BRESSER® REX II

WIFI 3D Printer

Art. No. 2010200

Quickstart Guide

⚠ WARNING!

1. Do not remove the housing of the nozzle!
2. Hot surface! Do not touch the heating nozzle in operation!
3. Danger! Moving parts in printer may cause injury.
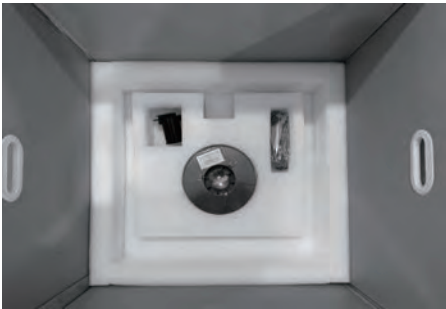   Do not wear gloves or other sources of entanglement in operation!

1. Open the box and remove both top foam sheets.
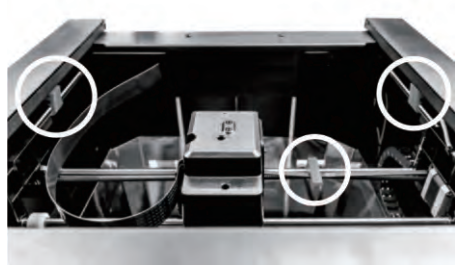

2. Take the printer out of the box.

3. The bottom PE foam should contain: a spool of PLA filament, a spool holder, a solid glue, an USB cable, a filament guide tube and an accessory bag.

4. Remove the bubble wrap.

5. Remove the top PE foam piece, which contains one power cable, one USB Stick, the Quickstart guide and the After Sales Service Card.
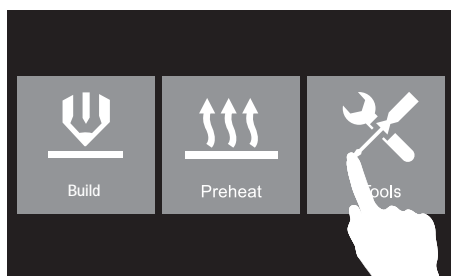

6. Remove the three buckles which are in the circled area showed in the picture.
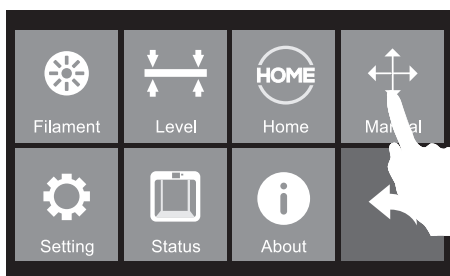
Power Switch

7. Tear off tape and the stretch wrap of front door. Squeeze top lid slightly from both sides to the middle so as to take top lid successfully. Remove the stretch wrap of top lid.
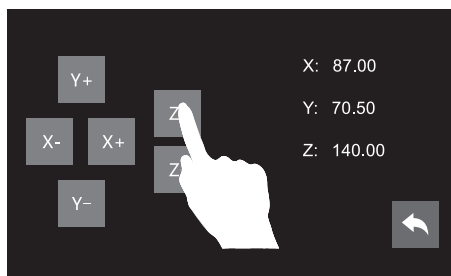
8. Take out power cable and plug the power cable into the input on the back and turn on the power switch.
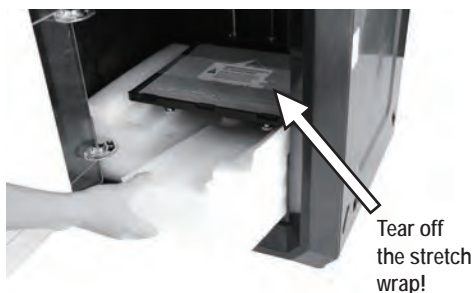

Build   Preheat   Tools

Filament   Level   Home   Manual

Setting   Status   About

9. Tap [Tools].

10. Tap [Manual].

Y+
X-   X+
Y−

Z+
Z−

X: 87.00
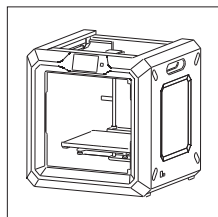Y: 70.50
Z: 140.00

Tear off the stretch wrap!

11. Tap [Z-] to partially elevate the build plate. Tap touch screen button on the right side of touch screen, go back to home screen.
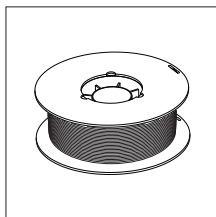
12. Remove both bottom foam pieces. Tear off the stretch wrap.

PRINTER KIT CONTENTS

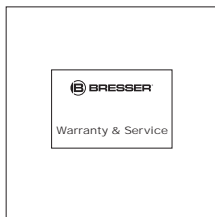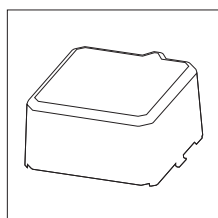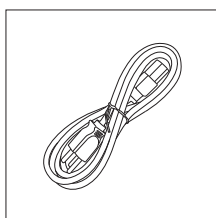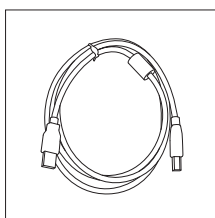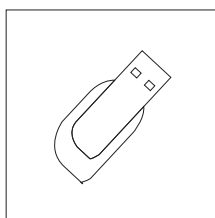|	
3D Printer	Filament spool	Quickstart guide	Warranty & Service Card

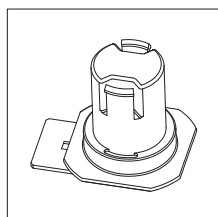3D Printer

Filament spool

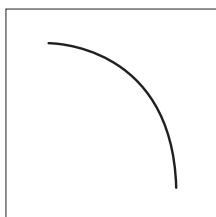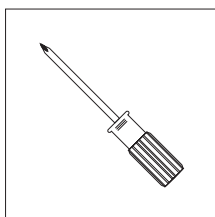Quickstart guide

Warranty & Service Card

Lid

Power cable

USB cable

USB stick

Spool holder

Filament guide tube

Screwdriver
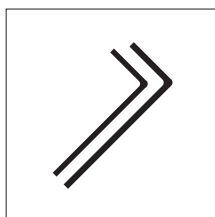
Allen wrench
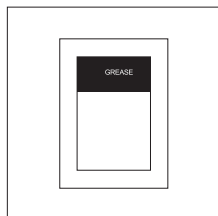
Grease
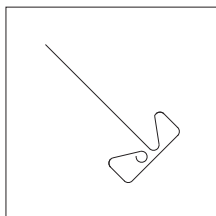
Unclogging pin tool
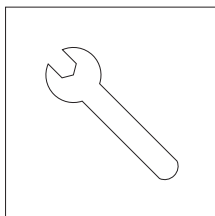
Wrench
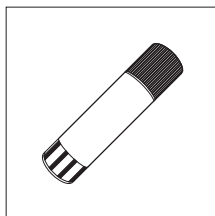
Solid glue
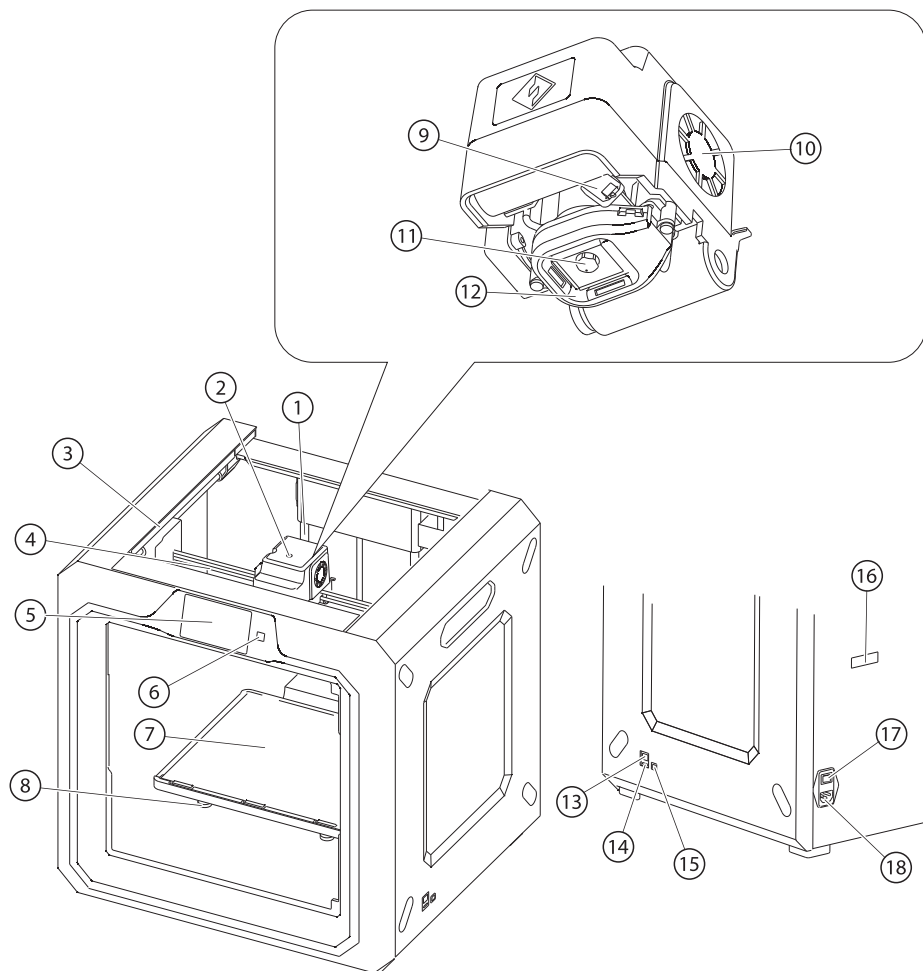
1. Z-Axis Guide Rod

2. Filament Intake

3. Y-Axis Guide Rod

4. X-Axis Guide Rod

5. Touch Screen

6. Touch Screen Button

7. Build Plate

8. Nut

9. Servo

10. Turbo Fan

11. Nozzle

12. Turbo Fan Baffle

13. Network Interface

14. USB Stick Input

15. USB Cable Input

16. Spool Holder Slot

17. Power Switch

18. Power Input
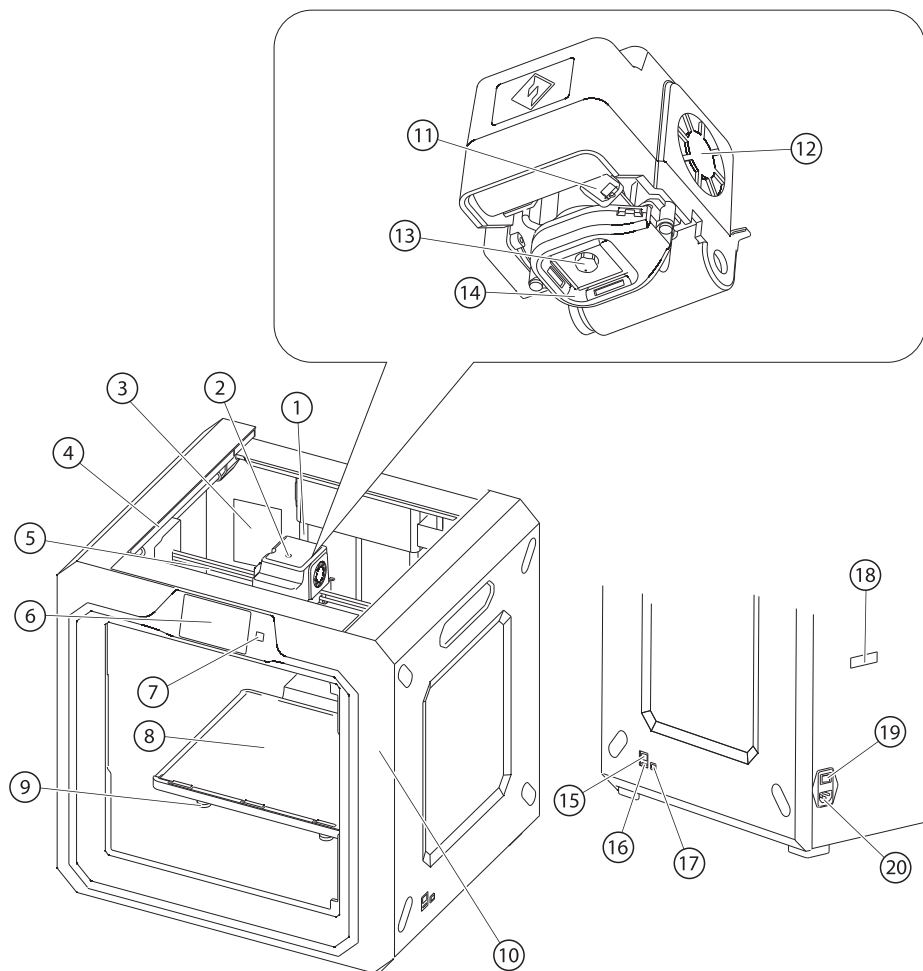
1. Z-Axis Guide Rod

2. Filament Intake

3. Air-Filter

4. Y-Axis Guide Rod

5. X-Axis Guide Rod

6. Touch Screen

7. Touch Screen Button

8. Build Plate

9. Nut

10. Camera
(Inside the printer)

11. Servo

12. Turbo Fan

13. Nozzle

14. Turbo Fan Baffle

15. Network Interface

16. USB Stick Input

17. USB Cable Input

18. Spool Holder Slot

19. Power Switch

20. Power Input
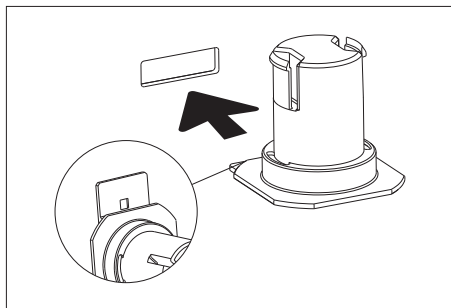
1. Locate the spool holder. Install the spool holder into the left quadrangular opening on the back
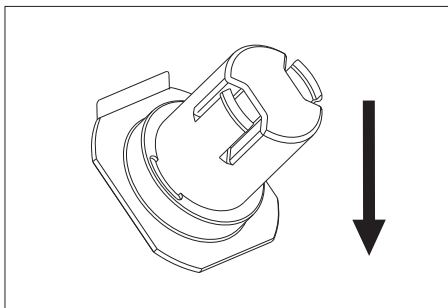
2. Turn down the spool holder to make the holder bottom cleave to the printer back.
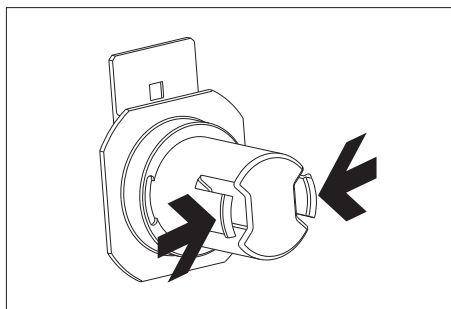
3. Squeeze the spool holder top and mount the filament spool to the holder.
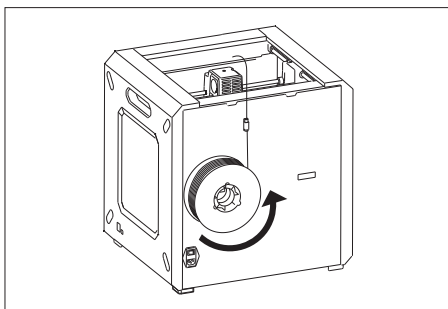
4. Secure the filament guide tube with R-shaped buckles and thread the filament through the tube. The filament spool must be oriented correctly [see above] and should feed filament from bottom to top.

Press here
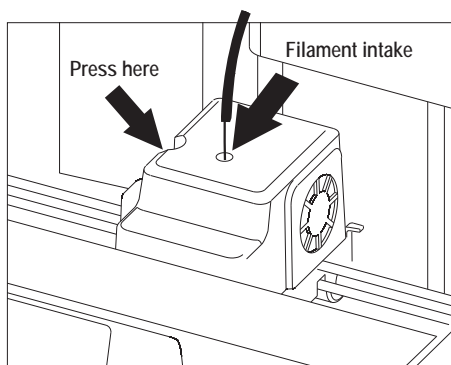
Filament intake

5. After filament goes through guide tube, press spring presser on the left side of extruder, and insert filament vertically into filament intake.
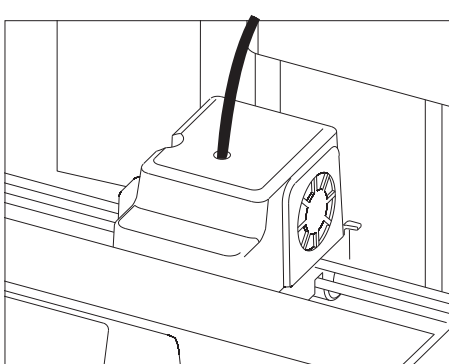
6. After inserting into filament intake, insert guide tube into extruder filament intake to fix.

LEVELING THE BUILD PLATE

HOW TO CHANGE THE LANGUAGE

01

Print | Preheat | Tools

02

Filament | Level | Home | Manual
Setting | Status | About

03

Language — English
Resume Pri...
WiFi
WiFi Hotspot

04

English
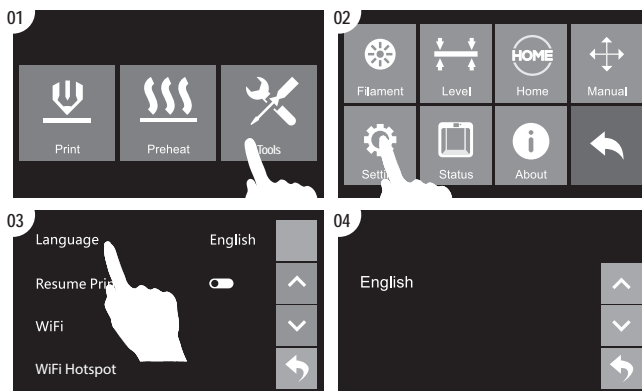
Before leveling, let's learn the function of nuts.

HOW TO USE THE NUTS

Build plate goes up

Build plate goes down
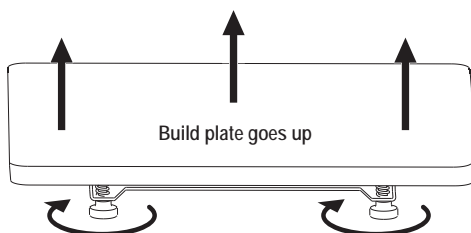
Rotate the nuts clockwise

Raise the build plate to reduce the distance between the nozzle and build plate.
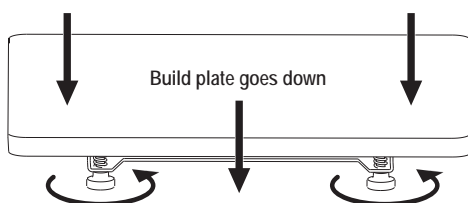
Rotate the nuts anticlockwise

Lower the build plate to increase the distance between the nozzle and build plate.

Build | Preheat | Tools

Filament | Level | Home | Manual
Setting | Status | About

1. Tap [Tools].

2. Tap [Level].

Please wait while the extruder and platform finish initial movement...

Screw the three nuts under the platform counterclockwise until they are tight, then tap the [OK] button.

OK

3. Please wait while the extruder and platform finish initial movements. Screw three nuts under the platform anticlockwise, then tap [OK] button.

   Attention! Three nuts may be tightened up before going out, please skip this step if you find three nuts have been tightened up, and continue to following steps
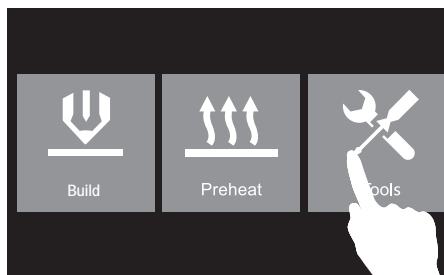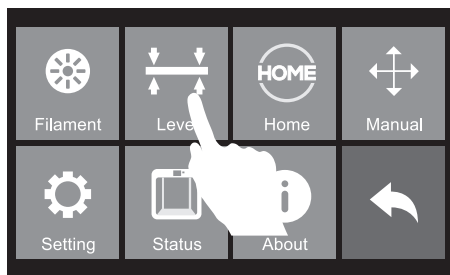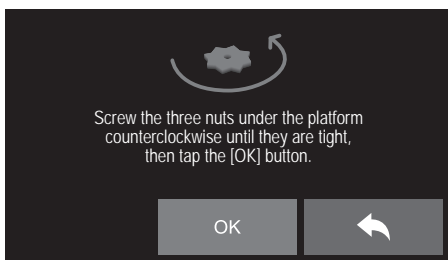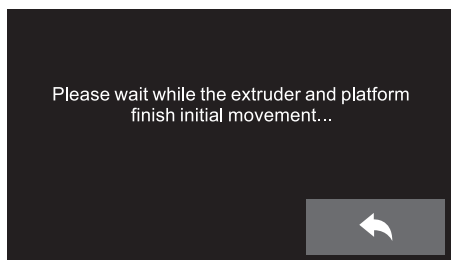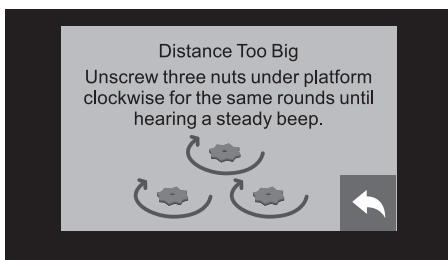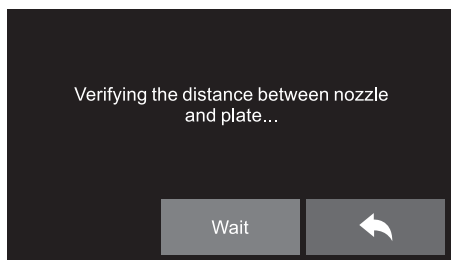
Verifying the distance between nozzle and plate...

Wait

Distance Too Big

Unscrew three nuts under platform clockwise for the same rounds until hearing a steady beep.

4. After tapping [OK] button, the extruder will move towards the first point and the plate will move up and down to verify the distance between nozzle and plate.

5. If the distance between the nozzle and plate is too large, rotate the three nuts underneath the platform clockwise for the same rounds until you hear a steady beep.

Wait

Please tap [Verify] button to check whether the distance is appropriate now.

Verify

Congratulations

Tap the [OK] button to move to the next leveling point.

OK
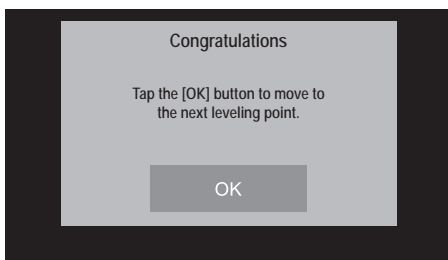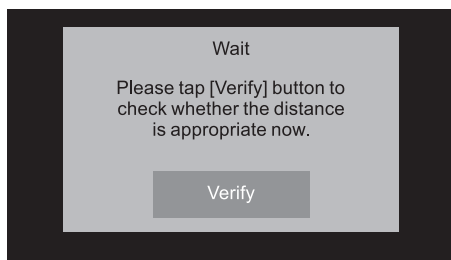
6. Then tap the [Verify] button to check whether the distance is appropriate.

7. If the distance is appropriate, tap [ok] to next step. If the distance still not appropriate, please follow the prompts on the touch screen to adjust till you see [ok].

Please wait while the extruder and platform
finish initial movement...

8. After first leveling point completed, start the other two leveling points.

   Attention! When starting the second and the third leveling points, just need to adjust one corresponding nut under extruder.

Distance Too Big

Turn the corresponding nut under
the platform clockwise until
you hear the beep.

Distance Too Small

Turn the corresponding nut under
the platform anticlockwise until
you hear the beep.

9. Follow the prompts on the touch screen to adjust the corresponding nut till you hear a steady beep.

Congratulations

Tap the [OK] button to move to
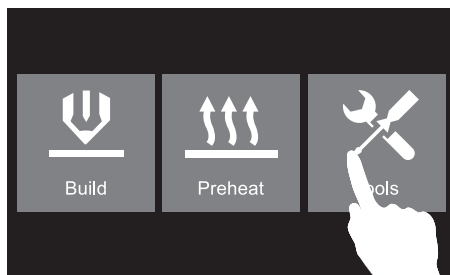the next leveling point.

OK
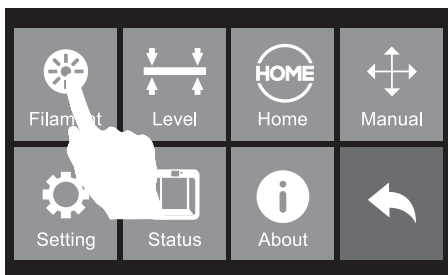
Leveling completed!

Finish

10. If the distance is appropriate, tap [ok] to next step. If the distance still not appropriate, please follow the prompts on the touch screen to adjust till you see [ok].

11. Start the third leveling point according to the method of the second leveling point.
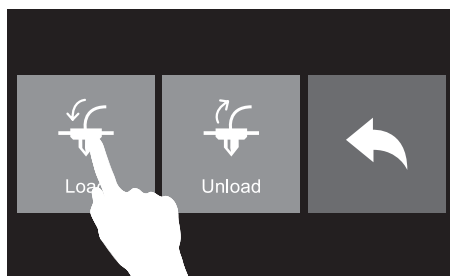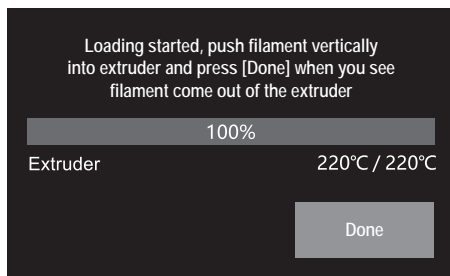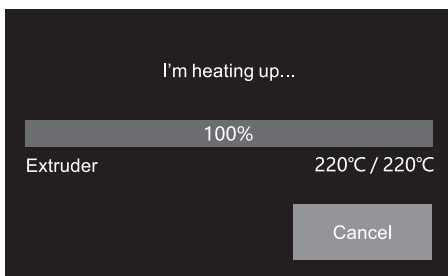   After leveling completed, tap return arrow to go back to home screen.

LOADING FILAMENT

1. Tap [Tools].

2. Tap [Filament].

3. Tap [Load], extruder starts to heat.

I'm heating up...

100%

Extruder   220℃ / 220℃

Cancel

Loading started, push filament vertically
into extruder and press [Done] when you see
filament come out of the extruder

100%

Extruder   220℃ / 220℃

Done

4. Once heated, filament will be drawn through the extruder. Continue extruding until the extruder provides a steady flow of filament. Tap touch screen button, go back to home screen.

Attention! If extruder can not load filament for a long time, please check if you have inserted filament into the bottom of extruder.

SUGGESTIONS

1. Ensure that the build plate has been leveled before printing.
2. Ensure that the filament has been loaded in an appropriate approach.
3. Load the filament for a while to extrude all the melted filament you printed last time out of the extruder.
4. Please clean extruder before printing.
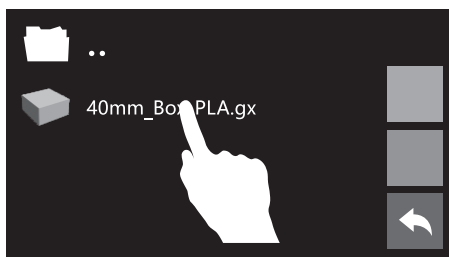5. Do not leave the printer unattended during operation.
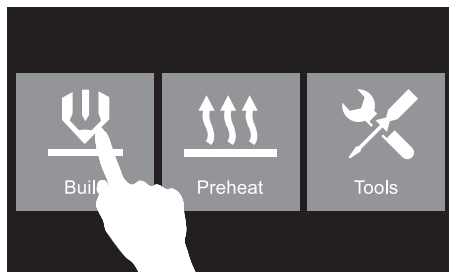
1. Please insert the USB stick into USB slot on the right side of the printer. Tap [Build].
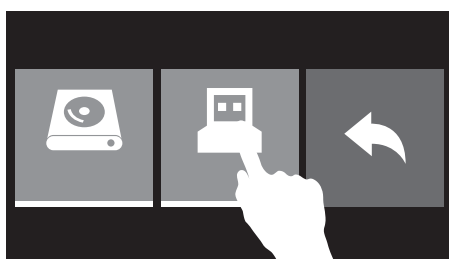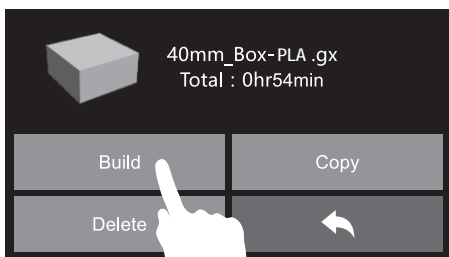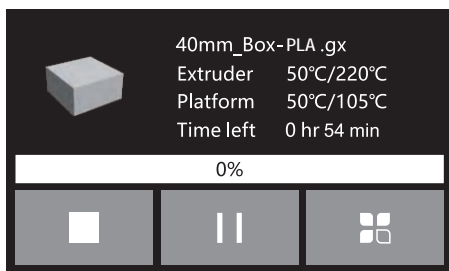

2. Tap [USB Stick].
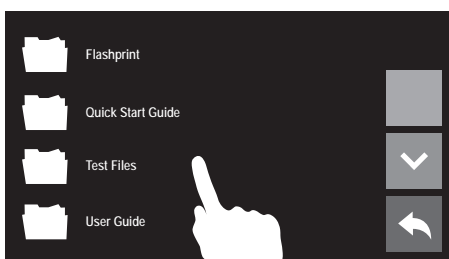
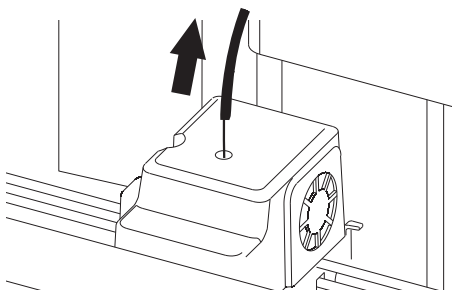3. Tap [Test Files].

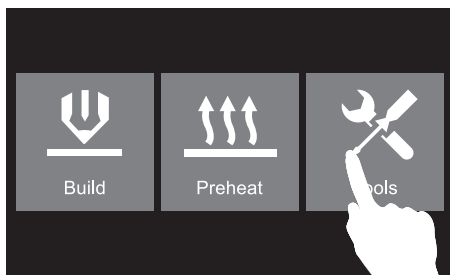4. Tap [40mm_Box-PLA.gx].

5. Tap [Build].

6. The printer starts to heat and it prints automatically after heating is completed.

UNLOADING FILAMENT

Please follow steps below if you need to unload filament in daily use.

1. Pull filament guide tube out of filament intake, leave filament 10cm to pull filament easily.

2. Tap [Tools].
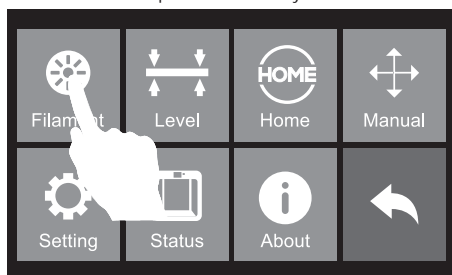
3. Tap [Filament].

4. Tap [Unload].

I'm heating up...

| 100% |
| Extruder | 220℃ / 220℃ |

Unload started, press down on the spring lever and withdraw filament

| 100% |
| Extruder | 220℃ / 220℃ |

Done

Press here

Push filament down through for 3 seconds
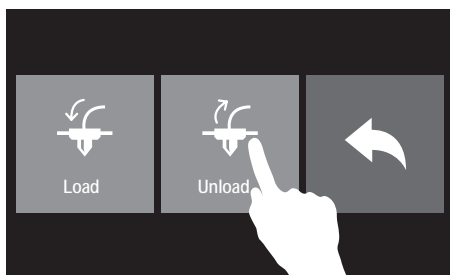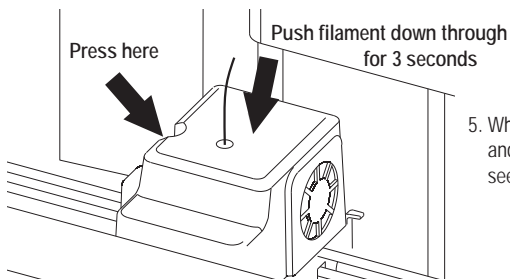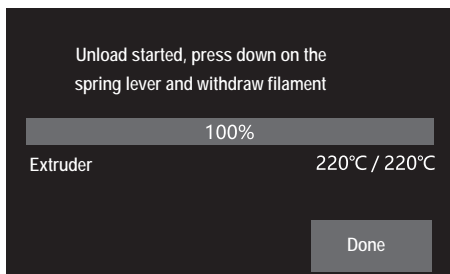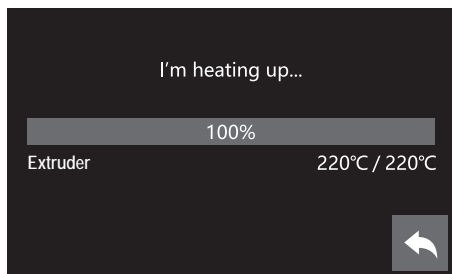
5. When heating to target temparture, press spring presser and push filament down through for 3 seconds, until you see steady filament coming out of the nozzle.

Press here

Withdraw filament
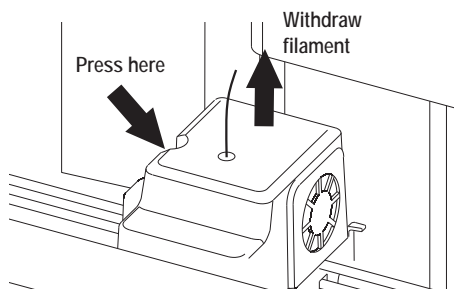
6. Then pull out vertically quickly and release spring presser.
   Tap [Done], go back. Tap return arrow to go back to home screen.

CHANGING THE NOZZLE

NOTE! Changing the nozzle requires a certain level of technical knowledge and experience in using this device. If necessary, have the work carried out by a specialist.
The manufacturer assumes no liability for damage caused by incorrectly executed work!

We have provided detailed video instructions for changing the nozzle on the product page at
www.bresser.de/P2010200.

Bresser GmbH

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Germany

www.bresser.de · service@bresser.de

More information, updates or software

Visit our website using the following QR codes or web links to find additional information, available updates or software for this product or related accessories:

3D printer

Accessories

www.bresser.de/P2010200

www.bresser.de/P2080210000000

After Sales Support / Service

We offer an individual service for this product beyond the purchase. If you have any problems with the product, our support team will be happy to assist you.

For a smooth process, please keep the following information handy for possible inquiries:

• Warranty/Service card
• Article number and Product description
• Date of purchase and dealer

Contact details:

e-Mail: **service.3d@bresser.de**   (preferred communication)
Internet: **www.bresser.de/c/en/service**
Phone*:   **00 800 – 63 43 7000**

Service hours:

Monday to Friday (except national public holidays)   9:00 a.m. to 3:00 p.m. CET

* free hotline throughout Europe

Warranty

Please refer to the separate warranty & service card for any warranty information.