

## DxH 600/800/900 PMI Checklist

Account Name:

Sys ID/Serial Number:

Date:

For Calibration Procedures, adjustments, specifications and verifications reference the UniCel DxH 800/600 Hematology Analytical Stations Service Manual PN 4237476

### System Operational Assessment

**List Issues:**

#### Section > 1 Perform Open Service Mods

**List Service Mods completed:**

#### Section > 2 - System Operational Assessment

**Document all observations or areas of concern on the checklist:**

## Section 3 &gt; CBC Module/Left Side of Instrument Inspection/Performance verification

<u>Inspect/replace</u>	<u>Ins</u>	<u>Rpl</u>	<u>Cleaning</u>	<u>Complete</u>
Transducer panel, baths/chambers			Flush HGB Chamber Vent	
FMI pump connections/fittings				
CBC waste chamber VC115			<u>Procedures</u>	
Replace Count Vac Reg. choke tubing			Check Count Vacuum	
Inspect HGB Chamber			Hgb Blank Verification	
Inspect WBC bath to HGB chamber tubing			Flush Vac supply, VC115 (port 5)	
@ MF 330				
Low Volume Reagent Buffers VC321-VC326				

## Section 4 &gt; VCSn Module/Right Side of Instrument Inspection/Performance verification

<u>Inspect/replace</u>	<u>Ins</u>	<u>Rpl</u>	<u>Cleaning</u>	<u>Complete</u>
Diff and Retic mix chambers			<u>VCSn</u>	
Sample aspiration tubing (3) MC > FF 230, 240, 250			Remove and clean DV	
Sample aspiration tubing (3) FF230, 240, 250>DV			<u>Procedures</u>	
Lower sheath input tubing PL275 to FC port 2			Verify MTM alignment/cal	
Inspect / Flush Flowcell waste path			Verify Diff flow rate	
VC340 Vacuum Bleed Tubing choke (PN 6232158) and vent port (PN A63898).			Verify NRBC whole blood cal	
VL341 and VL342 (See table 1.7-20 of the UniCel DxH Hematology Analytical Stations Parts Manual for the corresponding valve part number.)				

CBC/Left Side and VCSn/Right Side notes:

Section 5 > SAM Module Inspection / Performance Verification			
<u>Inspect/replace</u>	Ins	Rpl	<u>Cleaning</u> Complete
Probe wash collar (see cleaning)			Probe wash collar
Aspiration probe			Tube detect flag area of coring
Aspiration tubing / connections			Sam X axis rods
Aspiration syringe assy			BSV Surface
			<u>Procedures</u>
			SAM alignment
			Verify Blood Detectors
			Probe Wash Collar Alignment

Section 6 > STM Module Inspection / Performance Verification			
<u>Inspect/replace</u>	Ins	Rpl	<u>Cleaning</u> Complete
Cassette mixer belt tension			STM surface
Single-tube station sensors/switch			Cassette bar code scanner
Single-tube station tube clips			Single-tube bar code scanner
Pending buffer sensors			X axis rods

Section 7> Pneumatic Services Module (PSM)			
<u>Inspect/replace</u>	Ins	Rpl	<u>Cleaning</u> Complete
PSM Tubing			PSM Filters Elements
PSM internal			Vacuum trap jar and fittings
PSM mufflers			<u>Procedures</u>
			Check Pneumatic Supply (static)
			Pneumatic Supply (static)
			Vacuum transducers (F10)

Section 8 > Floor Stand Inspection			
<u>Inspect/replace</u>	Ins	Rpl	<u>Cleaning</u> Complete
Reagent supply tubing			Air filter
Door mounting hardware			
Drawer safety latch operation			

Section 9 > Final Performance Verification
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<p style="text-align: center;"><b>Complete</b></p>
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<p>Install all covers</p>
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<p>Daily Checks (X3)</p>
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<p>Whole blood repeatability</p>
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<p>Whole blood carryover</p>
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<p>Latron (X5)</p>
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**Final Performance Verification Performed by:**

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