

OPTIMIZED OPERATIONS THROUGH A SEAMLESS WORKFLOW

Small footprint, intuitive software, easy maintenance and Shortcut Station

Achieve a 93%¹ first-pass yield through powerful core technology—and create efficiencies through a refined, ergonomic workflow—designed with the input of technologists.² The DxH 900 hematology analyzer enables laboratories to optimize turnaround times, reduce the number of steps required for quality control tasks and minimize the amount of valuable space needed for a fully functioning hematology workbench. User-friendly software and easy system maintenance give laboratory technologists freedom to focus on other critical areas.

With the DxH 900 hematology analyzer, laboratories can experience a seamless workflow that enables them to:

- › Optimize laboratory space
- › Save time in laboratory processes
- › Benefit from the automatic handling of challenging samples

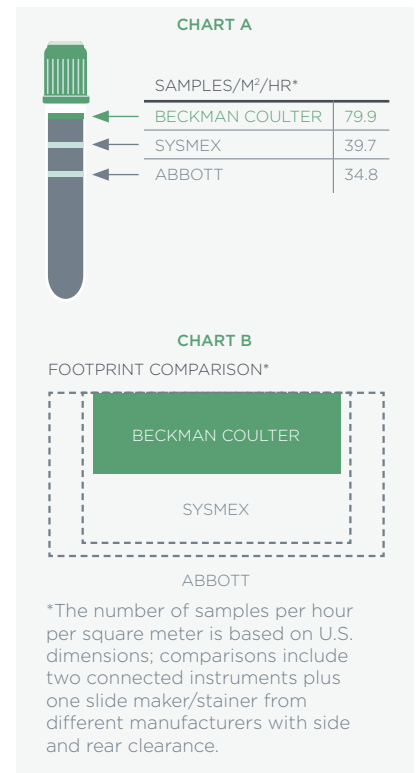
Optimize laboratory space

- › Experience the benefits of a fully integrated workstation

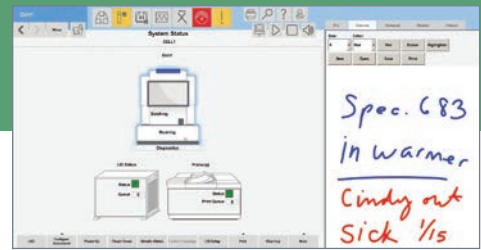
The DxH 900 hematology analyzer offers a fully functional all-in-one solution to help meet laboratory space requirements while maintaining the highest CBC capability by footprint/area compared to competitive systems; >50% for connected workcells with two instruments plus SMS³ (see Chart A). When it comes to footprint, the DxH 900-2S configuration is 50% smaller than competitive systems and 16% smaller without clearances (see Chart B). Even with a 42% footprint reduction, compared to its predecessor, the DxH 900 is Beckman Coulter's smallest high-volume solution ever introduced. As comprehensive patient care is important for the laboratory, the DxH 900 integrated workstation and small rear clearance can also accommodate additional tests. The analyzer features a variety of workcell configurations to match laboratory workload, with a mounted user interface, onboard power computer and wireless peripherals, eliminating the need for extra hardware, such as a cart.

- › Work smarter

The DxH 900 combines separate workcells that work together as one unit. All DxH 900 analyzers are fully loaded with a complete test menu, along with 70 research-use-only (RUO) parameters. This eliminates the need to buy additional DxH systems to perform advanced testing. Each analyzer in a DxH 900 workcell features bidirectional transfer of cassettes and automatic load balancing between analyzers for easy loading (e.g., up to 100 samples) at any input buffer.⁴ These features, along with automatic rerun and reflex of samples, maximize staff time by lessening the burden of manually tracking down samples.



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DxH 900 user interface with canvas on screen.

Save time in laboratory processes

- › Perform operations easily with user-friendly software

Powerful IT solutions available with the DxH 900 system allow laboratories to control an entire workcell from a single screen—using an optional virtual keyboard—easing system management. A customizable user interface—the Shortcut Station—also allows easy access to instructions for use (IFUs), instructional videos and PDFs to support daily laboratory routines. With virtual shift note management, there is no need to rely on word-of-mouth instructions or handwritten notes. The DxH 900 also offers a 75% improvement in the number of keystrokes for QC review.⁵ Users can maximize shift-to-shift communications leveraging the system's notepad, canvas and sticky notes, and by taking advantage of an easy QC review feature.

- › Simplify system maintenance

The DxH 900 features seamless execution of QC using the system's QC-only mode. Automatic export of controls makes it easier to manage review and trending on the instruments. In addition to QC management, the DxH 900 offers hands-free maintenance with onboard cleaners and automatic shutdown, startup, and daily checks.

Benefit from the automatic handling of challenging samples

- › Manage all types of patient samples easily

With a 93% first-pass yield,¹ there is little need to worry about handling challenging samples.¹ For the 7% of samples that need extra attention, however, Beckman Coulter offers support. With the DxH 900, there is no need to worry about analyzing difficult specimens. DxH 900 technology enables automatic rerun and reflexing of abnormal specimens on an instrument of choice (e.g., DxH 900 or SMS II) using customizable decision rules. It can also automatically run pediatric specimens in cassette or STAT mode. Lessen the burden of pre-analytical issues, like short samples in the laboratory, with DxH 900 technology—due to its lowest total aspiration and dead volume (0.5 mL), compared to competitive systems.³ All samples are significant samples. Use DxH 900 technology to cut down on the rate of redraws in the laboratory workflow.

DxH 900 hematology analyzer: The right results, the first time

The DxH 900 empowers hematology decisions through near native-state cellular characterization, ensures predictable costs through a 93% first-pass yield¹ and maximizes staff time.

Discover the difference a seamless workflow—including first-pass yield, a minimal footprint and easy maintenance—can make in optimizing overall laboratory operations.

Visit www.beckmancoulter.com/DxH900

References

1. DxH series side-by-side results documentation.
2. Design reviewed with over 110 customers under non-disclosure agreements.
3. Beckman Coulter DxH 900 Hematology Analyzer, Sysmex XN-3000, Abbott Alinity Instructions for Use (IFUs).
4. Beckman Coulter DxH 900 Hematology Analyzer Instructions for Use (IFUs).
5. Based on comparison with DxH 800.

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