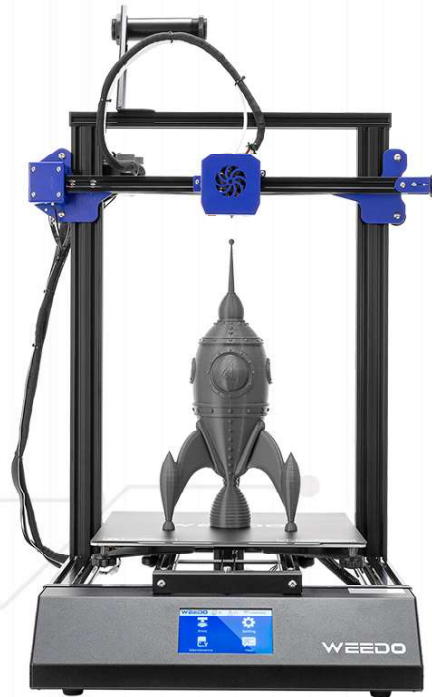


WEEDO

ME



40

QUICK START GUIDE

INTRODUCTION

Thank you for purchasing this ME40 3D Printer! This printer uses the FDM method of printing. It features a metal frame, open structure design and heated build platform. It can print 1.75mm ABS, PLA, Metal fill, Wood fill, and other filament types with melting points below 295°C. The machine with independent extruder can print at a speed up to 150mm/s and 300x300x400mm printing area. It can print from sliced g-code files stored on a TF card. It supports auto-leveling, with a 4.3-inch touch screen, a removable and a heated build plate.

CUSTOMER SERVICE

The WEEDO Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a WEEDO Customer Service representative through the Live Chat link on our website www.weedo.ltd or via email at support@weedo3d.com. Check the website for support times and links. You can also search our product wiki website: www.weedo3dprinter.com.

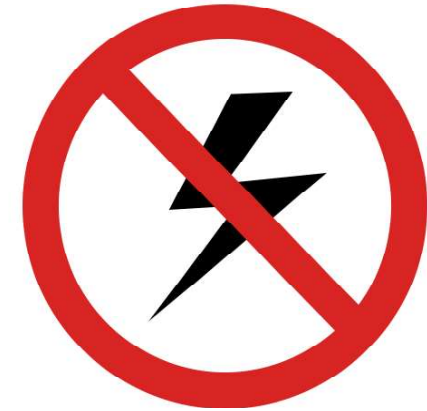
You can check the unpacking video and download software in SD card.



The temperature of the nozzle parts and platform can reach 295°C .
It is forbidden to touch while the printer is printing or cooling.



Children are not allowed!



Pay attention to the voltage
Please check whether the input voltage value of the switching power supply meets the standard of the country or region.



Prevent pinching and cutting

Please pay attention to the sharp edges and corners of the profile.



Keep clean and dry



Safe operation

If something goes wrong with the machine please contact our after-sales service.

PARTS LIST



1x frame base



1x Z/X Gantry Assembly



1x 200g Filament



1x USB cable



1x Power Cord



1x Pilers



1x Metal Scraper



1x Glue stickr



1x Teflon connector



1x Lead screw with Plastic sleeve



2x 3D Printed Positioning Block



No.1 Bag:
1x 4.0mm L Wrench
4x M5*25 Screw



No.2 Bag:
2x T-shaped Metal sheet
8x M4*8Screw
8x T-Nut
1x 2.5 mm L Wrench



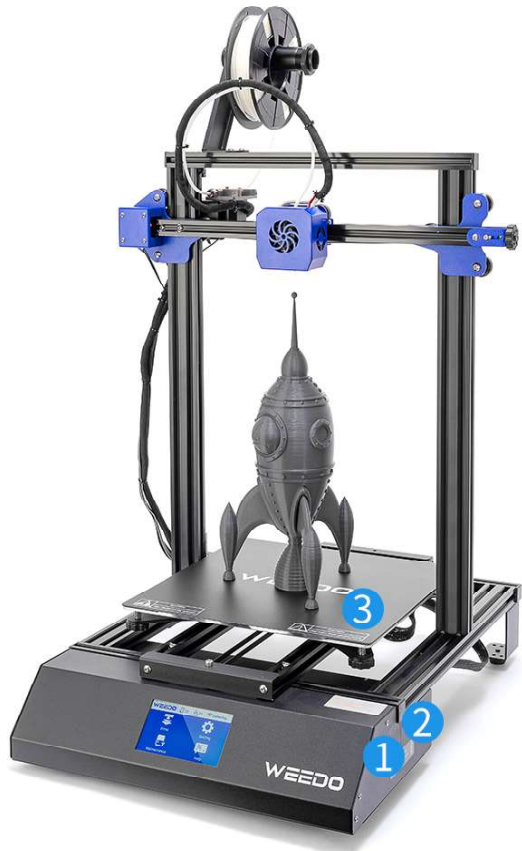
No.3 Bag:
1x Holder Base
1x Filament Roll
2x M4*8 Screw
2x T-Nut



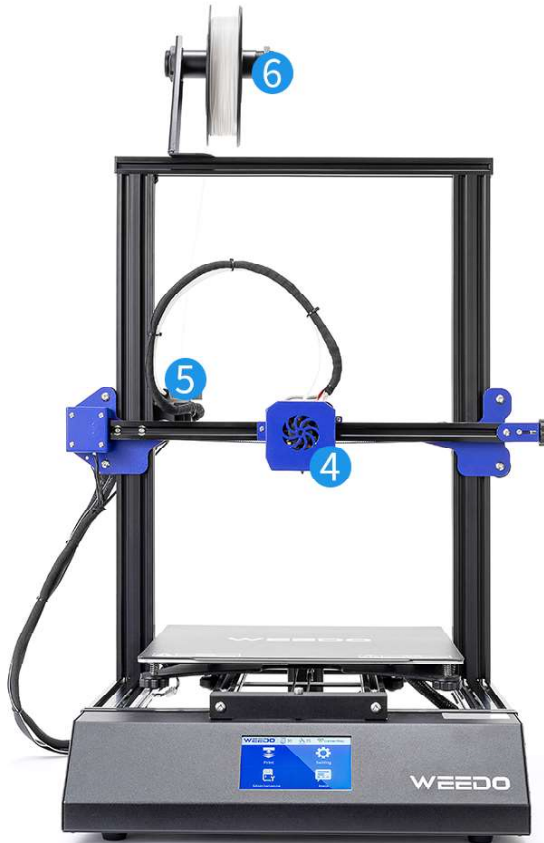
No.4 Bag:
1x TF card, Reader
1x Y end stop sensor
1x Y end stop cable
1x thermistor



No.5 Bag:
10x Cable ties
1x 2mm L wrench
1x 1.5mm L wrench
1x 3mm L wrench
1x 5.5-7 Wrench
1x 8-10Wrechr



- 1 TF slot
- 2 USB socket
- 3 Heating platform



- 4 Hotend
- 5 Extruder
- 6 Filament Holder



- 7 Power socket
- 8 Power switch
- 9 Touch Screen

Step 1: Open the accessory box and get the frame base

Accessory part: 1x 3D printer Frame base , 1x pliers



1. Cut the tie on the frame base.

Tips: Do not cut the cables on the host!



2. Take off the tapes.



3. Check that the four Leveling Nuts are not falling off.

Tips: There are slight scratches on the aluminum profile because the machine has been installed and tested before leaving the factory, which is a normal phenomenon.

Step 2: Install the Z/X Gantry onto the base

Accessory part: 1x Z/X Gantry

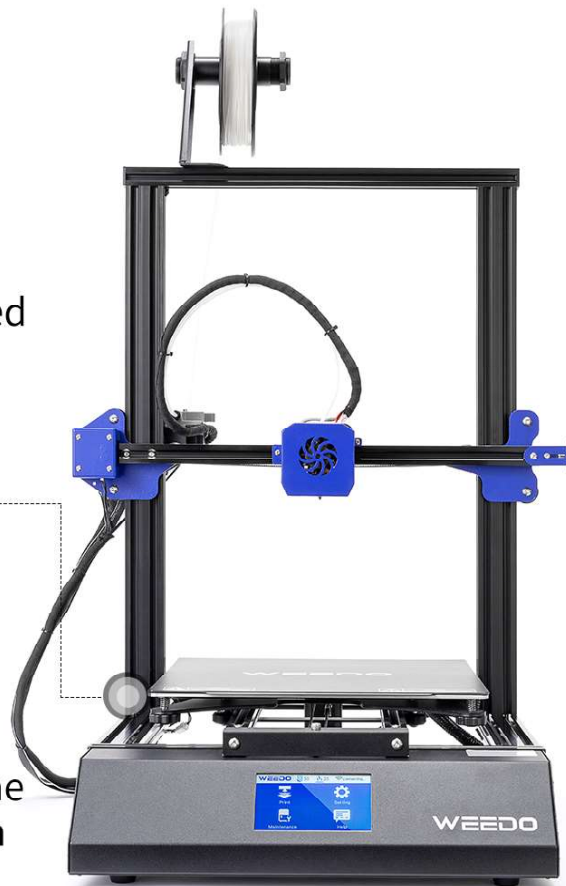
No.1Bag:1x 4.0mm L Wrench , 4x M5*25 Screw



1. Take out the screws stored in the gantry.



2. Place the gantry on the base, and align the screw hole of the gantry with the screw hole on the base.



3. Pour the base to the right, pluck the wire above the screw hole with your finger.



4. Screw the M5*25 into the hole with an L-shaped 4.0mm wrench.



5. Adjust the direction of the wrench, insert the short side, tighten all screws forcefully.

Tips: Be careful not to let the screw through the wire during installation and press the wire when moving the machine.

Step 3: Install T-shaped fixtures on both sides of the printer

Accessory part: (No.2Bag) 1x 2.5 mm L Wrench, 2x T-shaped Metal sheet, 8x M4*8Screw, 8x T-Nut



1. Install screws and T-nuts on T-shaped fixtures by hand, rotate it a little bit.



2. Insert the long side of the 2.5mm L-shaped wrench into the screw cap.



3. Screw the four screws on the T-shaped fixture into the aluminum profile, rotate the T-nut to 90-degrees.

Tips: Pay attention to the installation direction of T-nut.



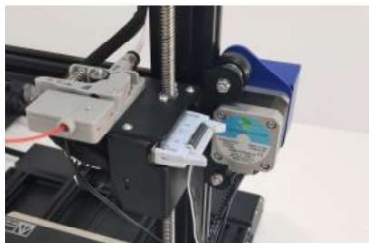
4. Adjust the L-shaped wrench and insert the screw cap with the short side to tighten all screws.

Step 4: Install the shaft

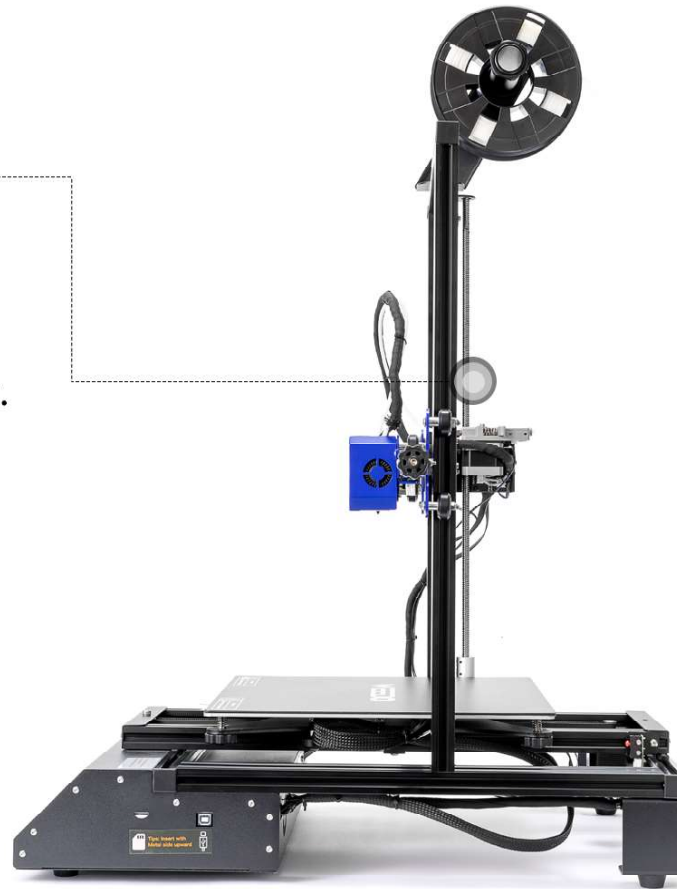
Accessory part: 1x lead screw with Plastic sleeve, 1x 2.5 mm L Wrench



1. The lead screw passes through the positioner.



2. The lead screw passes through the Extruder.

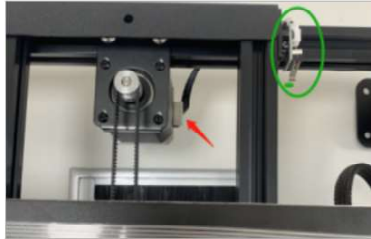


3. The lead screw goes into the Coupling.



4. Tighten the top screw with the 2.5mm wrench.

Step 5: Connect the cables



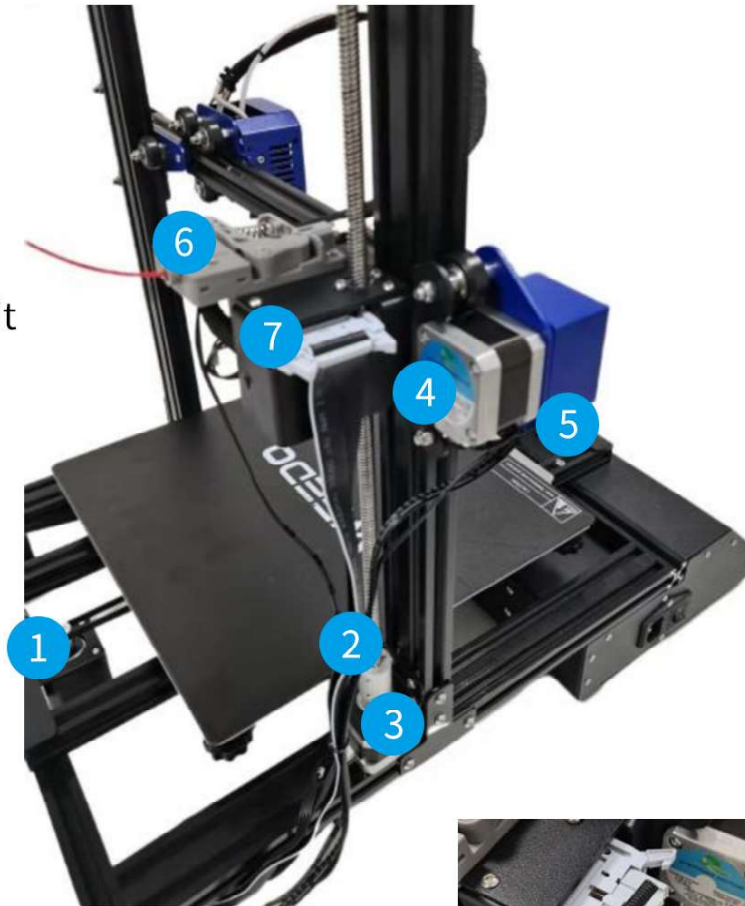
1. Connect the Y Motor Wire on the back of the base, check the Y Limit switch wire is installed properly.



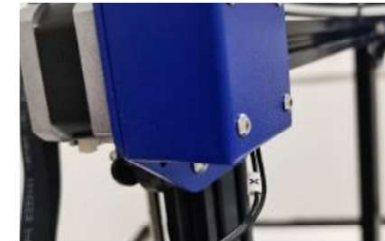
2. Connect the Z Limit switch wire under the base.



3. Connect the Z Motor Wire.



4. Plug the X Motor Wire .



5. Connect the X Limit switch wire.



6. Connect the Extruder Cable.



7. Connect flat cable.



8. Secure flat cable with ties.

Tips: Make sure the cables are connected and fastened.

Step 6: Install the Filament Holder

Accessory part: 1x 2.5 mm L Wrench
(No.3 Bag) 1x Filament Roll, 1x Filament Holder,
2x M4*8Screw 2x T-Nut



1. Screw the Round tube to the filament holder.



2. Install the filament holder to the top beam. Let the filament be above the extruder.



Step 7: Install the Filament tube



1. Press and hold the black plastic edge on the connector. Insert the Filament tube to the bottom of the Extruder.

Tips: Be sure to insert the Filament tube into the bottom to avoid clogging.



2. Insert the Filament tube to the bottom of the Heated Aluminum Block, the insert distance is about 3.5 CM.

Tips: Be sure to insert the Filament tube into the bottom to avoid clogging.

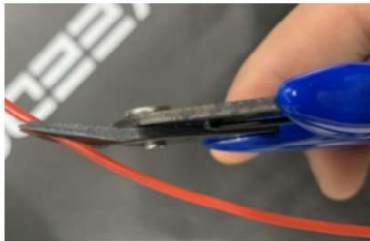
Assembly steps

Step 8 :Load the filament

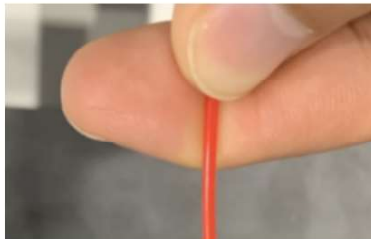
Accessory part: 1x Filament , 1x Teflon connector



1. Hang the filament on the filament holder.

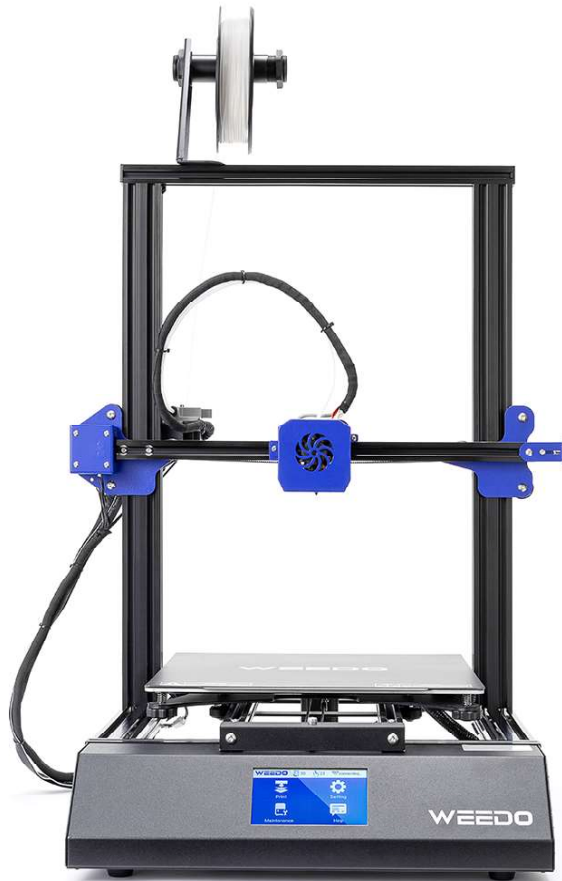


2. For better printing, cut a 45-degree slope at the end of filament with pliers.



3. Straighten the end of the filament.

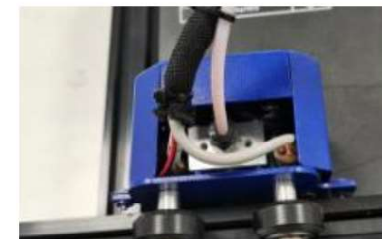
Tips: Ensure that the filament is inserted into the Heated Aluminum Block.



4. Insert the Teflon connector..



5. Press the handle of extruder to pull filament pass through.



6. Pull filament into the Filament tube.

Step 9: Check the tightness of the belt and the Voltage



1. Press the belt with your hand, and the belt has a certain degree of elasticity.

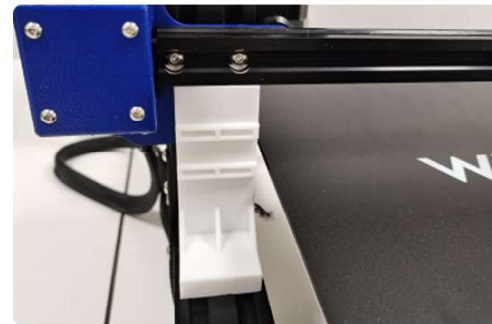


2. There is a voltage switch button on the back of the printer chassis. Use the wrench to toggle the switch to the RIGHT local voltage Before powered on.

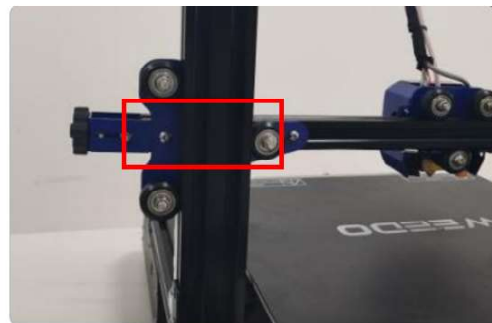
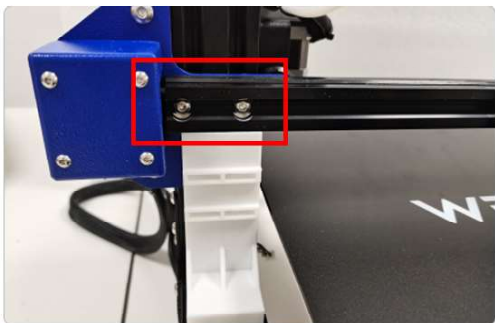
Step 10: Check the Z/X Gantry Assembly is horizontal



1. Place two positioning blocks on the left and right sides of aluminum profiles.



2. Let Z/X Gantry Assembly move down and touch the positioning block.



3. If one side touches the positioning block and the other side does not, use the 2.5mm L-shaped Wrench loosen the four screws, rotate the coupling and let the Z/X Gantry touch the block, and then tighten the four screws.

Step 1: Turn On The printer



1. Plug the power cord into the socket.
2. Press the switch from 0 to 1.



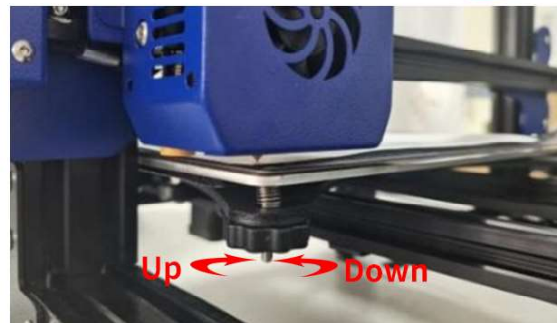
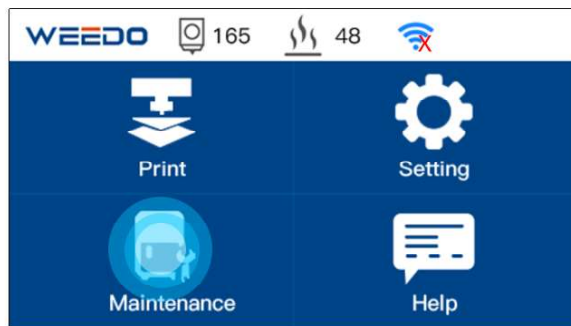
3. Select the language you need.



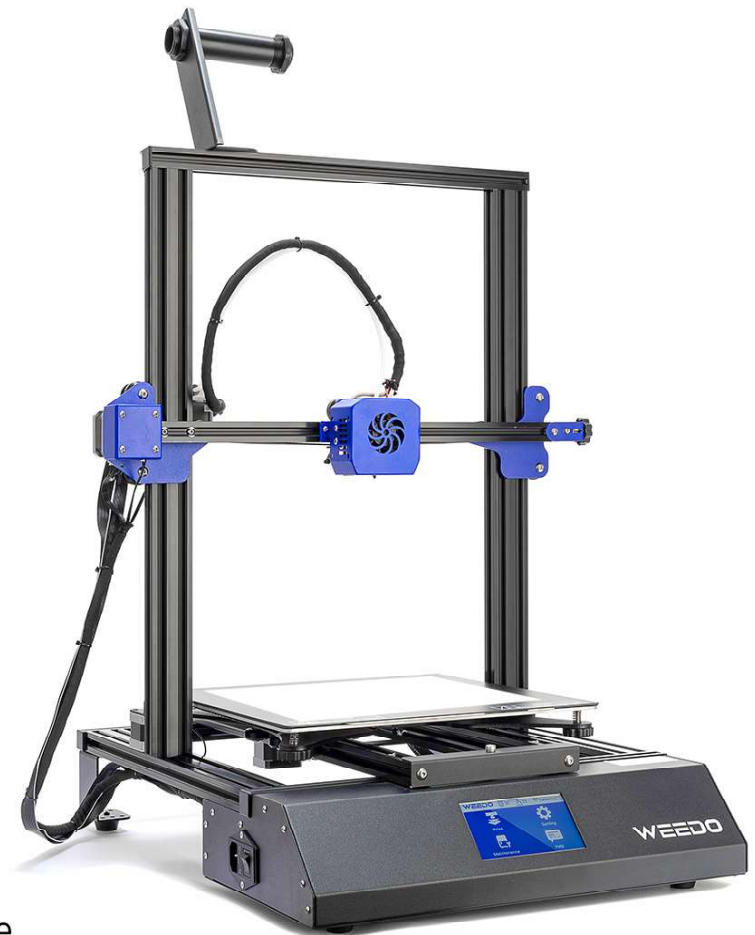
Tips: Please unplug the 3D Printer if it will not be in use for a while.

Step 2: Bed Leveling

1. After the self-test is completed, you will enter the main interface.
Perform the bed leveling,
2. Click on 'Maintenance' -- 'Next' -- 'Level Bed' .



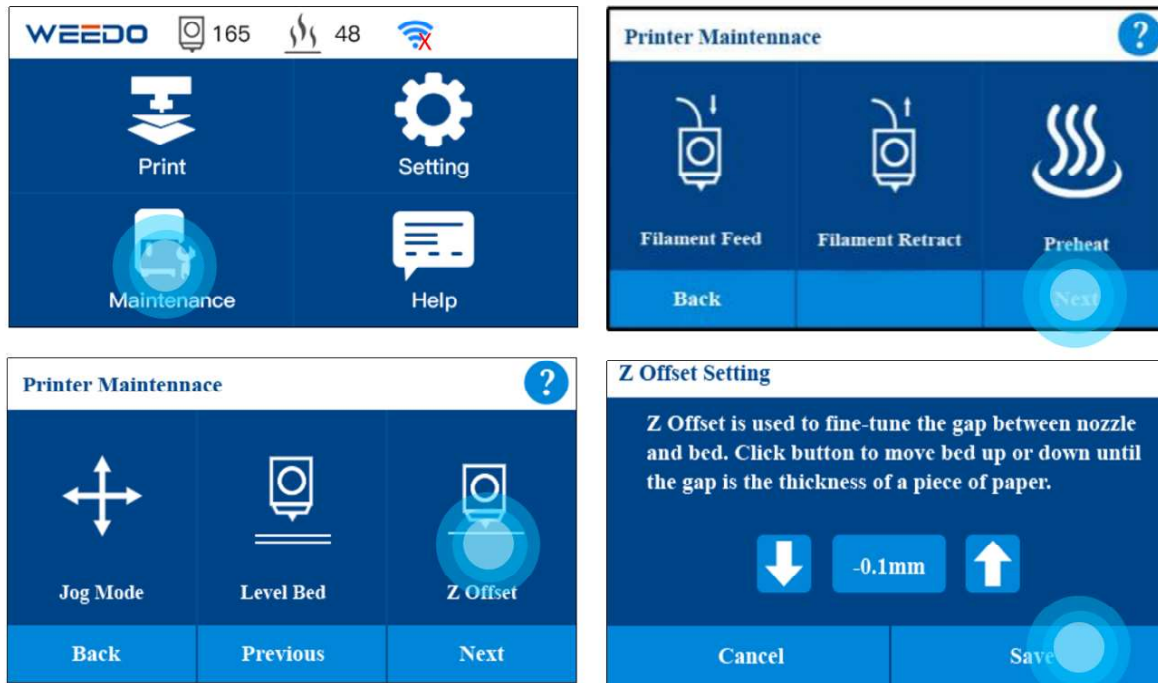
3. Prepare an A4 paper. The nozzle will test 4 points on the platform.
Tighten the four Leveling Nuts.
4. At each point, adjust the nut to allow the distance between the nozzle and the platform is the thickness of A4 paper. Make sure the paper doesn't move smoothly.



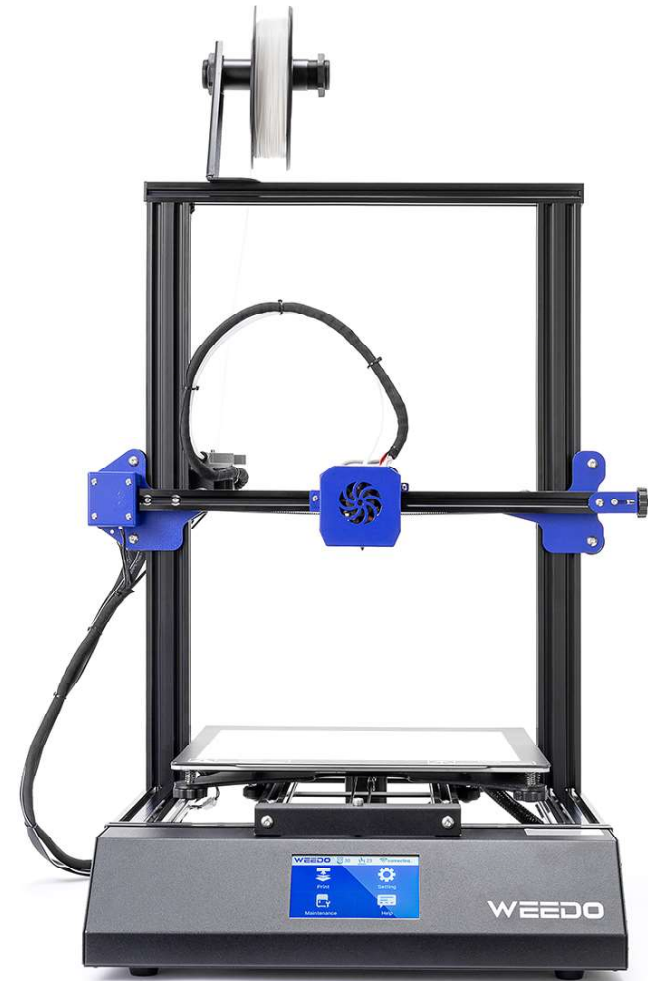
Tips: Don't press against the platform. This operation is to ensure that the platform is horizontally balanced.

Step 3: Z-Offset

1. Set the gap between the nozzle and the platform. Prepare an A4 paper.
2. Click on 'Maintenance' --- 'Next' -- 'Z Offset' .

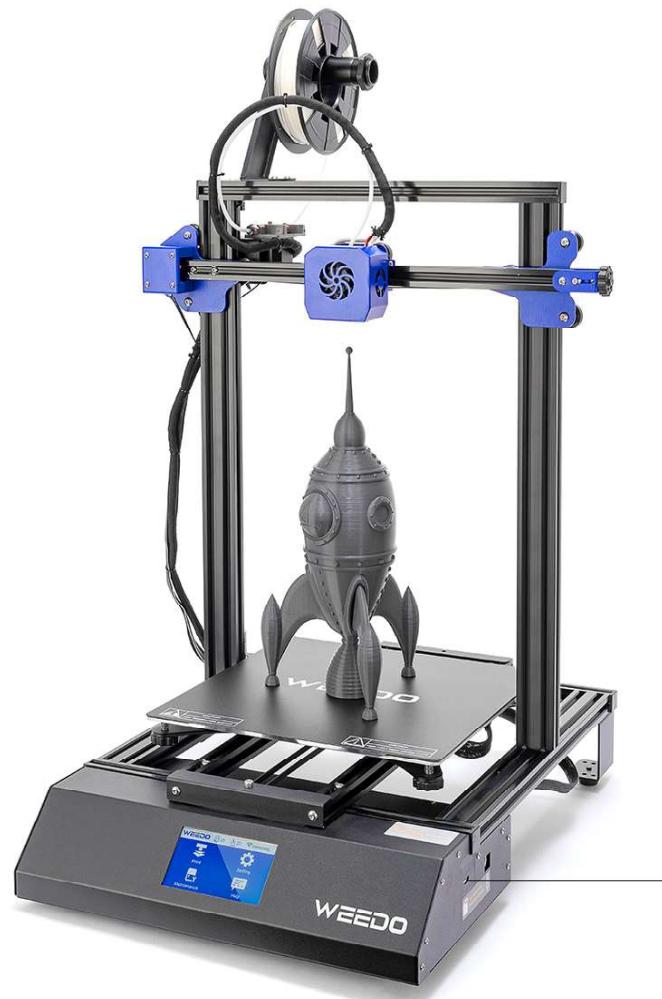
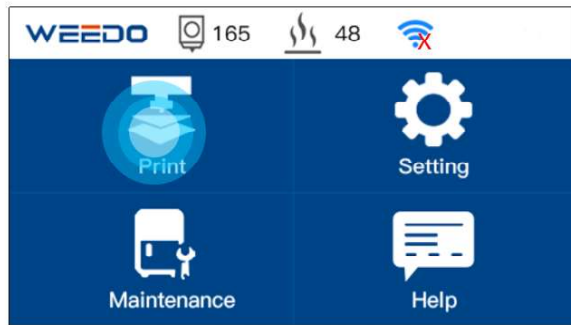


3. Click the 'Up' or 'Down' button in the Z Offset interface, then the nozzle will move in the direction accordingly. Ensure that the gap between the nozzle and the platform is a distance of the thickness of A4 paper.
4. When the gap between the nozzle and the platform is adjusted, click 'Save' .



Tips: The figures on your machine may be different from the picture shown. The Damage will be caused to nozzle and print circuit if the distance between the nozzle and the build plate is too narrow.

1. The card has a test model that we prepared for you before delivery.
2. Please select the file in the TF card for printing.



Tips: Please make sure that the metal of the TF card faces up to prevent damage to the machine motherboard. Don't let it fall.

Question 1: What if the nozzle clog?

Error Diagnosis: Check the feedrate, temperature, and tube insertion.

Solution: Dredge the nozzle, please remove the fan above the nozzle, and then heat the nozzle to 230°C and carefully pull out filament with pliers. Set the parameters of TPU, and insert the Heat Break. Reinsert or replace Hotend. If the problem still cannot be solved, you can search website: www.weedo3dprinter.com.

Question 2: What if the nozzle can't heat?

Error Diagnosis: Disassemble the Extruder and Hotend, check whether the Temperature Sensor and Thermistor are inserted properly, loose and falling off.

Solution: Reinsert or replace Temperature Sensor, Thermistor or Hotend.

Question 3: What if the platform can't be heated?

Error Diagnosis: Disassemble the motherboard of frame base, check the Temperature Sensor and Thermistor are inserted properly, loose and falling off.

Solution: Reinsert or replace Temperature Sensor or Thermistor.

Question 4: What if the machine is deformed or falling off for transportation?

Error Diagnosis: Examine the problem area

Solution: Replace the parts.

Question 5: What if model does not stick to platform or difficult to remove?

Solution: If the gap between the nozzle and the platform is too large, the model will not stick to the platform. If the nozzle clearance is too small, the model will adhere too tightly to the platform. Please use Z Probe Offset to adjust the gap between the nozzle and the platform, or stick it on platform with a glue stick.

Question 6: What if the hotend can't be Auto Home or Auto Bed Leveling?

Solution: Please use the height adjustment function of the Proximity Sensor to lower the height. If the problem still cannot be solved, please replace the Proximity Sensor.

Question 7: What if something goes wrong with the display screen?

Solution: Check the motherboard, replace the firmware.

Question 8: What if the model fails to print?

Error Diagnosis: Check slicing software settings.

Solution: View software professional documentation.