficient Workflow



Achieve predictable turnaround time for routine and STAT samples



Partner with a vendor that is committed to connecting 3rd party analyzers to drive efficiencies in your lab



Scale to meet the growing demand of your lab with a highly modular and flexible system

### ANALYTICAL

- > **Direct Track Sampling** – designed to connect to the the DxI and AU680 analyzers as well as select third-party instruments
- > **Rack Building Connections** – developed for the AU5800 and DxH as well as third-party instruments

### BECKMAN COULTER INFORMATICS SOLUTIONS\*

- > **REMISOL Advance**
- > **DxONE Command Central**
- > **DxONE Inventory Manager**
- > **DxONE Workflow Manager**
- > **DXONE Insights**

\*Product availability varies by country

### PRE-ANALYTICAL

- > **Dynamic and Bulk Inlets** – provides multiple points of entry for STAT and routine unspun samples\* with STAT prioritization built-in
- > **Centrifuges** – achieve throughput of up to 1,200 tubes/hour with up to four standardized and efficient centrifuges (ambient or refrigerated)
- > **Aliquoter** – access dual aliquoting system with liquid level detection to enable smart aliquoting

\*Single point of entry for pre-spun samples (dynamic inlet)

### SYSTEM DESIGN & INTERFACE

- > **Dynamic Connection** – optimized routing of STAT and routine samples to achieve predictable turnaround times
- > **Track Design** – bi-directional four-lane track and module specific T-lanes to prevent bottlenecking

### POST-ANALYTICAL

- > **Storage** – option to connect up to four 3,000 or 5,000-tube storage units with fully automated disposal
- > **Outlet** – connect up to two outlets for easy retrieval of add-ons and exceptions



# ACHIEVE PREDICTABLE TAT TO ENSURE PATIENT AND PHYSICIAN SATISFACTION

Intelligent sample management attained through a dynamic connection and efficient track design

- › Optimized routing of routine and STAT samples
- › 4-lane track and module specific T-lanes
- › Fully automated add-on process with no human intervention
- › Efficient sample carrier management to ensure consistent flow

## Built-in Redundancy to Maximize Uptime

<b>Pre-analytical</b>	<ul style="list-style-type: none"> <li>› Multiple points of entry (dynamic Inlet and Two-bin Bulk Inlet)</li> <li>› Up to 4 centrifuges</li> <li>› Dual-head decapper</li> <li>› Dual Aliquoter</li> </ul>
<b>Analytical</b>	<ul style="list-style-type: none"> <li>› Up to 16 analyzer connections</li> </ul>
<b>Post-analytical</b>	<ul style="list-style-type: none"> <li>› Dual-head recapper</li> <li>› Up to 4 storage units (3K or 5K capacity)</li> <li>› Up to 2 outlets</li> </ul>

## Consistent Sample Flow of up to 1200 tubes/hour

### Throughput

Defined as the number of samples that route through a given point in the system per hour.

System throughput can reach up to 1,450 samples per hour.

Bulk or Dynamic Inlet

Centrifuges

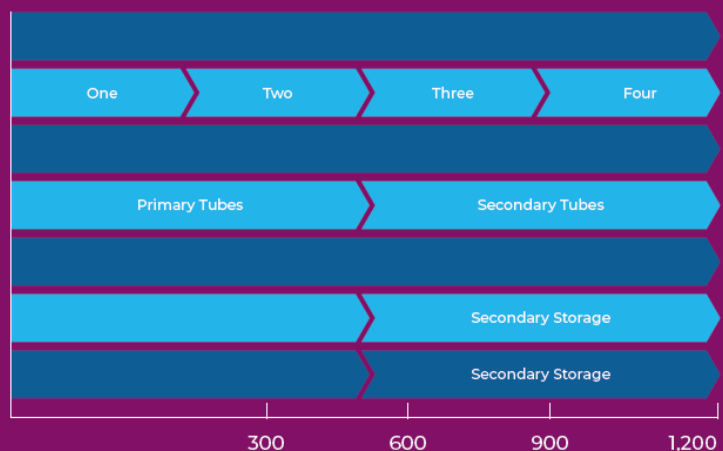
Decapper

Aliquotter (1:1)

Recapper

3 or 5k Storage

Outlet





# SUPERIOR MODULARITY AND FLEXIBILITY

- › Design your workflow with scalable configuration options
- › Scale to a multi-disciplinary line with all core disciplines connected (chemistry, IA, hematology, coagulation)



## Continued Commitment to 3rd Party Partnerships

>175 connections for 3<sup>rd</sup> party instruments shipped to customers

IL Top  
Siemens Advia  
Centaur XP

DiaSorin Liasion XL  
Stago

CS-5100

Abbott Architect  
i200SR

Additional investment  
for new connections  
planned for future

Tosoh G8/G11\*  
Sample Tube Feeder\*\*  
Roche Cobas® 8000  
Sysmex XN-9000

All 3<sup>rd</sup> party connections require approval from 3<sup>rd</sup> party manufacturer

\*G11 pending FDA clearance

\*\*Connection to 3<sup>rd</sup> party tube transport systems (pneumatic or band conveyer)



## GLOBAL PRESENCE

With **300+ INSTALLATIONS** and counting, in more than **25 COUNTRIES**, we are driving efficient turnaround time, throughput and workflow for laboratories of all needs, shapes and sizes. With brand new features and connections, see how Power Express can transform your laboratory's future.

For more information on Power Express visit [beckmancoulter.com/powerexpress](https://www.beckmancoulter.com/powerexpress)

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