UNIFORMATION

Enjoyable Creation, Better Experience

USER MANUAL

Wash 3 Ultra

Contents

1. Note

Please always remember the following warnings when assembling and using the machine. Failure to comply with these warnings may damage the machine or cause personal injury.

If any accessories are missing upon receiving the goods, please contact customer service for a replacement.

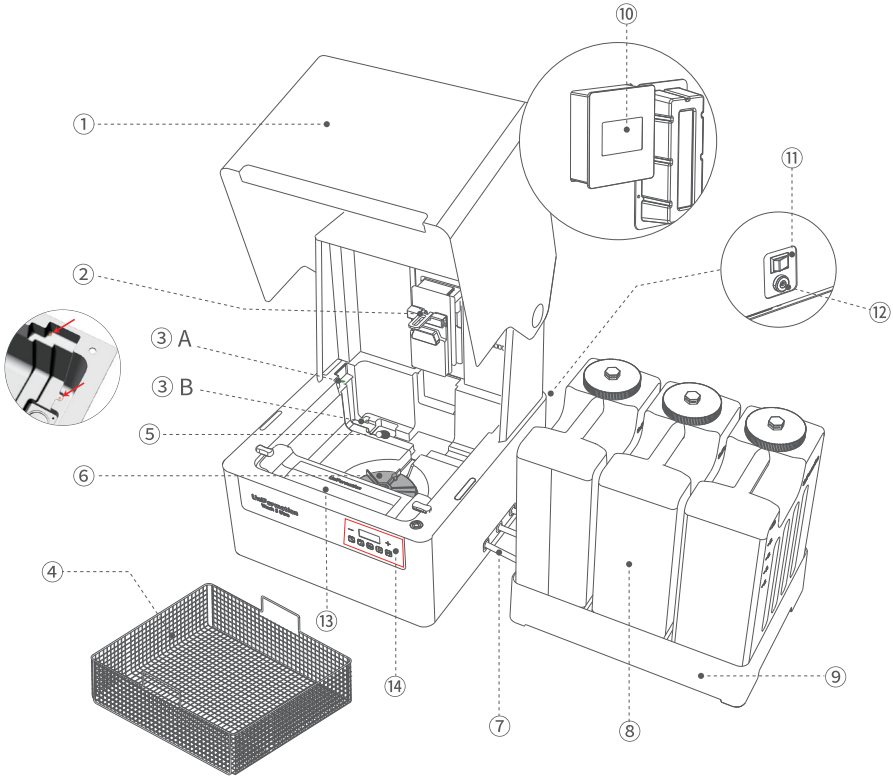
The cleaning machine contains moving parts. Be careful not to trap your hands.

Please use the cleaning machine on a level table in a spacious and well-ventilated environment.

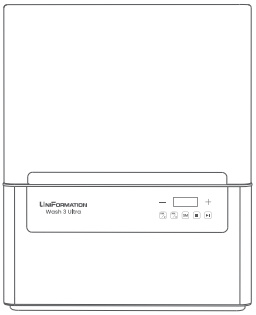
Only put the basket in the machine when selecting the SM cleaning option, otherwise, will damage the swivel mechanism of the Z-axis.

2. The Main Components

① Protective cover
② Lock design for GK3 Ultra
③ Liquid level sensor A
Liquid level sensor B
④ Basket for regular cleaning mode
⑤ Side valve
⑥ Vortex
⑦ Connecting tubes
⑧ Solvent containers
⑨ Base of the containers
⑩ Air purifier
⑪ Power switch
⑫ 24V DC power interface
⑬ Cleaning space adjuster
⑭ Touch button

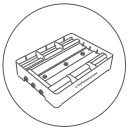


3. Packing List

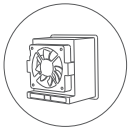


Wash 3 Ultra

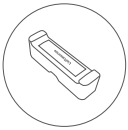
Solvent container cover x3



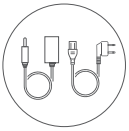
Container base x1



Air purifier x2

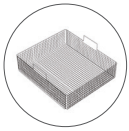


Cleaning space adjuster x1



Power cord and adapter x1

Connecting tube x3



Basket for regular cleaning mode x1

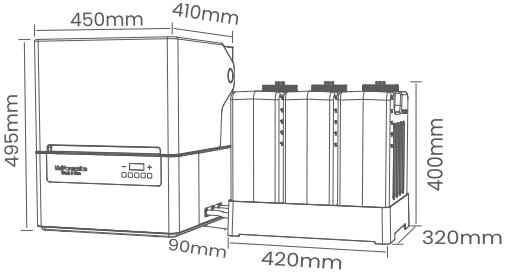
Manual x1

4. Product Specification

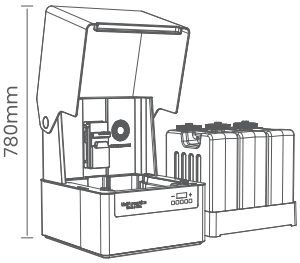
The UniFormation Wash 3 Ultra washing machine uses automatic rotation to thoroughly clean prints. It is compatible with the GK3 Ultra build plate, allowing for the selection of 2-stage or 3-stage automatic cleaning modes. Alternatively, it can be used with the cleaning basket to choose the normal cleaning mode.
The UniFormation Wash 3 Ultra has three 10L liquid containers. Solvents are drawn sequentially during each cleaning stage. Additionally, it is equipped with a built-in air filter to reduce odor during washing.

Product name:	Wash 3 Ultra
Product size：	410*450*H495mm
Packaging weight:	30kg
Cleaning size:	300*165*H280mm (match the cleaning size of GK3 Ultra build plate)
Washing basket cleaning size:	290*335*85Hmm
Cleaning method:	Rotary cleaning
Cleaning capacity:	10L
Timing range:	0-3 minutes, single stage cleaning default is 1.5 minutes
Operation method:	Touch button
Input voltage:	24V
Power：	72W

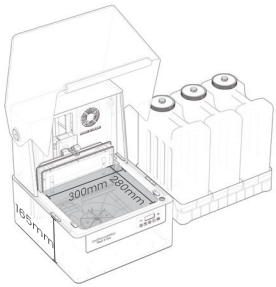
Wash 3 Ultra size:



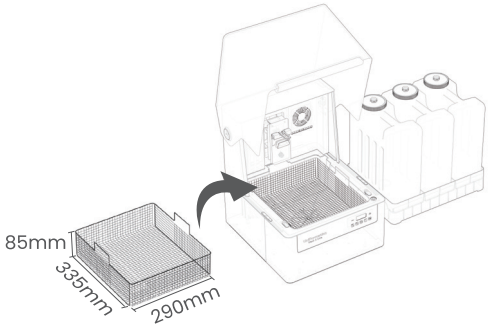
Dimension(with lid open):



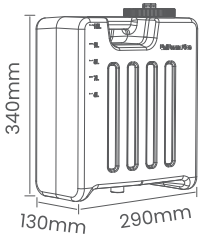
Cleaning size:



Washing basket cleaning size:



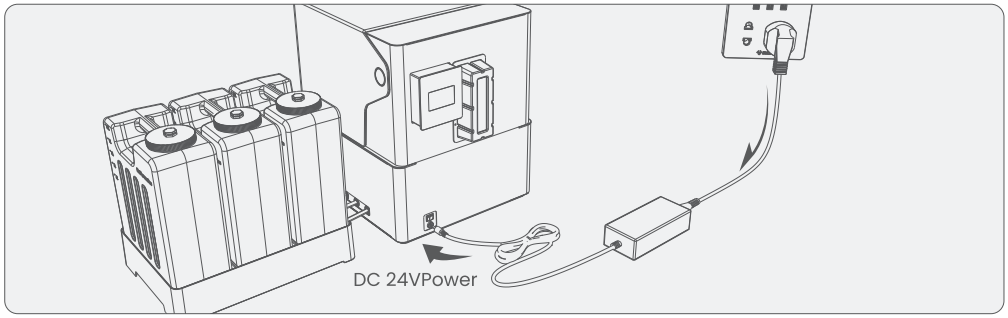
Solvent containers size:



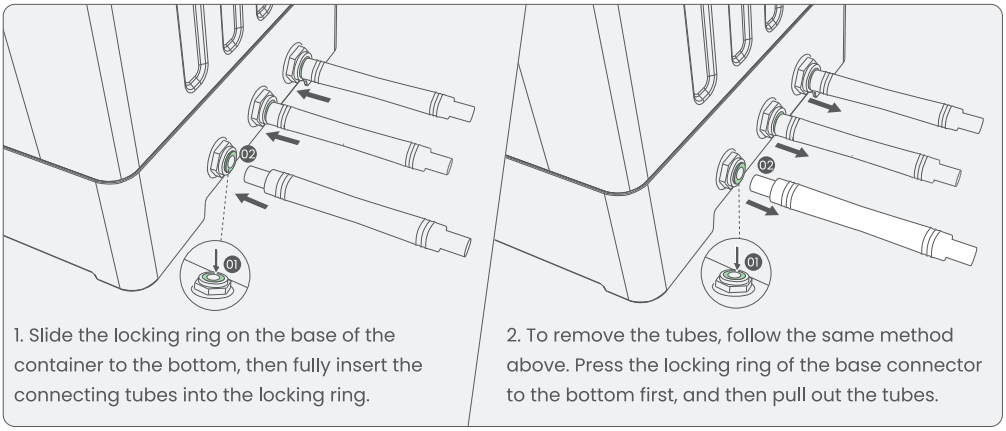
5. Setup

Please ensure that the three containers, container bases, and connecting tubes are intact before installation to prevent any leakage due to damage.

1. Plug the DC power supply into the socket on the back of the cleaning machine.



2. Connect the three tubes to the base of the containers using the following method:

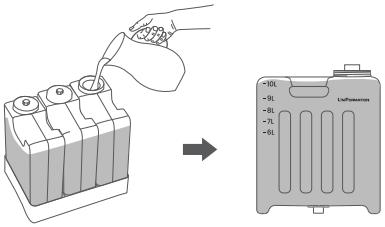


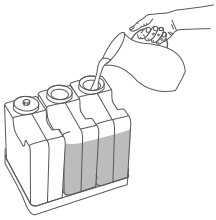
1. Slide the locking ring on the base of the container to the bottom, then fully insert the connecting tubes into the locking ring.

2. To remove the tubes, follow the same method above. Press the locking ring of the base connector to the bottom first, and then pull out the tubes.

3. After connecting the three tubes and the base of the containers, place the base on the right side of the cleaning machine, connect the tubes to the cleaning machine.

4. Inject the cleaning solution into the cleaning agent bucket.



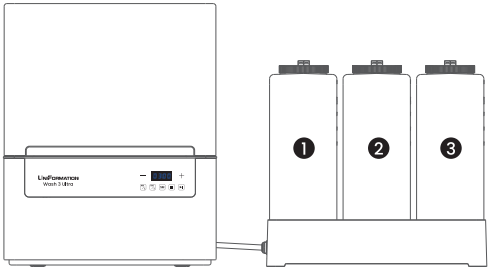


❶ About 10L of cleaning agent needs to be injected into each cleaning machine bucket.

❷ If you choose the two-stage cleaning mode, you will only need to fill two containers.

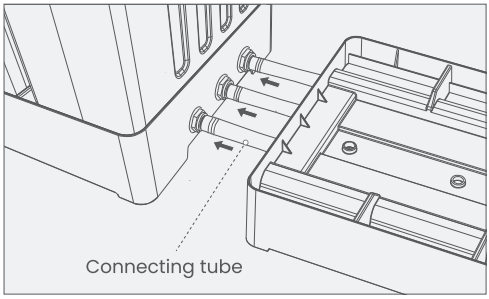
Note: Because the cleaning agent extracted to the cleaning machine needs 10L (there is a scale on the barrel) to reach the position of the sensor.

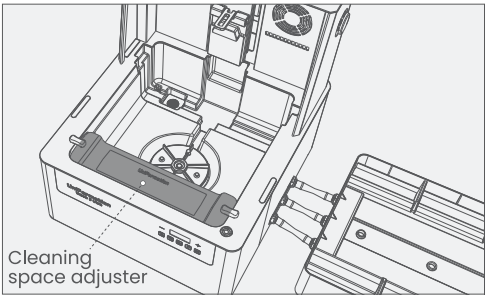
5. Place the container with used solvents in the first slot and the containers with new solvents in the second and third slots. The cleaning machine will then draw and use the cleaning liquid from each slot in sequence.



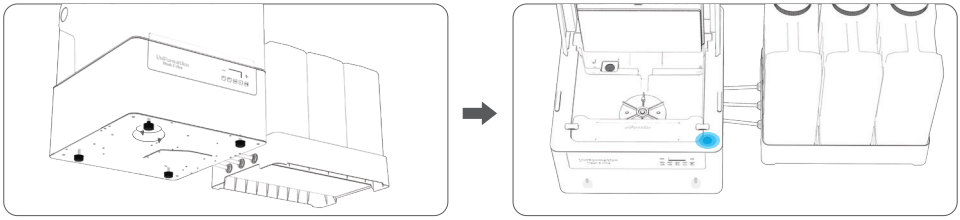
6. After assembly, please check each connection to ensure there are no leaks. If you find any leaks, please remove the container and reconnect the tube. If there are no leaks, you can then turn on the power switch located at the back of the machine and proceed to the next step in the instructions for cleaning.

7. If the prints that need to be cleaned are small parts, you can add the space adjuster to reduce the volume of the cleaning tank, you need to pump out 7L liquid and start cleaning. This will help to save the solvents.





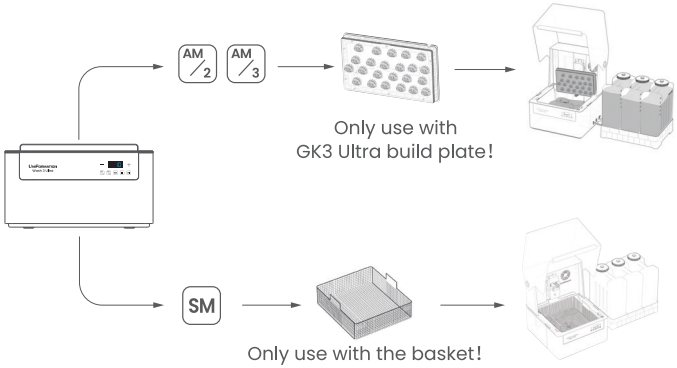
8. After comp leting all previous steps, adjust the machine foot pads using the level gauge as a reference, ensuring the bubble is centered.



6. Instructions for Use

Cleaning Process:

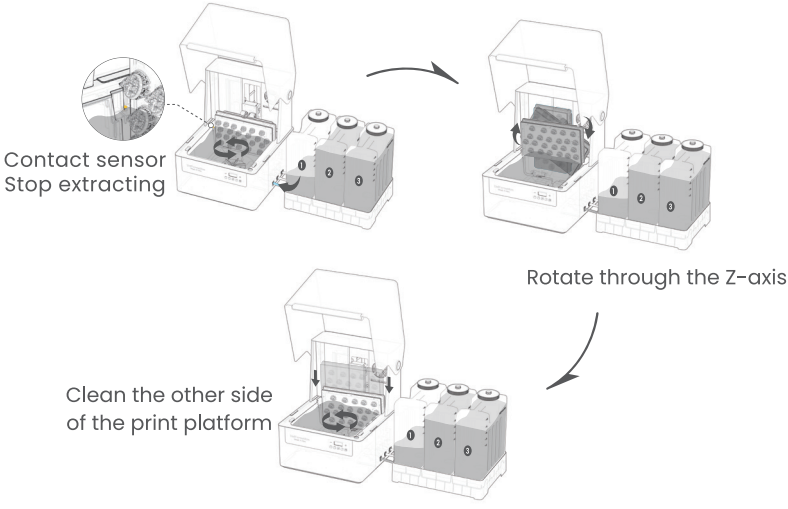
1. Please do not put the basket in the machine when you select the AM/2 or AM/3 cleaning options. These options only work with the GK3 Ultra build plate, putting the basket in the machine will damage the swivel mechanism of the Z-axis.
2. You should only put the basket in the machine when selecting the SM cleaning option.



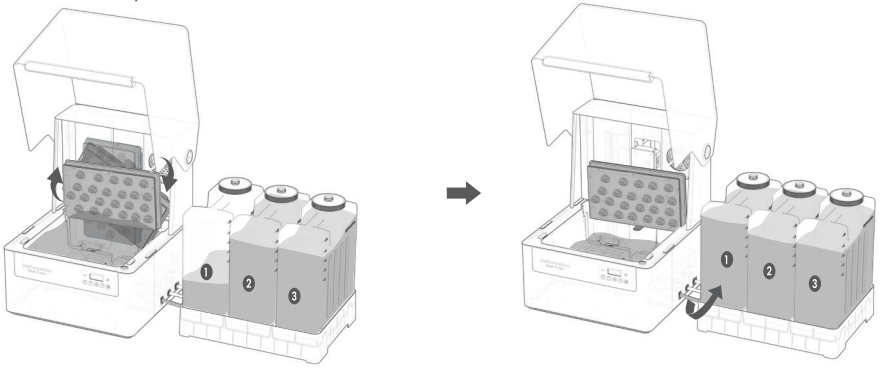
First stage cleaning:

a. After cleaning starts, the machine draws the solvents from the first container into the cleaning tank.The extraction stops when the liquid level reaches sensor A, then the vortex starts and rotary cleaning begins.

b. If using the GK3 Ultra build plate, the solvents may not cover the entire plate. After cleaning one side, the Z-axis will rotate to clean the other side.



Once the first stage of cleaning is complete, the build plate will then rotate several times to allow the solvents inside any hollowed-out prints to flow out. The container will then recycle the solvent through the side valve for storage automatically.

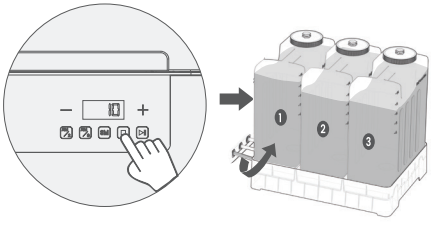


Second stage cleaning:

1. Similar to the first cleaning, the machine draws solvents from the second container into the cleaning tank. The extraction stops when the liquid level reaches sensor A, the vortex then starts and rotary cleaning begins.

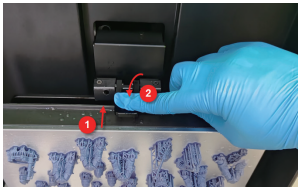
2. After the second cleaning is complete, all the solvents in the tank will be drawn back into the second container.

3. If you press the stop button midway, the solvent in the tank will be recycled back into the original container.

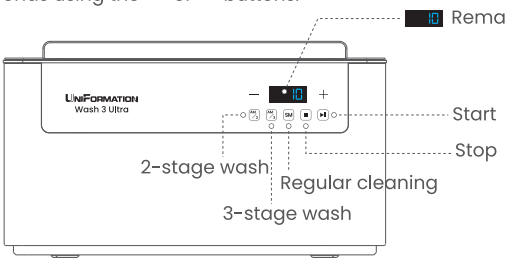


7. User Interface Introduction

1. Cleaning with GK3 Ultra build plate.
a. Attach the GK3 Ultra build plate to the Z-axis with the prints on:



b. Select the cleaning mode.
For example, click "AM/2" to start automatic cleaning. You can adjust the cleaning time in seconds using the "+" or "-" buttons.



Press the "+" to increase the cleaning time by 10 seconds, and the "-" to decrease it by 10 seconds. After setting the cleaning time, press the start button to begin the automatic cleaning process.

c. After cleaning is completed, the machine will make a prompt sound.
d. If you need to stop the cleaning process before it's finished, press the "stop" button. This will interrupt the cleaning process and return the solvent to the corresponding containers.
2. Cleaning with the Washing Basket.

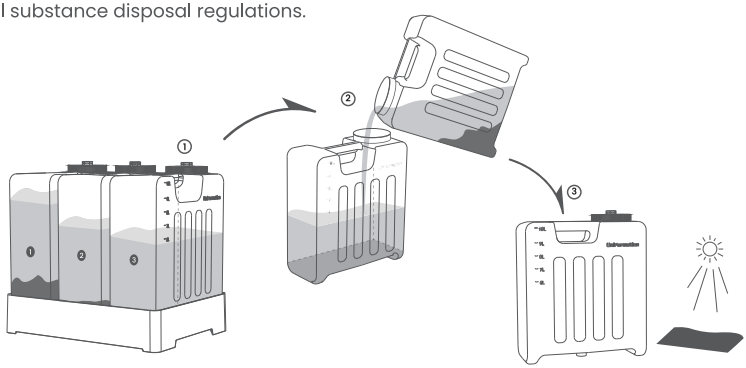
> ⚠ Notice: This cleaning mode runs two cleaning stages as a default. Fill both the first and second containers with 10 liters of solvent each. In this mode, the cleaning machine does not move up or down; only the liquid in the cleaning tank swirls around to clean the model.

a. Place the prints into the cleaning basket.
b. Press the "SM" button for normal cleaning. The "SM" button will flash.
c. Use the "+" or "-" button to set the desired cleaning time (in seconds). Press the "+" button to increase the cleaning time by 10 seconds and the "-" button to decrease the cleaning time by 10 seconds.
d. After setting the cleaning time, press the start button to begin cleaning.
e. After cleaning is completed, the machine will make a prompt sound.

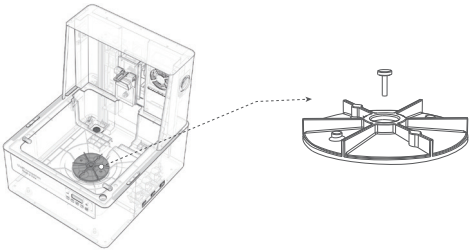
8. The Common Problems

1. Leaking through the Connecting Tubes.
Leaking can happen if the tube connectors are not properly plugged in. Follow the steps for connecting the tubes and make sure to reconnect them securely.
2. If the cleaning machine is not working normally, turn off the power and then restart it.
3. After extended use, especially the first cleaning container, which may have more resin residues, let the container sits for a day. Then, pour the upper layer of the cleaning liquid into another container for storage. Pour

the dirty cleaning liquid at the bottom into another container and cure it with ultraviolet rays in the sun for a few days. The cured resin can be treated as ordinary garbage. Dispose of the other cleaning solutions according to local chemical substance disposal regulations.



4. If resin residue at the bottom of the vortex affects its rotation after the cleaning machine has been used for some time, you can disassemble the vortex for cleaning.



5. When using water as the cleaning solvent, liquid level sensor B may have a delayed response. It is recommended that IPA or alcohol be used instead.
6. After cleaning, check for foreign matter blocking the inlet and outlet of the liquid. Clean them promptly to maintain cleaning efficiency.

Thank you for choosing UniFormation products! We offer a one-year warranty (excluding vulnerable parts). If you encounter any issue, please contact our online customer service for assistance. Our professional technical support team is ready to help you.

In addition, to provide a platform for communication and exchange among 3D printing enthusiasts and to share the latest 3D printing technology, we have established relevant communities and sharing platforms. We look forward to your participation and sharing!

Facebook Instagram Tiktok Youtube

For warranty service or support, please contact the technical support team:

Website: www.uniformation3d.com