

Maintenance Guideline

Frequency	Task	For More Information
Weekly	Clean and inspect the wiper.	Check the wiper to ensure that it is not damaged. If there is backsplash from printing resin go ahead and clean the area with alcohol. (Page 6-31)
After every print job	Clean the print heads and the roller surface.	Clean the heads by accessing the "Head Cleaning Wizard" found in the "Options" menu on the printer computer. (Page.6-28)
Weekly	Perform the pattern test.	To perform the pattern test, use the pink paper that is supplied with your printer. You will cut the paper in half and place it in the center of your tray, secured with tape. Then Press "F3" or start the Pattern Test, found in the "Options" menu (Page 6-33)
Weekly - when printing with MED610	Calibrate the UV intensity.	If you are printing with Med610 you will need to calibrate the UV intensity weekly. To perform UV calibration go through "Options" and select "UV Calibration". (Page 6-62)
Weekly	Restart the printer computer and the server computer.	While accessing the Printer PC remotely you can go to the start menu and select to "Restart" the PC. After the printer PC is restarted you can restart the Server PC (PC with Objet Studio)
Every 300 hours of printing (A reminder message appears.)	Calibrate the UV intensity.	If you are using a material which is NOT Med610 you will perform UV Calibration every 300 hours. The printer will prompt you when this UV calibration needs to be performed. (Page 6-62.)
Every 300 hours of printing	Optimize the print heads.	To initiate the print head optimization, first go to the Wizard menu and select "Head Optimization" (Page 6-43)
Monthly, and after replacing print heads	Check the alignment of the print heads.	Head Alignment Wizard takes about 20 minutes & requires use of the transparency supplied with your printer. To initiate, start the "Head Alignment" Wizard from the "Options" menu. (Page 6-39)
Every 500 hours of printing, or once every six months	Calibrate the load cells.	Calibrating the load cells is a very easy task and can be started from the Load Calibration Wizard under "Options". Performing this calibration will ensure the measurement of resin is accurate. (Page 6-65)
Every 1000 hours of printing, or once a year	Preventive maintenance.	Performed by a Stratasys Service Engineer. (Page 6-97)
Once a year	Inspect the activated-carbon odor filter, and replace if necessary.	On the back of the printer in the center silver panel is an odor filter. You can pull out the door and inspect the filter. Replace once a year or if upon inspection it is noticeably dirty. If you are using a ventilation system it is not necessary to replace the filter.(Page 6-67)
Once in two years	Calibrate the UV sensor	Performed by a Stratasys Service Engineer.

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