

40 Point AutoFlex PM Checklist

CHECKED AND PASSES INSPECTION		
MAY NEED FUTURE ATTENTION		
REQUIRES IMMEDIATE ATTENTION		
Exterior Inspection		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The bench is level and the instrument does not wobble		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is adequate space around the instrument		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The instrument feet are not damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The temperature of the lab is acceptable		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is no acid or base preparation near the instrument		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The instrument is away from exhausts from other instruments		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External tubing connectons are securely tighten to measurment instruments		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External tubing is inspected for no staining or wear		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Instruments connected to the R837 are functioning properly		
Interior Inspection		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is no sample leaking inside of the inside of the instrument		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The electronic boards are free from oxidation or contamination		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power supplys are inspected and voltages checked		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power entry curcuit is inspected for visual damage		
Needle Tower Inspection		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Needle tip is in good condition and inner ports are not clogged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The needle tower is secured tightly to the carousel assembly		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The lead screw is clean, new grease applied with no signs of old grease build up		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The needle is gliding properly on the lead screw with no binding or noise		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The flag sensor boards are inspected for proper alignment		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All cable connections are secure and not damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The X-Y-Z axis is inspected for proper alignment to the carousel and waste station		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The needle cup o-ring and internal needle seal o-ring are replaced		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The waste tubing is clear from clogs, securely tightened and pitched properly to waste		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The tube spinner is aligned properly to the test tubes and the belt was replaced		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The barcode scanner is clean and aligned preprly to the test tube barcodes		
Carousel and sample platter Inspection		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All cable connections are secure and not damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The carousel spins freely and does not bind		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ball bearing assembly is free from debris and the belt is not damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The sample platter is tight to the carousel and is level all around		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The sample racks are clean or bent and are aligned to each other		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The color codes for each rack match the AutoFlex software positions		
Valve Box Inspection		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All cable connections are secure and not damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External desiccant is blue and tubing is not clogged or damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal valve connections are tightly secured		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal tubing is inspected for sharp bends, loose connections and wear		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internal sample and rinse light gate tubing is inspected has no staining present		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air and Vaccum pumps are working properly with no air leaks		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vlave box PSI and HG checks performed using an approved PSI/HG guage		
Rinse Rack Inspection		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All cable connections are secure and not damaged		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rinse solution is filled and has correct solvents per customers SOP		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rinse rack light gates detect no rinse solution fault		