

30 Point Refractometer 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"/>	The fan filter is installed, clean and the air is flowing at an adequate speed
Interior Inspection			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	There is no sample leaking 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"/>	All cable connections are secure and not damaged
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Power supplies are inspected and voltages checked
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All gasket(s) and sealing properly and not damaged
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Power entry circuit is inspected for visual damage
Optical system Inspection			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The prism is not scratch or damaged
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Prism well and top plate are not damaged
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Heatsink assembly is clean, attached properly and has adequate airflow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The desiccant is blue and replaced (external only)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The optics box is visually sealed per factory standards
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The optics box gasket is aligned and not damaged
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No visual signs of leakage in or around the optics box
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Optics interface board is sealed properly
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Measure and Reference LED levels are checked/adjusted to factory standards
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Prism temperature control power functions checked through a terminal program
Presser Inspection (if applicable)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Presser cable is connected securely and is not damaged
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Presser nose capture ring is making a proper seal around the prism insulation ring
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Presser nose assembly is not damaged or oxidized
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pressure heatsink assembly is not damaged and is tight to the thermal riser block
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Presser temperature control power functions checked through a terminal program
Display assembly Inspection			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The display is clear and easy to read
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The touch panel is not damaged and is aligned
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The display assembly gasket is not swollen or damaged