Designed for efficiency in your lab.

UniCel DxH 600 Coulter Cellular Analysis System

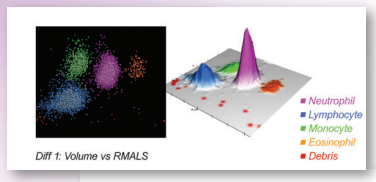
Blood Banking
Centrifugation
Chemistry
Flow Cytometry
Hematology
Immunoassay
Information Systems
Lab Automation
Molecular Diagnostics
Rapid Diagnostics

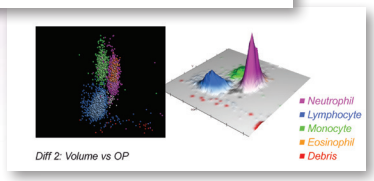
Beckman Coulter is once again leading the way in lean laboratory practices and efficiency with the introduction of the UniCel DxH 600 Coulter Cellular Analysis System.

Delivering exceptional quality of results, first-pass accuracy and efficiency through cutting-edge technology the UniCel DxH 600 Coulter Cellular Analysis System delivers unparalleled value for your mid-to-large volume laboratory—all with a small footprint.

Superior Quality of Results

- Multi-Angle Flow Cytometric Digital Morphology technology and advanced algorithms ensure **exceptional quality of results**
- 29 measurements per cellular event to accurately characterize WBC differential samples, ensuring **first-pass accuracy and efficiency**
- 2D-dataplots, surface plots and 3D-cube formats allow for **enhanced visual cellular investigation**





Flow Cytometric Digital Morphology optimizes system performance

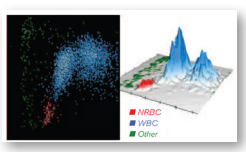
Improved Efficiency

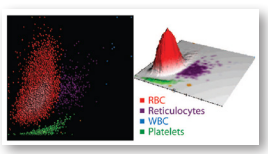
- Extended Decision Rules capability and **Auto-Rerun and Reflex testing** reduce TAT and the need for manual operator intervention
- Run standard and **micro-volume** Whole Blood Sample Tubes in **Automatic Cassette Mode**
- **Single Aspiration Pathway,** simplifies calibration and quality control processes, while eliminating mode-to-mode procedures
- **Intelligent Workload Tracking,** software allows for workload tracking by day, hour and test

BD Microtainer MAP Microtubes* utilized in DxH Cassette

Extended Testing Capabilities

- Multi-Angle Flow Cytometric Digital Morphology technology delivers **Automatic NRBC enumeration**, without the need for additional reagents or expensive stains.
- **Automatic Reticulocyte** and **Body Fluid Analysis** capabilities

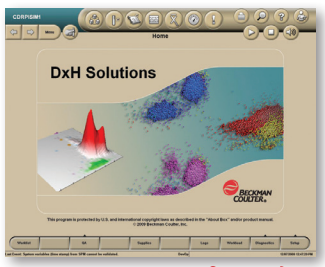




Data Plots and Surface Plots for NRBCs and Reticulocytes

Standardization of Process

- Same technology and User Interface as the UniCel DxH 800 allow for **true standardization of process and results** across the DxH series and **reduces laboratory personnel training needs**
- Shared consumables with the DxH 800 allow for **simplified inventory management**



Easy-to-Use User Interface Reduces Training

Not for distribution in U.S. markets.

UniCel DxH 600 Coulter Cellular Analysis System Specifications

Available Test Menu

CBC	WBC, UWBC, 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

Throughput

Up to 100 samples/hr

Aspiration Volumes

Open/Closed Vial 165 µL

Power

90–264 VAC and 48–62 HZ
DxH 600 System with System Manager and printer draws 1,185 watts
DxH 600 System with System Manager, Printer and UPS draws 2,390 watts

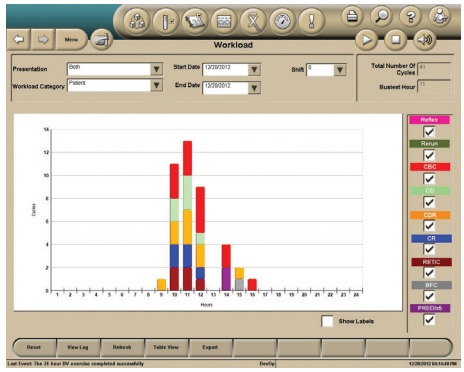
Weight and Dimensions	Depth	Width	Height	Weight
Specimen Processing Module	78.7 cm (31.0 in)	76.2 cm (30.0 in)	96.5 cm (38.0 in)	~117.5 kg (260 lb)
Pneumatic Supply	51.0 cm (20.0 in)	21.6 cm (8.5 in)	36.8 cm (14.5 in)	~18.4 kg (40.5 lb)

Whole Blood Performance — Measuring Range

WBC	0.050 – 400.000 X 10^3 µL
RBC	0.005 – 8.500 X 10^6 µL
HGB	0.10 – 25.50 g/dL
MCV	50.00 – 150.00 fL
PLT	3.0 – 3,000.0 X 10^3 µL
NRBC	0.00 – 600.00/100 WBC
Retic	0.000 – 30.000 %

Data Management

Computer	Microsoft Windows** XP
Database	40,000 Patient results with Graphics
Quality Assurance	QC with Levy-Jennings Graph, XB/XM for Moving Averages, Daily Check, Intelligent Quality Monitoring



Intelligent Workload Tracking Software allows for workload tracking per day, hour and even test

Sample Transport Capabilities

Capacity 20 five-tube cassettes
Bar Codes Digital Bar Code with 2D Bar Code capability
Sample ID Up to 22 characters

www.beckmancoulter.com/DxH

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