

STREAMLINE WORKFLOW. MAXIMIZE WALKAWAY TIME.

Empower clinical decision making and streamline laboratory workflow with the fully automated DxH 690T mid-volume hematology analyzer. Using the enhanced Coulter Principle, VCS 360 and DataFusion to analyze cells in their near-native state, the DxH 690T provides precise cellular assessment for excellent red blood cell, platelet and white blood cell results on the first pass.

- › Achieves a 93% first-pass yield with high-confidence results
- › Designed in partnership with our customers for more walkaway time with minimal touchpoints and high up-time
- › Available with the first-in-class hematology parameter cleared by the FDA for sepsis identification in the emergency department^{3,4}



DxH 690T Hematology Analyzer Specifications



Reliable results
through a 93% first-pass yield,¹ for less manual intervention and higher productivity.



Workflow efficiency
through high uptime and walkaway time.



Know Sooner. Act Faster.
Early Sepsis Indicator automatically reported as part of a routine CBC with differential test.

Sample Aspiration	Whole blood and body fluid; 165 µL Predilute with x 5 dilution mode; 50 µL whole blood into 200 µL of diluent
Methodology	Enhanced Coulter Digital Impedance, 360 VCS with DataFusion
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# Early Sepsis Indicator (when enabled): MDW Reticulocyte: RET, RET#, MRV, IRF Body fluids (CSF, Serous and Synovial): TNC, RBC, @BFM%, @BFP%
Daily Maintenance	Cleaner— Preloaded for autonomous daily cleaning
Sample Volumes	165 µL aspiration volume; 500 µl dead volume

Ordering Information	Part Number	Ordering Information	Part Number
DxH 690T (OUS Sales Group)	C42399	6C Plus Cell Control 12x3.5 mL	C07297
DxH 690T + UPS (US Sales Group)	C38525	6C Cell Control 9x3.5 mL	A59925
Early Sepsis Indicator	C23700	6C Cell Control 12x3.5 mL	628027
Coulter DxH Diluent 10L	628017	Latron Control 8x4 mL CP-X	628024
Coulter DxH Cell Lyse 5L	628019	S-CAL Calibrator 1x3.3 mL	628026
Coulter DxH Diff Pack	628020	Reticulocyte Controls Retic-X (12x3.5 mL)	628028
Coulter DxH Retic Pack	628021	Body Fluid Control 12x3.5 mL	628030
Coulter DxH Cleaner 10L	628023	Linearity Product LIN-X	628029

Find out how the DxH 690T hematology analyzer can help deliver fast, reliable and clinically actionable results with efficiency.

Learn more at www.beckmancoulter.com/dxh690t

References

1. PN 20180122.
2. Based on DxH 900: 2 USVs per year; supported by our service track data.
3. Within the first 12 hours of hospital admission.
4. Based on findings from pivotal clinical trial—SEPSIS CLINICAL ACCURACY PERFORMANCE ON DxH 800 TEST SUMMARY REPORT (PN C07352).
5. Crouser ED, et al., 2019 Crit Care Med 47(8): 1018-25.

Not all products are available in all countries.

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BR-211727



THE RIGHT RESULTS, THE FIRST TIME

The DxH 690T hematology analyzer
Streamline workflow. Maximize walkaway time.



THE DxH 690T HEMATOLOGY ANALYZER

Deliver Fast, Reliable Results

The right results, the first time. The DxH 690T hematology analyzer is designed for ease of use through advanced technologies that optimize laboratory performance. The enhanced Coulter Principle, VCS 360 and DataFusion technologies analyze cells in their near-native state, providing a precise cellular assessment for excellent red blood cell, platelet and white blood cell results on the first pass.

EXPERIENCE

93%

FIRST-PASS YIELD

Experience 93% first-pass yield to streamline throughput

The core technologies of the DxH 690T minimize reflex testing and manual interventions.

- › Obtain 1/3 fewer low-confidence flags than other mid-volume analyzers¹
- › Reduce reruns, costly sample reanalysis and optimize reagent consumption
- › Support lower overall operating costs

Handle the most challenging samples with confidence

Real-time analysis for the identification and correction of interferences, extended counting for cytopenic samples, and particle recognition for RBC lyse-resistant samples—all within one aspiration—for more reportable results the first time.

Free Up Staff Time

- › Enhanced preventative maintenance service proactive remote monitoring and adjustments²
- › Customizable QC, system calibration reminders, automated QC reruns and direct-from-instrument peer-group comparisons (iQAP) uploads
- › 75% fewer QC steps and a 40% faster QC review-software response time²
- › 100-tube load and walkaway capacity
- › Autonomous cleaning cycle

75% FEWER QC STEPS

40% FASTER RESPONSE TIME



0% TOUCHPOINTS FOR DAILY MAINTENANCE

Simplify workload through ease of use

- › User-friendly interface design with an integrated touchscreen monitor
- › Extensive rule-writing capability standardizes sample handling without the need for middleware
- › Easy access to uploadable lab SOPs

Know Sooner with ESId

Support earlier sepsis identification in the emergency department (ED) with the FDA-cleared Early Sepsis Indicator (ESId).⁵

- › Only FDA-cleared hematology-based biomarker for sepsis identification
- › Automatically available as part of a routine CBC with differential for adult ED patients

