

Material Replacement Wizard

The Material Replacement Wizard flushes the print block and feed tubes so you can produce models using a different type of model material (resin) than is currently installed .

You can replace either a model-material cartridge or a support-material cartridge with one containing a different type of printing material .

Note :Make sure that the printer cover is closed before beginning this procedure.

Compartment Selection

You can replace any or all of the material cartridges currently loaded in the printer.

In the next screen, you choose the type of material you want to load.

Material Selection

From the drop-down list, select the type of material you want to load for the compartment(s) shown.

Note : You selected the compartment(s) shown in the previous screen. To change the compartment selection, click **Previous**.

Flushing Options

The wizard purges (empties) printing material from the print block, and then flushes the system with new material. Choose how thoroughly you want to flush the system.

Economy

This cycle can be used when replacing a light-colored model material with a darker material (such as TangoBlack [™] or VeroBlack [™]), or if the exact color of the printed models is unimportant.

The wizard flushes the system with only the minimum amount of material needed to ensure that models have the *mechanical properties* of the new material.

Efficiency

This option is adequate, in almost all situations, for printing models with uniform and accurate color. It is recommended because it can potentially save 25 to 75 percent of the material used to flush out the old material, compared to the *High Performance* cycle. Note, however, that there may be times when the shade (color) of the printed model is slightly affected by material previously used.

The wizard identifies the feed tubes and print heads requiring cleaning, based on your selections in the previous screens, and flushes only these parts of the system.

High-performance

Use this cycle when the printed models must have the *exact color* of the new material.

The wizard thoroughly flushes *all* of the feed tubes and print heads needed for printing, based on your selections in the previous screens. This is done even if a selected material is already present in the system, since it might contain small amounts of material previously used.

Material Replacement Wizard

If you continue, you must complete this procedure before you can produce models .

To perform the material-replacement procedure at another time, click **Cancel** .

If you continue (by clicking **Next** (and you do not complete the procedure, you must run the Material Replacement Wizard again before producing models.



Dispose of model and support material cartridges in accordance with all applicable laws and regulations .

Load Cartridge

This wizard screen appears when one or more of the following conditions occurs:

- A loaded cartridge does not match the material type you selected in the previous wizard screens.
- A required cartridge does not contain enough material.
- A required cartridge is missing.

Note :Support *and* Model cartridges must be loaded, even if only one type is being replaced.

Load the required cartridges, and confirm that you have done so in the wizard screen .

Material Replacement in Progress

The elapsed time for this step is displayed.

Material Replacement Completed

You have completed the Material Replacement Wizard.

Make sure that the screen displays the newly-loaded material(s).

The printer-control interface is automatically updated, and should display the new materials.

The Objet Studio interface (on the printer-server workstation) is automatically updated, and should also display the new materials.