



» TIMELY RESULTS, TIME-PROVEN TECHNOLOGIES

ONE SYSTEM BRINGS IT ALL TOGETHER

DxC 700 AU Chemistry Analyzer



» Move healthcare forward.

The introduction of the DxC 700 AU analyzer exemplifies the Beckman Coulter Difference—our commitment to partnering with laboratory professionals to achieve excellence by providing an integrated solution consisting of tools, insights, information management systems and continuous process improvements.

DxC 700 AU CHEMISTRY ANALYZER

The DxC 700 AU chemistry analyzer was designed using input from clinical laboratory professionals. It delivers high uptime, solid reliability and precise performance. With Beckman Coulter's portfolio of chemistry analyzers, laboratories can rely on standardized results, reagents and workflow—now and in the future—for greater confidence in results.

The DxC 700 AU analyzer supports laboratory excellence by:

- › Enhancing clinical effectiveness through reliable results
- › Elevating operational efficiency and uptime
- › Reducing total cost of ownership
- › Integrating customizable solutions for specific laboratory needs



DxC 700 AU: timely results, time-proven technologies

Enhancing clinical effectiveness through reliable results

When answers are needed quickly and accurate results are critical, laboratories must respond with timeliness and precision. The DxC 700 AU analyzer provides fast, precise answers—in both critical and non-critical situations.

Securing critical results quickly and accurately

- › Urgent tests are prioritized with the STAT interrupt feature—a standard on Beckman Coulter chemistry analyzers—offering optimal turnaround time (TAT)
 - The operator loads critical samples into the 22-position STAT wheel and presses Start; the STAT sample is then aspirated ahead of routine samples
- › Auto repeat of samples that exceed critical values helps ensure accuracy without disrupting workflow



STAT samples are easy to load with minimal impact to workflow.

Elevating operational efficiency and uptime

Laboratories are under pressure to perform routine and non-routine tasks efficiently to save costs and produce faster results. The DxC 700 AU analyzer is designed to streamline workflow and provide superior uptime.

Routine operations are completed in less time via:

- › An intuitive design and larger touchscreen monitor, developed with input from clinical laboratorians
- › Real-time status alerts, notifying operators of conditions that could affect sample processing
- › Fast startup times and a simplification of daily tasks

Superior uptime

- › Spend less time on system maintenance and more on what's important
 - Quick and easy parts replacement as a result of Beckman Coulter's unique "3 & 60" concept for changing out sample and reagent probes, mixer bars, syringes, optical lamp and ISEs
 - Easier reagent management, through the system's calculation of replenishment needs and its flexibility to load large-capacity containers without disrupting the workflow
 - Efficient calibrations based on software identification of those assays in need of calibration and simple loading of barcode-labeled calibrators onto the system for easy processing



3 & 60: consumables are replaced in 3 steps within 60 seconds

Reducing total cost of ownership

In today's changing healthcare climate, laboratories are asked to elevate care and reduce costs at the same time. The low cost of ownership of the DxC 700 AU analyzer helps laboratories achieve their goals while managing resources.

Reducing laboratory costs

- › The DxC 700 AU analyzer minimizes economic pressure through the use of:
 - Fewer consumables than other industry same-class systems
 - Concentrated reagents that take up significantly less storage space than other reagents
 - Long-lasting ISEs that last a minimum of six months (or 40,000 samples)
 - Non-disposable cuvettes



Lower your total cost of ownership through fewer consumables, concentrated reagents, long-lasting ISEs and non-disposable cuvettes.

Integrating customizable solutions for specific laboratory needs

The DxC 700 AU analyzer is part of the Beckman Coulter total laboratory solution, providing the flexibility to tailor systems based on a laboratory's volume and space. All Beckman Coulter analyzers offer not only scalability, but also standardization—sharing reagents, operating processes and validation rules—for seamless performance across your network.

Transforming laboratory performance through scalability and standardization

- › Beckman Coulter clinical information management solutions consolidate patient test information and improve sample tracking, providing operators with real-time data and actionable insights to help physicians as they care for patients
- › The Beckman Coulter Power Link system connects small-footprint automation with chemistry and immunoassay analyzers, providing workcell solutions that can dramatically streamline laboratory processes

Selecting the Beckman Coulter analyzer that meets specific laboratory requirements

AU system comparison	AU480	DxC 700 AU	AU5810
Photometric throughput with ISE (tests/hour)	400; 800 with ISE	800; 1,200 with ISE	2,000; 2,900 with single ISE; 3,800 with dual ISE
Number of onboard assays with ISE	63	63	57
Reaction vessel	Non-disposable cuvette	Non-disposable cuvette	Non-disposable cuvette
Sample volume (µL)	1.0-25.0	1.0-25.0	1.0-17.0
Sample load capacity (routine/STAT)	80 (8 racks x 10 samples)/22 samples by carousel	150 (15 racks x 10 samples)/22 samples by carousel	400 (40 racks x 10 samples)/20 (2 racks x 10 samples) via priority racks
Clot detection and auto-clearing (mechanism)	Yes	Yes	Yes
Open channel capability	Yes	Yes	Yes



The DxC 700 AU can connect to automation, immunoassay and clinical IT solutions.

- › The DxC 700 AU analyzer is designed for mid-volume hospital laboratories—whether an independent hospital focused on quality and simplicity or as part of an integrated delivery network in need of a standardized chemistry solution for its entire group

Discover how the DxC 700 AU chemistry analyzer can enhance laboratories' clinical excellence, efficiency and effectiveness. Learn more by contacting a Beckman Coulter representative or visiting www.beckmancoulter.com.

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