

Tera Harz Spinner

Powerful Centrifuge for aligner

For more accurate results

Video (Intro)

This is the video being played.
(Digital knob)

Graphy
3D Print the World with Graphy's Solutions

Tera Harz Spinner



Centrifuge to remove
the residual resins

Centrifuge to remove the residual resins

For more accurate results

Spins even faster

Durable, Silent



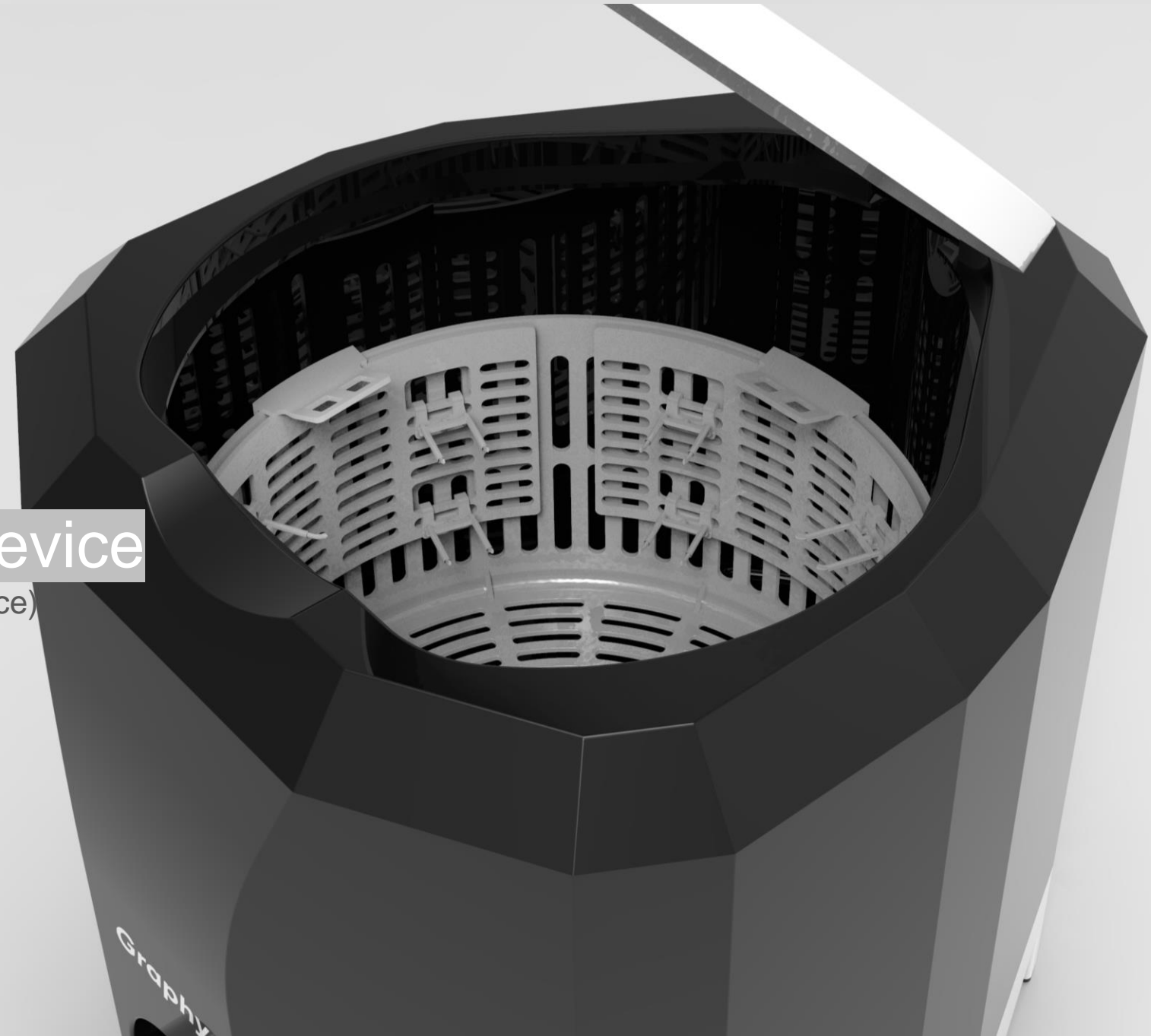
Efficient resin wash

Practical, Fast

Flexible Interior Space

Safety rotation control device

(No aligner shape deformation by centrifugal force)



Surround inside heating

Improved resin flowability

Efficient resin discharge

※ Patented by Graphy



Easy opening and closing

Surround inside heating
Efficient, Time saver
(Heater action during operation)

Safety stop
Smart, Smooth

Graphy

05

Digital Knob Control
Simply & intuitively monitor the status
Smart dial, Pressable button
Easy power on/off
Smooth movement

Resin drawer to facilitate quick
maintenance
Practical, Economical
(Use after removing all impurities from the resin)

Light & Sturdy (Easy to place)



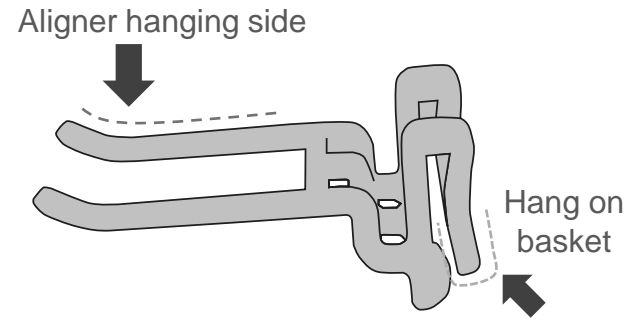
Video (Operation)

Running at 500 rpm, no shake, no noise



※ High-speed video

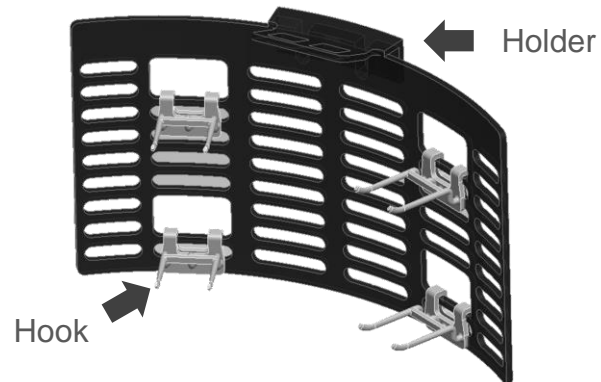
Using a centrifuge to remove the residual resins



1

As shown in the left image, there are hooks provided with the centrifuge. The hooks are for fixing the Direct Aligners to the basket.

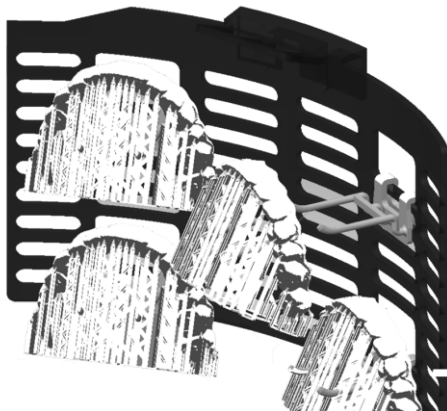
※ If you need the Hook, please request Graphy Inc.



2

Install the hooks as shown in the image below. Mount the holder securely to the basket.

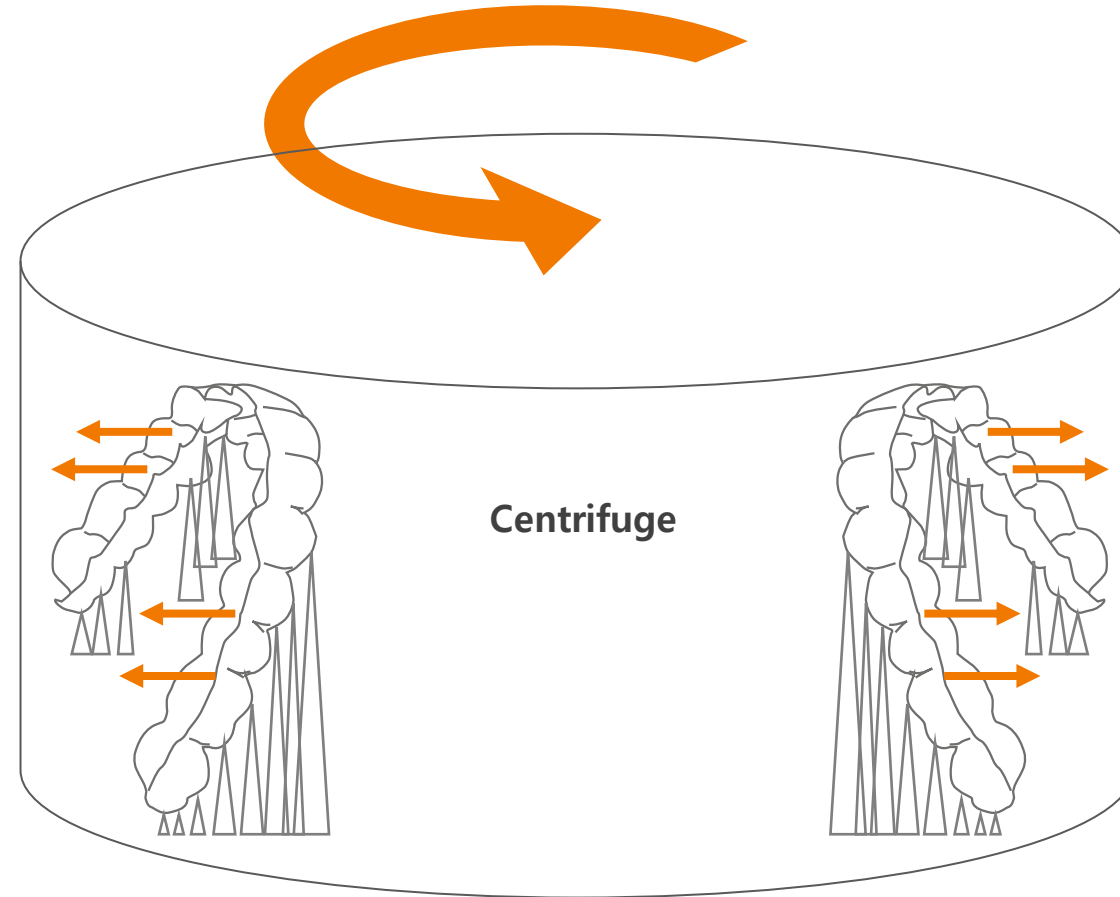
Please check if the basket is correctly installed in the grooves at the bottom of the centrifuge.



3

Hang the printed aligners in the basket and make sure that the inside of the aligner.

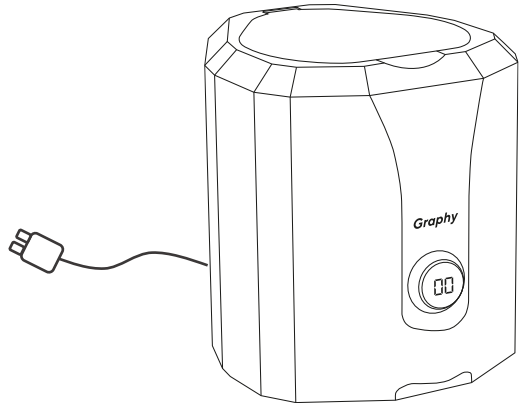
※ Carry out this process before detaching the Supports from the aligners. Without the Supports, the Direct Aligners may be damaged.



4

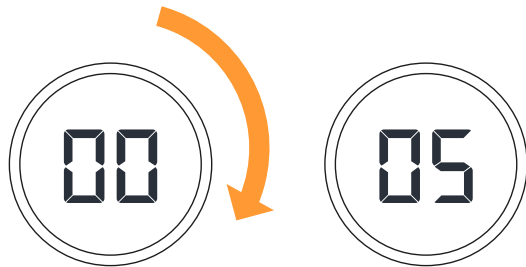
When placing the aligner in the basket, make sure the inside of the aligner is facing the wall of the basket.

Operation guide



5

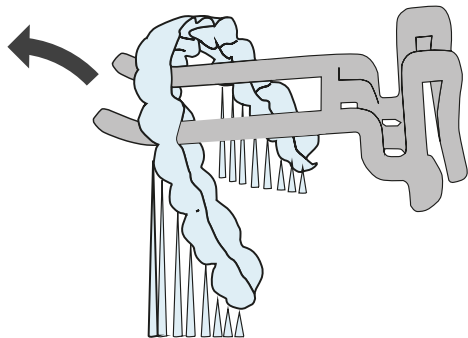
Automatically turns on when the power is turned on after connecting the adapter



6

After closing the lid(cap), turn the circular panel in front of the centrifuge clockwise to set to 5 (5 minutes. increment by minute). It works after 5 seconds after setting the time. You can increase the time further as needed.

- ※ Reset: On/off with the click of a button
- ※ Pause: Open a below drawer or lid(cap)



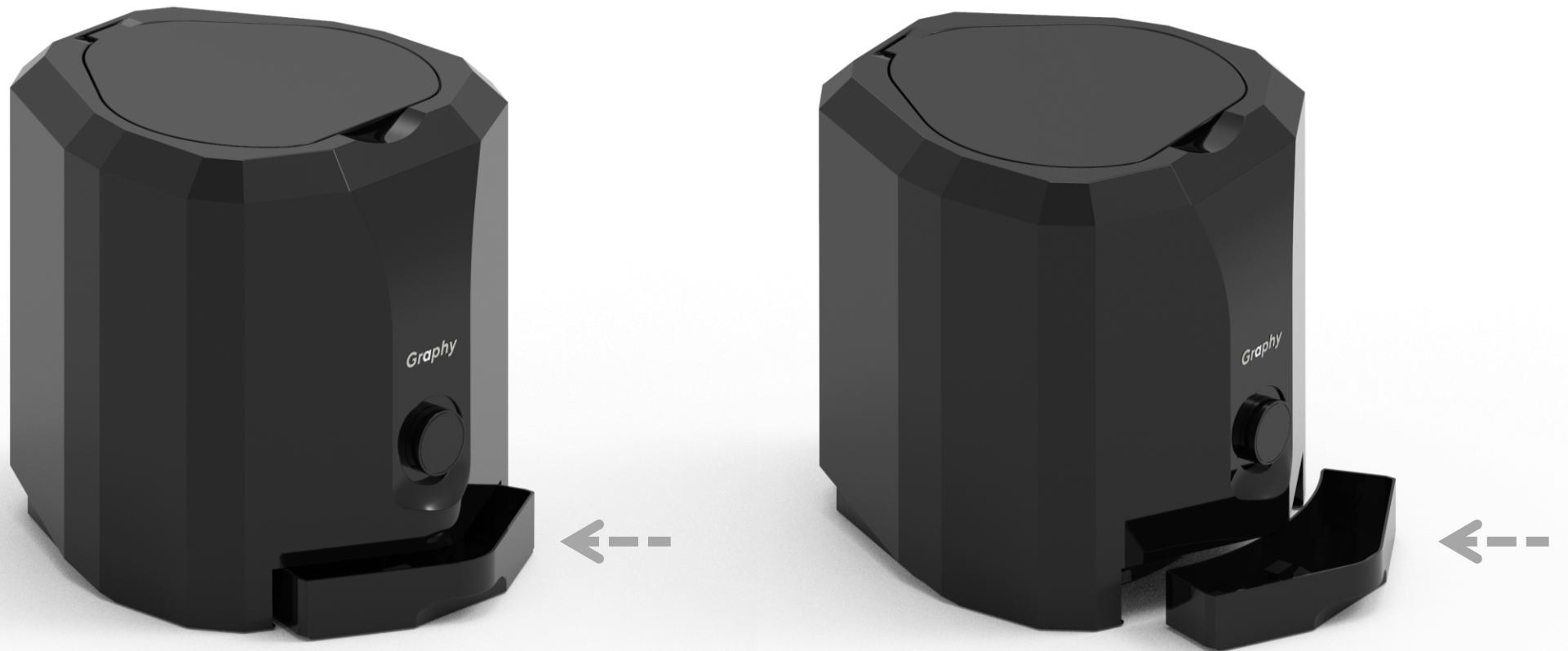
7

After centrifugation, take out the aligner placed on the hook.

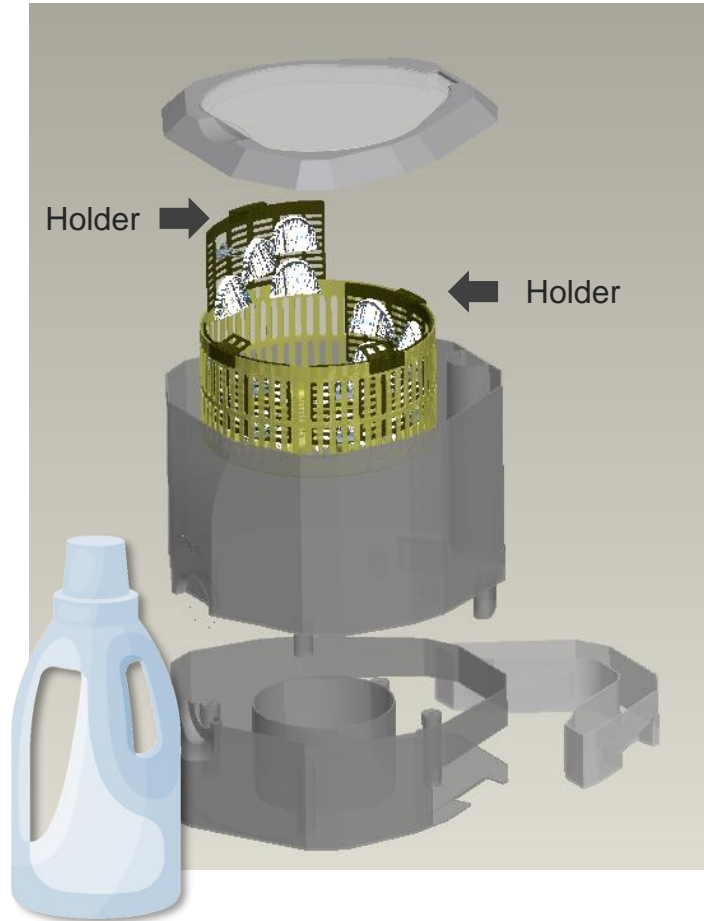
Simple, Easy maintenance

- ※ Resin reuse is not recommended. (affects 3D printer and output)
If using recycled resin, all impurities must be filtered out. (Using an ultra-fine filter, etc.)
If there are impurities, it may affect the 3D printer and the result.

Resin drawer to facilitate quick maintenance



Maintenance



Basket cleaning

It is recommended to clean only the handle of the holder.
The older can be removed by hand.
It can be cleaned using IPA (isopropyl alcohol).

It is not necessary to wash the entire basket.

Drawer storage is located at the bottom of the front of the machine.
It is designed so that users can conveniently maintain it by themselves.

※ It is not a structure that users can detach.
(This is because there is a part that needs attention when assembling to minimize rotational vibration.)



Applicable to multiple 3D printed outputs, not just Aligner

Depending on the design of the hook, it is possible to remove residual resin of various prosthetics or shapes.

※ Currently, we only have aligner-optimized hook designs that can be manufactured according to market needs.

Caution

Do not insert your hand into the machine when rotation is stopped (beep sounds) by stopping or pausing.

Please install the equipment on a flat and sturdy surface.

When placing the aligner on the hook, please align the center of rotation.

→ For example, if two are mounted, it is recommended to position them at 180 degrees.

If the center of gravity is tilted, friction with the wall may occur and the rotation speed may decrease.

Before recycling the remaining resin collected in the drawer, check and remove foreign substances before use. (Not recommended)

Specification

Name	Tera Harz Spinner
Info	Centrifuge for aligner (Using a centrifuge to remove the residual resins)
Overall Size	390W x 450D x 430H
Weight	14 kg
Capacity	Max. 16 aligner
Time	5 min. Automatically turn off Adjustable time
Function	Digital Knob Control Inside heating (works when running) Safety stop (10 seconds)
RPM	500rpm
Power	50W
Rated Voltage	BLDC motor : free voltage 100-240v, 5A



With a better solution