DxH 900 HEMATOLOGY ANALYZER: THE RIGHT RESULTS, THE FIRST TIME

The DxH 900 hematology analyzer empowers hematology decisions through near native-state cellular characterization, ensures predictable costs through a 93% first-pass yield[1] and maximizes staff time. With the DxH 900, high-volume laboratories can deliver accurate results, while gaining operational efficiency and managing resources.

An integrated workstation eliminates need for a separate cart

Achieve superb RBC, PLT and WBC differentials through near native-state cellular characterization, using the enhanced Coulter Principle, VCS 360 and DataFusion technologies

- **Reliable, reportable WBC differential results** through innovative data collection and analysis
- **Stronger clinical decision-making** through high-quality platelet analysis
- **Superb anemia assessment** due to optimal cellular characterization throughout the red blood cell maturation cycle

Floor stand helps organize consumables and makes changing reagents easy

Ensure predictable costs and a faster break-even point through a 93% first-pass yield;[1] eliminate additional hardware, software and expensive fluorescent stains

- **High first-pass yield and low cost of ownership** through predictable processes, real-time analytics and low reagent use
- **Enhanced design and service** for high throughput with minimal downtime

Maximize staff time with the most reportable results per square meter,[2] fewer slide reviews and high system reliability for greater uptime; alleviate compliance burden by streamlining daily maintenance and QC tasks

- **Streamlined QA/QC processes** through customizable, automated technology with auto-export, daily reminders and remote support
- **Optimized operations** through a seamless workflow, small footprint, intuitive software, easy maintenance and Shortcut Station
- **One-touch workflow** through total laboratory automation
- **Quality results and laboratory efficiency** through comprehensive body fluid analysis

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DxH 900 Hematology Analyzer Specifications

Available Test Menu	**CBC:** WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, RDW-SD, PLT, MPV **Differential:** NE, LY, MO, EO, BA, NRBC, NE#, LY#, MO#, EO#, BA#, NRBC# **Retic:** RET, RET#, MRV, IRF **Body fluids (spinal, serous and synovial):** TNC, RBC, Pleural, Pericardial, Peritoneal
Throughput	Up to 100 samples/hour
Reagents	4 required reagents; environmentally friendly methanol- and ethlylene-glycol-free
Sample Volumes	165 µL aspiration volume; 0.5 ml dead volume
Power	Redundant power computers in a workcell 90–264 VAC and 48–62 Hz DxH 900 SPM: 520 W DxH standard computer: 160 W Monitor: 35 W

Whole Blood Performance—Measuring Range

Parameter	Units	Analytical Measuring Range
WBC	$x10^3$ cells/µL	0.050–2.000
		>2.000–100.000
		>100.000–400.000
RBC	$x10^6$ cells/µL	0.005–8.500
HGB	g/dL	0.10–25.50
MCV	fL	50.00–150.00
RDW	%	10.00–40.00
RDW-SD	fL	15.00–150.00
PLT	$x10^3$ cells/µL	3.0–3000.0
MPV	fL	5.00–25.00

Data Management	50,000 patient results with graphics for standalone 100,000 patient results with graphics for power computer
Quality Assurance	QC with Levy-Jennings graph; XB/XM for moving averages, daily check, intelligent quality monitoring, MRV, IRF, customizable calibration and QC reminders and alerts, auto export of QC
Sample Transport Capabilities	Capacity: 20 five-tube cassettes Barcodes: digital barcode with 2D barcode capability Sample ID: up to 22 characters
Reliability	New Preventative Maintenance (PM) schedule with customer care visits
Remote Monitoring	PRO*Service* remote management system: maximum uptime with walk-away troubleshooting and preemptive alerts of instrument issues
Additional Clearance	3.8 cm behind instrument for sufficient cooling; 15.2 cm per side of instrument for troubleshooting

Weight and Dimensions

Width	Height	Depth	Weight
75.57 cm	174 cm, cover closed; 194 cm, cover lifted	82.80 cm, including removable back panel; 79.25 cm, excluding removable back panel	254 kg (560 lbs)

Discover how the DxH 900 hematology analyzer delivers quality results for physicians and patients, while also streamlining laboratory operations. Learn more by contacting a Beckman Coulter representative or visiting **www.beckmancoulter.com/DxH900**

References

1. DxH series side-by-side results documentation.
2. Sysmex XN 3000 versus DxH 900-2S. Based on clearance and footprint in instrument IFUs.

For Beckman Coulter's worldwide office locations and phone numbers, please visit www.beckmancoulter.com/contact

DxH-900-Analyzer-Specifications-Datasheet-DS-73451-EN-GLB

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