

Total Preventative Maintenance Plan

Process	Frequency	Maintenance Standard	Required Equipment	Estimated Time
Full Visual Inspection	D	Check for missing/damaged parts. Check for abnormal vibrations.	Visual	< 2 Mins
Check Guards and Covers	D	Repair/replace damaged/missing covers.	Visual	< 2 Mins
Check Pneumatic Pressure	D	Check the regulator pressure is set to 0.46MPa.	Visual	< 2 Mins
Check Main Air Inlet Filters	D		Visual	< 2 Mins
Clean Worktable	D	Worktable should be clear of dirt, grease, and swarf.	Lint free cloth, Handy Foam	< 5 Mins
Clean Optical Scales	D	Scale should be free of grease.	Lint free cloth Isopropanol ONLY	< 5 Mins
Clean Bearing Ways	D	Bearing way should be clear of dirt, grease, and swarf.	Lint free cloth, Fastklean ONLY	< 10 Mins
Check The Jogbox Cable	M	Ensure cable outer sheath is undamaged.	Visual	< 2 Mins
Clean The CMM Frame	M	Frame should be clear of dirt, grease, and swarf.	Lint free cloth, Handy Foam	< 10 Mins
Check E-Stops	M	Physically intact and in working order.	Physically depress to ensure operation	< 2 Mins
Check Buttons and Switches	Q	Physically intact and in working order. Physically depress to ensure operation.	-	< 2 Mins
Check Air Pipes for Leaks	Q	No leakage of positive air.	Torch	< 10 Mins
Counterbalance Wire	5M	Carefully inspect, clean, and grease the steel wire counterbalancing cylinder.	NLGI 1 Rated Grease, 3mm Hex Key	< 15 Mins
Check Axis Reduction & Drive Belts	5M	Ensure there are no signs of wear or that belt is loose.	Visual	< 15 Mins

Key

D	M	Q	5M
Daily / Every 8 Hours	Monthly / Every 165 Hours	Quarterly / Every 500 Hours	5 Monthly / Every 850 Hours