

XTOOL | Craft Oven Module

Quick Start Guide



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Statement

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The Company has collated the content of the Manual rigorously and carefully, but errors or omissions may remain.

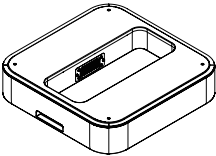
The Company is committed to continuously improving product functions and service quality, and therefore reserves the right to change any product or software described in the Manual and the content of the Manual at any time.

The Manual is intended to help you use the product properly and does not include any description of hardware and software configuration. For product configuration, refer to the related contract (if any) and packing list, or consult your distributor. Images in the Manual are for reference only and the actual product may vary.

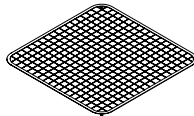
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The Company is committed to continuously improving the product and related materials. The product and the Manual are subject to change, and updates can be found at xtool.com.

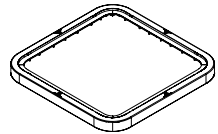
List of items



Craft oven base



mesh tray



Sealing frame



Heat insulation pad



Heat-resistant gloves



Sublimation shrink wrap



Sublimation paper



Quick Start Guide

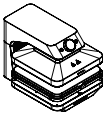
Introduction

xTool Craft Oven Module is designed exclusively for use with xTool WonderPress. It supports direct DTF powder curing on DTF film and sublimation processing for a wide range of mugs and drinkware.

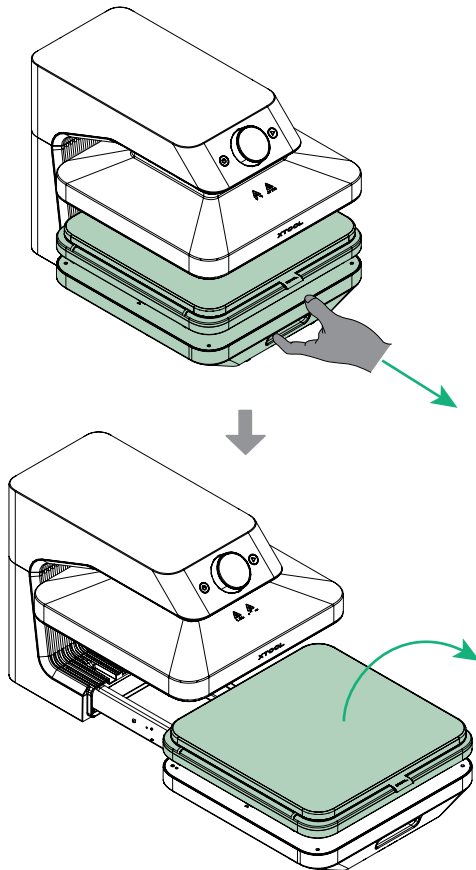
Before use, please read and follow the **Safety Instructions** and **Quick Start Guide** of xTool WonderPress.

Installation

1 Remove the currently installed module

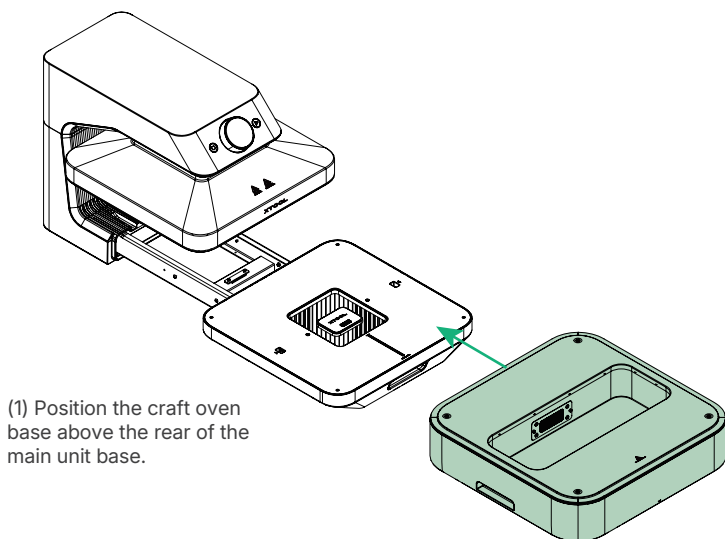


xTool WonderPress
(sold separately)

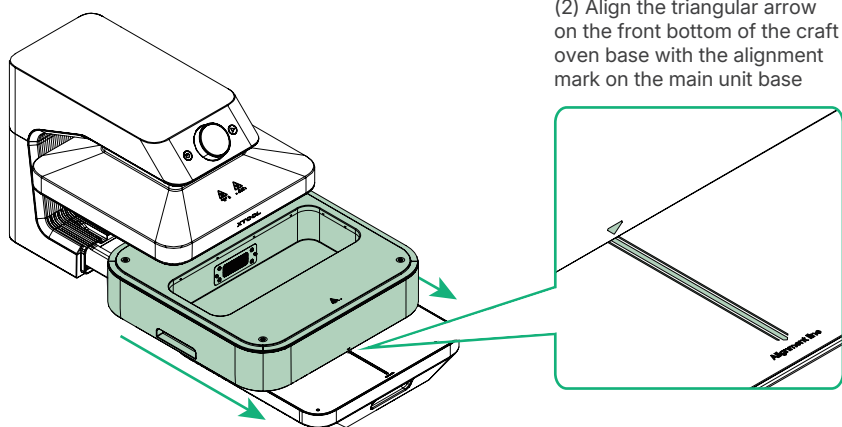


All xTool WonderPress modules support hot swapping. The device does not need to be powered off when replacing modules.

2 Install the craft oven base



(1) Position the craft oven base above the rear of the main unit base.



(2) Align the triangular arrow on the front bottom of the craft oven base with the alignment mark on the main unit base

(3) Keep the craft oven base flush against the main unit base and slowly slide it forward until it is fully seated in the base slot

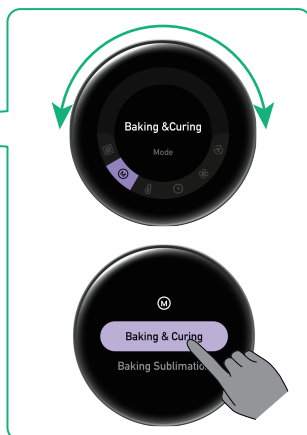
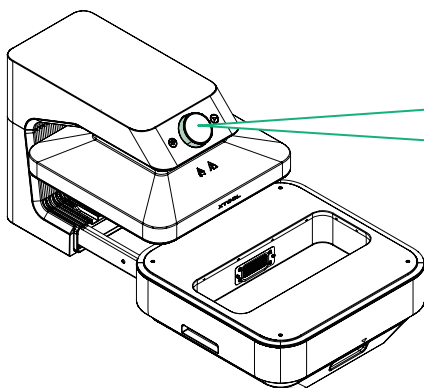


Once installed, the device automatically switches to the corresponding module mode.

DTF film curing

1 Set the parameters

Rotate the knob to select the **Baking & Curing** mode and press it to enter the settings page. Then choose a material to use preset parameters or customize the temperature, time, and exhaust time. Finally, set the Auto/Manual mode.



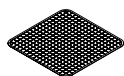
It is recommended to appropriately extend the exhaust time to maintain a clean and odor-free working environment.

Recommended settings:

- Temperature: 410 °F (210 °C)
- Time: 180 s

2 Install the mesh tray

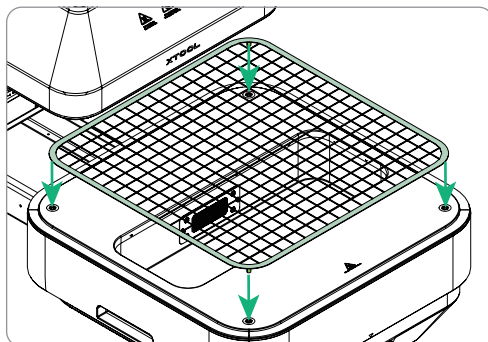
Insert the four corner supports of the mesh tray into the corresponding positioning holes.



mesh tray



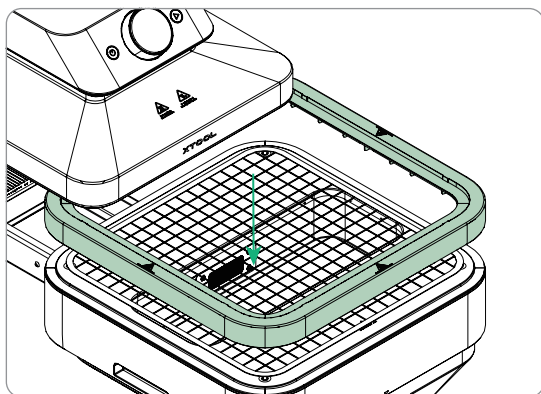
Before installing the mesh tray, make sure the heat insulation pad has been removed from the slot.



3 Install the sealing frame

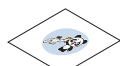


Sealing frame

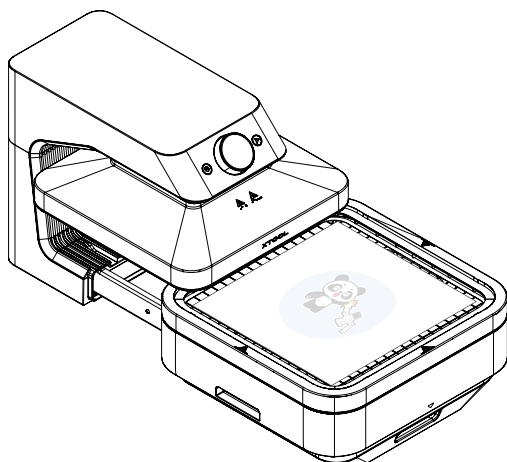


4 Place the DTF film

Ensure the hot-melt powder side faces up and the printed side faces down, and lay the film flat.



DTF film
(not included)

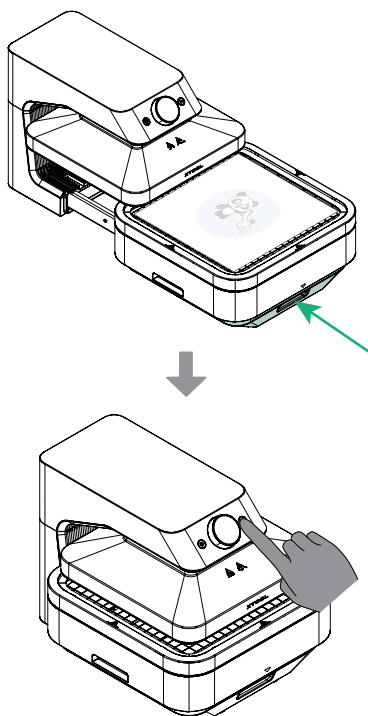


5 Start processing

Once the set temperature is reached, start processing according to the mode selected in the "Set the parameters" section:

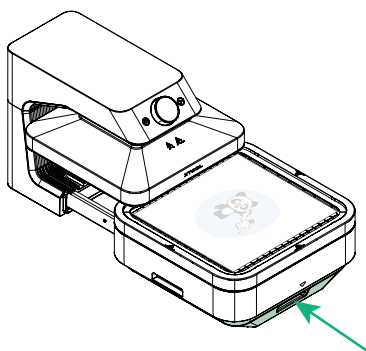
Manual mode

Push in the base, then press the Start/Stop button to begin processing.

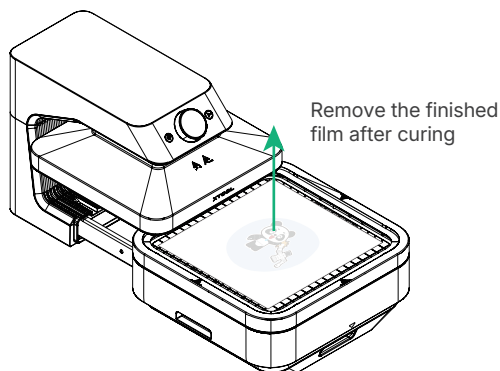


Auto mode

Push in the base, and the device will start processing automatically.



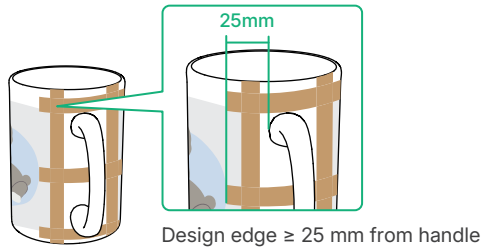
6 Processing complete



Mug sublimation

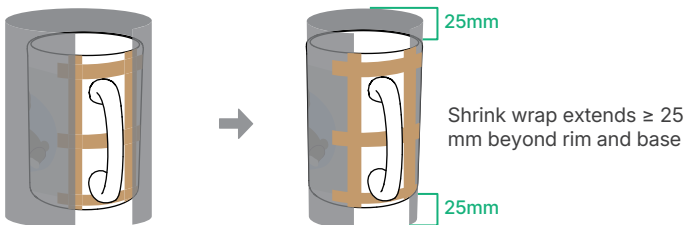
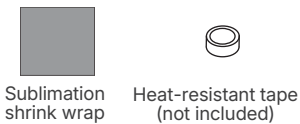
1 Prepare the mug

(1) Wrap the sublimation paper around the target area of the mug with the design facing inward. Ensure the paper is in full contact with the mug surface and that its top and bottom edges are aligned with the mug rim and base. Then secure it firmly using heat-resistant tape, applying three horizontal strips followed by two vertical strips.



- Ensure the top and bottom edges of the sublimation paper are aligned with the mug rim and base for better edge transfer results.
- Keep the design at least 25 mm away from the handle to ensure optimal transfer results.

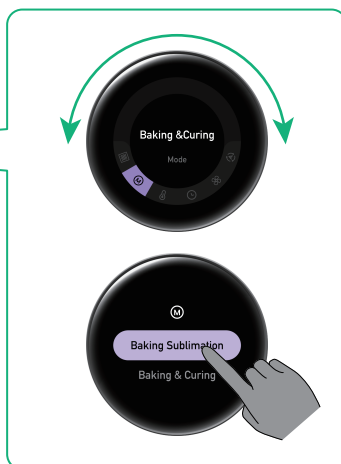
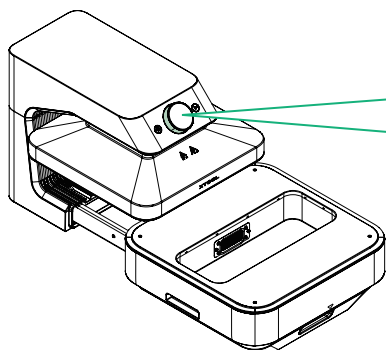
(2) Wrap a layer of sublimation shrink wrap over the sublimation paper, ensuring it fits tightly against the paper. Make sure the wrap is wide enough to fully cover the sublimation paper, with the top and bottom edges extending beyond the mug rim and base. Then secure it as tightly as possible using heat-resistant tape, applying three horizontal strips followed by two vertical strips.



During heating, the sublimation shrink wrap shrinks to provide consistent pressure throughout the sublimation process, helping ensure accurate transfer of the design onto the mug surface while minimizing shifting and distortion.

2 Set the parameters

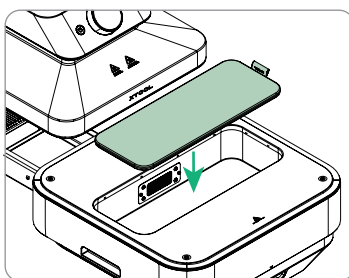
Rotate the knob to select the **Baking Sublimation** mode, then press it to enter the settings page. Select a material to use the system preset parameters or customize the temperature and time. Finally, set the Auto/Manual mode. Please note that the settings vary depending on whether you are processing a single mug or multiple mugs, as well as the front or back side of the mug. Adjust the settings according to your application.



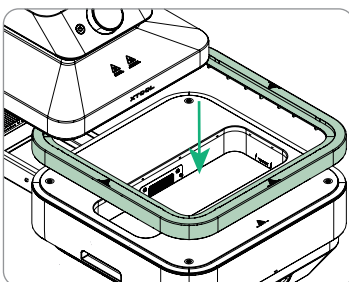
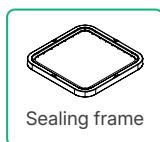
Recommended settings (Single Mug · Front):

- Temperature: 410 °F / 210 °C
- Time: 900 s

3 Place the heat insulation pad

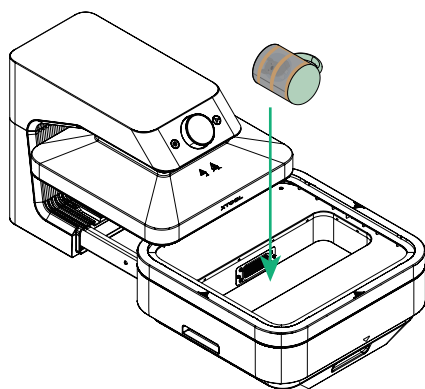


4 Install the sealing frame



5 Place the mug

Place the mug into the sublimation slot.

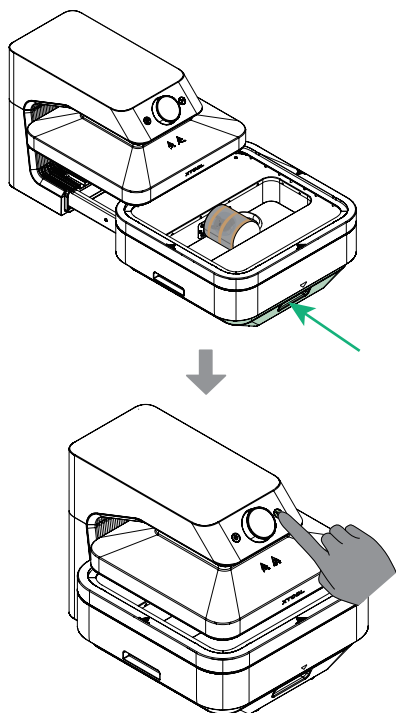


6 Start processing

Once the set temperature is reached, start processing according to the mode selected in the "Set the parameters" section:

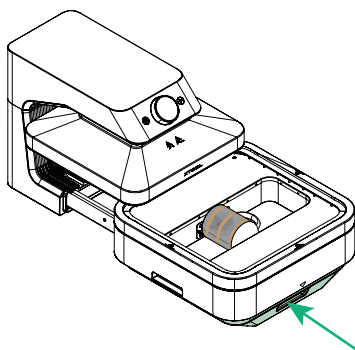
Manual mode

Push in the base, then press the **Start/Stop** button to begin processing.



Auto mode

Push in the base, and the device will start processing automatically.



7 Rotate the mug

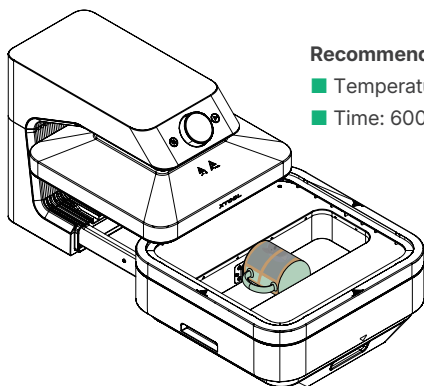
After completing sublimation on the front side, rotate the mug to ensure even heating and optimal transfer results. Place the mug back into the device, then set the parameters for the back side or use the system preset parameters, and repeat Step 6.



Heat-resistant gloves



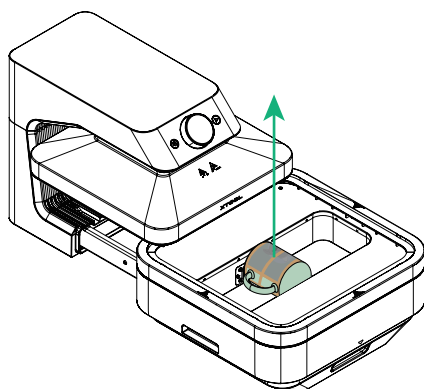
Heat-resistant gloves must be worn during rotating to avoid burns.



Recommended settings (Single Mug · Back):

- Temperature: 410 °F / 210 °C
- Time: 600 s

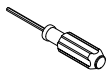
8 Processing complete



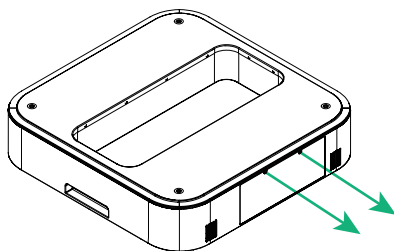
Maintenance

It is recommended to regularly check the condition of the filter and replace it in a timely manner based on usage frequency to maintain optimal air purification performance.

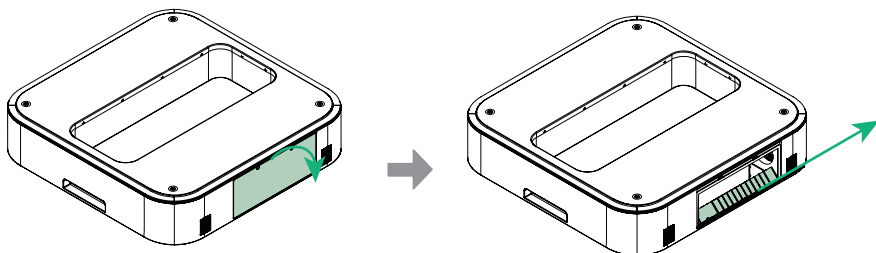
1 Remove the screws of the filter cover



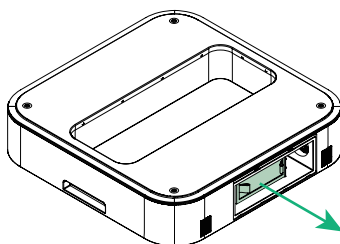
Hex screwdriver
(not included)



2 Remove the filter cover



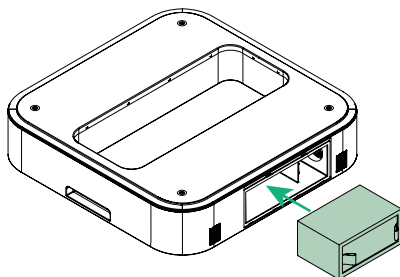
3 Remove the used filter



4 Install a new filter

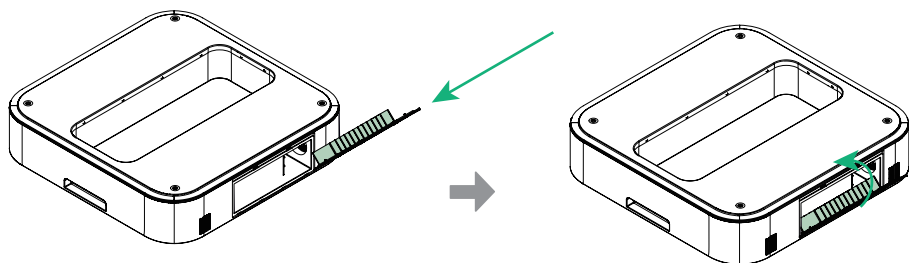


xTool WonderPress
filter (sold separately)

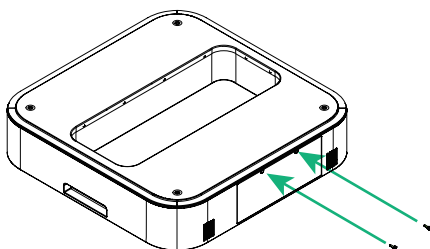


To purchase a new filter, please visit xtool.com.

5 Reinstall the filter cover



6 Tighten the screws of the filter cover



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