

## UniCel DxH Connected Workcell Solutions



# REDEFINING WORKFLOW



### INTRODUCTION >

At Beckman Coulter, we believe in science with a purpose. Through Beckman Coulter's new UniCel DxH Series of connected hematology workcells, your lab can now streamline workflow through smart workload balancing and advanced analytics—providing relevant and thoughtful workflow efficiency while delivering comprehensive and accurate patient results. Moving your lab forward is in our blood.

### CONFIDENCE IN RESULTS >

- › Report results with confidence due to first pass accuracy, efficiency and reduced review rates, all driven by Beckman Coulter's Automated Intelligent Morphology (AIM) flow cytometric technology, Digital Signal Processing (DSP), Multi-Transducer Module (MTM) and advanced algorithms
- › First pass accuracy with multidimensional high-definition cellular analysis enhances visual cellular investigation of abnormal specimens
- › Option to extend the WBC differential through Beckman Coulter's exclusive HematoFlow technology, utilizing multi-color monoclonal antibody technology to enumerate cells that cannot be identified by conventional hematology analyzers or even morphological examination

### BUILT-IN WORKFLOW AUTOMATION >

- › Scalable built-in automation solution, capable of meeting your lab's increasing sample testing requirements
- › Maximize workflow through the DxH Workcell's unique bi-directional sample transport system with automatically distributes samples between the analyzers, preventing any potential for delay in sample testing and the reporting of results
- › Improve workflow and reduce TAT with auto-rerun and reflex testing, driven by user-defined decision rules
- › Easily add critical STAT samples or body fluids without the need to interrupt routine sample testing
- › User-defined decision rules also drive automatic slide preparation and staining, without the need for manual intervention

### WORKFLOW EFFICIENCY >

- › Connect up to three DxH 800s with a DxH Slidemaker Slidestainer to form scalable and customized workflow solutions
- › Increase data management with database consolidation for order entry, results review (up to 90,000 results) and Quality Control management (30 control files, each with 150 runs per instrument)
- › Automatic routing of samples with bypassing of modules in shutdown—the sample transport module simply moves samples to the next instrument available for testing
- › Load samples at a single instrument input buffer, or at multiple instrument input buffers, regardless of instrument position
- › Manage pre- and post-analytical processes efficiently through Beckman Coulter's automation and clinical information systems offerings

Configurations*	Optimum Peak Hour Throughput**	Daily Workload Range	Depth		Width		Height***		Weight****	
			cm	in	cm	in	cm	in	kg	lb
DxH 800	Up to 100 samples/hr	150 -500 samples/day	78.7	31	76.2	30	180.3	71	243.1	660
DxH SMS	Up to 140 slides/hr	150 -500 slides/day	78.7	31	93.9	37	190.5	75	287.3	780
DxH 801	Up to 100 samples and 140 slides/hr	150 -500 samples/day	78.7	31	170.1	67	190.5	75	530.4	1440
DxH 1600	Up to 200 samples/hr	300 – 1200 samples/day	78.7	31	152.4	60	180.3	71	48602	1320
DxH 1601	Up to 200 samples and 140 slides/hr	300 – 1200 samples/day	78.7	31	246.3	97	190.5	75	773.5	2100
DxH 2400	Up to 300 samples/hr	600 – 1800 samples/day	78.7	31	228.6	90	180.3	71	729.3	1980
DxH 2401	Up to 300 samples and 140 slides/hr	600 – 1800 samples/day	78.7	31	322.5	127	190.5	75	1016.6	2760



UniCel DxH 1601

UniCel DxH 801

UniCel DxH 2401



For more information, visit [www.beckmancoulter.com/hematology](http://www.beckmancoulter.com/hematology)

**Not for distribution in the United States**

- \* All configurations ending in 1 include an integrated DxH Slidemaker Stainer.
- \*\* Throughput may degrade with a maximum of 5% in connected workcells
- \*\*\* Height includes floorstand.
- \*\*\*\* Estimated on floorstands loaded with reagents full.

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