

## G. WARNINGS



**WARNING, HOT SURFACES!**  
Extruder and build platform can reach very high temperatures.



**WARNING!** Fast moving parts. Tie back loose hair, secure loose clothing and keep all printer doors closed during operation.



Do not leave the printer unattended during operation. Watch to make sure the first few layers adhere correctly.

## H. Printer Description



[Front]



[Right]



Touchscreen

USB Port

Front Door

Dual Filters

Build Platform

Waste Tray

Top Lid

Right Side Handle

Filament Bay

Power Switch

Ethernet Socket

USB Port

Power Socket



TierTime

Global Technical Support:

[support@tiertime.com](mailto:support@tiertime.com)

For Local Support:

Contact your local reseller.

Sales Department:

[sales@tiertime.net](mailto:sales@tiertime.net)

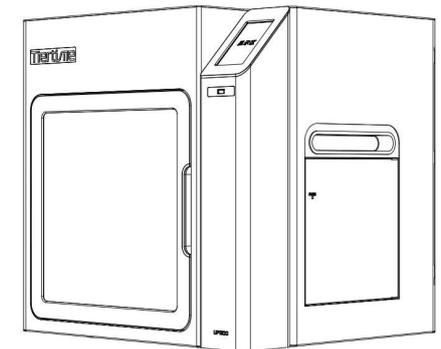


@TierTime to share your prints

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# UP300

## Quick Start Guide



Full User Manual

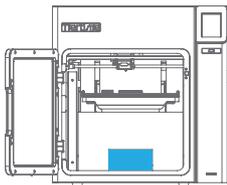
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## A. Download UP300 Touchscreen Upgrade Kit

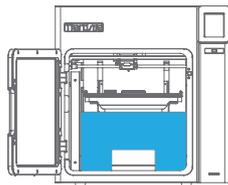
1. Download the UP300 Touchscreen Upgrade Kit from <https://www.tiertime.com/download>.
2. Save the file to the root directory of the USB stick which comes with the UP300, making sure the file is named as "up300\_x.x.x\_update.tt" (Case sensitive), x.x.x being the version number.

## B. Unbox the UP300

1. Cut open the tape on the top of the cardboard box, and open the box from the top.
2. Take out the two boards on the top foam, and remove the top foam.
3. Remove the plastic cover and the square shaped foam wrapping around the machine.
4. Lift the printer out of the cardboard box using two handles on both sides of the printer, and place it on a flat surface.
5. Open the Top Lid and remove all the tights and foams inside the printer. There are six tights in the machine.
6. Open the Front Door, and take out the two foams and two extruders beneath the build platform. As figures show below:



a. Take out the extruder.



b. Turn the foam 90 degrees and then take it out of the machine.

7. Take out the roll of filament, the accessory box and the power cord at the bottom of the cardboard box.
8. Put all the foams back to the box, and keep the box for the future use.

## C. Printer Installation



1. Upgrade Touchscreen  
Insert the USB stick storing the update kit.



2. Install Build Plate  
Make sure it is pushed all the way to the end.



3. Load Filament  
Hold the filament straight up, feed it into the guiding tube, and make sure it sticks out from the other end of the guiding tube.



4. Power On  
Connect the printer with the power cord and plug the cord into a wall socket.

## D. Install Software

1. Download the latest software from the official Tiertime website.
  - \* **For Windows:** <https://www.tiertime.com/download>  
Operating System requirement: Windows 7 SP1 or above.
  - \* **For Mac OS:** Go to Apple APP Store and search for UP Studio.  
Operation System requirement: macOS X 10.10 or above.
2. Install the software on your computer.

## E. Start a Print

1. Power on the printer, and follow the instructions on the screen to finish the upgrade.
2. You can connect your printer with USB cable, ethernet cable or wireless via Wi-Fi.  
  
To set up Wi-Fi on your printer, go to "Config", click "Network", toggle on "Wi-Fi", and select a network to connect.
3. Initialize the printer: Click "Initialize" on the touchscreen. The printer will start to initialize.
4. Extrude the Filament: Push the filament into the inlet of the Extruder, select from the touch screen "Material", select the matching material type, and then click "Extrude".
5. Calibration: Press "Calibration", and click "AUTO", then wait for the printer to finish the auto calibration process.
6. Open UP Studio software on your computer. Click UP on the left menu, load a 3D model, edit the model settings and print settings, and then click "Print". Wait for the data sent to the printer and printer will start printing.



[Cautious]: The default nozzle height of a new printer is set to 0mm. Calibrate your printer before the first time use.

## F. Cautions



1. Flex/Perf Glass Broad: Glass boards are easy to break. Please handle with care.
2. Extruder Removal/ Replacment: Always withdraw filament first, turn off the machine, unplug the extruder cable before removing or replacing the nozzle.
3. Cable Removal: Always turn off the machine before removing any internal cables.
4. HOT: Never touch the extruder and the build board while the printer is operating.
5. Safety First: Always wear safety gloves when using the scraper.
6. Adult Supervision: Adult supervision is required in the presence of children. Small printed parts are a choking hazard, and always keep sharp tools away from children.