

stratasys[®] FDM SYSTEMS



PREPARE YOUR PRINTER FOR EXTENDED DOWNTIME

1. Unload your material and keep it in a cool, dry place.

It's important to store your material in a temperature controlled environment with low humidity. When stored properly, material can last for several years whereas improper storage conditions will shorten the life of your material.

2. Double check storage conditions for all of your material.

Oftentimes buildings will adjust temperature settings when schools close over seasonal breaks. To maximize the shelf life of all of your materials, make sure storage conditions are up to snuff despite any planned changes within your school's facilities while students are away.

3. Take a material "age" inventory.

Look at your remaining stock of material, check the age of each package, and set out a plan to use your oldest material first. Although material for FDM 3D printers does not have a hard expiration date, it does have a shelf life that varies depending on storage conditions. It's always best to use your oldest material first.

4. Check if it's time to perform any user maintenance procedures (i.e. replace the brush and flicker assembly, tips, or tip shrouds).

These maintenance items vary by model. See the Maintenance section of your User Manual for more details.

5. Once your machine is shut down, clean out any material buildup with a vacuum or shop vac.

Don't forget to unplug your machine after shutting down to avoid any electrical issues from unexpected power surges while you're away.

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POLYJET SYSTEMS



PREPARE YOUR PRINTER FOR EXTENDED DOWNTIME

1. Wipe print heads clean with a lint free cloth after the final print job before shutting down the machine.

Apply Isopropyl Alcohol to the cloth and wipe the head evenly from back to front. Use the Print Head Cleaning wizard to guarantee the best results. This is also a good opportunity to remove any additional material buildup inside the machine.

2. Properly shut down your machine.

- Use the Shutdown Wizard if you do not plan to use the printer for 5-7 days. The Shutdown Wizard will assist you in making sure all of the proper maintenance steps are taken and clears the print head of materials before shutdown.
- Use the Material Flush/Fill Wizard if you do not plan to use the printer for a period longer than 10 days. The Material Flush/Fill Wizard will purge the system of any existing resin and fill the system with the cleaning solution that was provided with the printer at purchase. Do not allow your system to sit idle longer than 10 days or significant damage can be done.

3. Take a material “age” inventory.

Look at your remaining stock of material, check the manufacture date of each package, and set out a plan to use your oldest material first when you return. That way you can be sure you use all of your material before any of it expires.

4. Make a note to run through all the proper maintenance procedures when you return to ensure proper print quality.

These maintenance items vary by model. See the Maintenance section of your User Manual for more details.