

UniCel® DxH Series: NEW Features in Software v3.2.0.0 and v1.3.0.0

Feature	Sample Processing Module	Description			
Sample Aspiration Module (SAM)	DxH 800 DxH 600	Added support for Code 128 5 mil specimen barcodes.			
Weekly Maintenance Flush Reagent Lines	DxH Slidemaker Stainer	New Flush Stainer cycle removes the need to manually transfer reagent supply lines during reagent flush with methanol. Includes weekly reminder for the automated cycle.			
Running Samples	All	A “Specimen Exit Delay” option has been added to the software. – Cassette will only be held for rerun/reflex from the LIS if the option is enabled (default state). Enables earlier unloading of cassettes.			
Transport	DxH Slidemaker Stainer	The SMS transport will not stop if the user removes a cassette that is parked at the front of the SMS output buffer.			
RET# on Controls	DxH 800 DxH 600	The DxH serial number will be included for the RET# field when transmitting Retic-X & patient controls.			
QC Storage	DxH 800 DxH 600	Provide an option to increase QC runs within a file and number of QC files. Increase QC storage will decrease patient storage.			
			Quality Control Configuration	Standard Computer as System Manager	Power Computer as System Manager
		Patient results with graphics	30 files with 150 runs per file	50,000	100,000
			60 files with 300 runs per file	35,000	60,000
Raw data files		12,000	36,000		

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Not Processed Tab	All	The Message field of the “Not Processed” tab now contains the instrument name and additional details of why the specimen was skipped.
CBC Apertures	DxH 800 DxH 600	The system will monitor CBC apertures status. During the Shutdown Cycle, if a partial clog is detected, additional cleaning will automatically be performed using high pressure.
VCSn Flowcell	DxH 800 DxH 600	The system will track consecutive low number and rate of events for NRBC and DIFFs and trigger a new cleaning cycle to clean sample pathway when necessary. This will improve the health of the VCSn sample pathway.
Diagnostic Cycles	All	Updated software to prevent the transport from stopping for most diagnostic procedures.
NRBC Mix Chamber	DxH 800 DxH 600	A screen has been added to the NRBC mix chamber to aid in reducing the amount of flow cell clogs due to cap coring. The screen is automatically back flushed to the waste line as needed.
Daily Checks	DxH 800 DxH 600	An automatic Daily Checks Retry was added when the background check fails on the first try. The retry occurs one time.
Dropped Baskets	DxH Slidemaker Stainer	Robot movements were optimized to increase precision and minimize transport errors and alignment issues.
Cassette Transport	Workcell and Lab Automation	The transport algorithms were improved to allow gentler cassette movement within the UniCel and between the LAS. This improves performance at the input buffers. Samples that originate at the LAS will be returned back to the LAS instead of exiting to a DxH output buffer.
ReadMe File	All	PN: B44444AE UniCel DxH Series with System Manager ReadMe: Versions 3.2.0.0 and 1.3.0.0 World Wide Web: Beckmancoulter.com
IFU Instruction for Use manual	All	PN: B26647AD UniCel DxH Series Instructions for Use manual World Wide Web: Beckmancoulter.com