

GSTIN:- 08CIUPP8490B1ZL

# SP DIAGNOSTIC

Sales & Service Medical & Laboratory Instruments.

## Nihon Kohden 6400 PPM Checklist

### Purpose

This document provides a list of scheduled preventive maintenance procedures to be performed at the recommended frequencies.

Institution Name:	Vishwakarma Pathology Lab		
System Serial No.:	10700	Software version and install date:	MEK-6400K-VER01.06
Frequency:	After 30,000 samples or at minimum annually		
PPM Date	18/02/2021	PPM Due Date	17/02/2022
Warranty:	<input type="checkbox"/>	Contract:	<input type="checkbox"/>
		On Demand:	<input type="checkbox"/>

### Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel.

Error! Reference source not found.	
<b>Check the State of the Analyzer</b>	
Run a Self-Test and check DC levels.	<input checked="" type="checkbox"/>
Perform a Pressure Offset Adjustment and check values.	<input checked="" type="checkbox"/>
Drain the Temperature Control Unit.	<input checked="" type="checkbox"/>
Drain the Flow Cell.	<input checked="" type="checkbox"/>
Empty the RBC/PLT, WBC, and MIX chambers.	<input checked="" type="checkbox"/>
<b>Inspect the Valves</b>	
Check for dirt or deposits and any sign of spills.	<input checked="" type="checkbox"/>
Activate each valve and check movement.	<input checked="" type="checkbox"/>
Check tubing and vent on valve #5, Replace as necessary.	<input checked="" type="checkbox"/>
Check tubing and vent on valve #5. Replace as necessary.	<input checked="" type="checkbox"/>
Check tubing and vent on valve #34 and #35. Replace as necessary.	<input checked="" type="checkbox"/>



<b>Inspect All Tubing</b>	
Check for deposits in tubing and clean with bleach and DI water.	<input checked="" type="checkbox"/>
Check all tubing connections and replace tubes where necessary.	<input checked="" type="checkbox"/>
If tubes will not clean properly, replace them.	<input checked="" type="checkbox"/>
<b>Inspect the Chambers</b>	
Check all chambers for scratches or cracks.	<input checked="" type="checkbox"/>
Remove chambers to check for spills or cracks.	<input checked="" type="checkbox"/>
If the electrode can be moved by hand, replace the chamber.	<input checked="" type="checkbox"/>
Inspect and clean the flow cell.	<input checked="" type="checkbox"/>
<b>Inspect the Temperature Control Unit (TCU)</b>	
Remove and inspect the TCU.	<input checked="" type="checkbox"/>
Replace TCU tubing as necessary and clean dust from the fan and heat sink.	<input checked="" type="checkbox"/>
<b>Inspect the Wash Head and XY Block</b>	
Clean and lubricate the XY unit and optical board.	<input checked="" type="checkbox"/>
Verify the wash head metal ports and vertical movement inside the XY block.	<input checked="" type="checkbox"/>
<b>Verification and Adjustments</b>	
Perform pneumatic initialization, fill the flow cell and TCU and run a Stress test.	<input checked="" type="checkbox"/>
Perform wash head and needle verification.	<input checked="" type="checkbox"/>
Calibrate the blood sensor, run blood samples, check results and run a Repeatability test.	<input checked="" type="checkbox"/>
Preventive Maintenance final status	Pass

Notes:

Date	Signature (FSE)	Print name

