

Ultimaker PVA removal station: walkthrough guide

This guide aims to take you through the steps of using the PVA removal station to dissolve the PVA supports on models printed on the Ultimaker printer.

The PVA removal station is only to be used on models printed using PVA supports (on U002), to dissolve these supports. Do not try to use it to do anything else. See the [Ultimaker S5 and S7 walkthrough guide](#) for information on how to print with these supports.

1. Ensure PVA removal station is filled with water (it must not be filled with any other liquid).
Note: the PVA removal station is very heavy when filled with water. If it doesn't have water in or the water needs changing, please contact us via it-training@york.ac.uk
2. Take the metal basket (you may need to remove it from the PVA removal station) and place your print inside, then adjust to hold your print in place. Close the lid of the basket to lock the adjustable part in place.
3. Place the metal basket (with your print inside) into the PVA removal station. Put the lid on the PVA removal station.
4. Press the power button to turn it on. Click on the rotor button to start it – you can change the speed between normal and slow by pressing the rotor button again.
5. To check if the PVA has dissolved, press the rotor button to turn off the rotor, then remove the metal basket to look at the model.
6. It can take a while for the PVA to dissolve – Ultimaker's own guidance suggests somewhere between 1 hour and 8 hours. You can use tools to remove some of the PVA manually to speed up the process if needed. If you need to leave it on to remove more PVA, just put the metal basket back in, put the lid back on, and turn the rotor back on using the rotor button.

7. Once the PVA has been removed, you can remove the basket and remove your model. You can turn the lid upside down as a drip tray for the metal basket when you remove it.
8. Make sure you leave the PVA removal station tidy and as you found it, so others can use it.

As with the printers, if there are any issues with the PVA removal station, please email it-training@york.ac.uk and do not attempt to fix it yourself. If the water needs changing, please email us on that email address as well, as the PVA removal station is very heavy to carry to the sink and back.