



# MOOZ-3 V4.0 2020-06 OPERATION INSTRUCTION

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# Contents

# I. Fast Assembly

1.1. Accessories List		1
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# **II. Operation Panel**

2.1. Home Page	4
2.2. 3-Point Leveling Interface	4
2.3. File Directory Interface	4
2.4. Control Tools Interface	4
2.5. 3D Print Functional Module Control Interface	5
2.6. Zero Point Setting Interface	5
2.7. X/Y/Z Motion Control Interface	5
2.8. Other Settings Interface	5
2.9. Working Process Control Interface	6
2.10. Switch Mixing Mode Configuration Interface	6
2.11. Gradient Mixing Mode Configuration Interface	6

# III. 3D Printing

3.1. 3-Point Leveling	 7
3.2. Set the Zero Point	 8

3.3. Install/Remove the Filament	9
3.4. Use the Slicing Software	10
3.4.1. Install the Slicing Software	10
3.4.2. Configuration for Initial Use	10
3.4.3. Online Printing	11
3.4.4. Configuration of Color Mixing Scheme	13
3.5. Power-Loss Resume	16
3.6. Printing Control	16

# **IV. Troubleshooting**

Parameters	21
4.4. Maintenance of 3D Print Functional Module	20
4.3. 3D Print Functional Module Failure	19
4.2. Whole Machine Failure	18
4.1. 3D Printing Failure	18

# Symbol Description





nportant precaution: ignoring it may cause malfunction of the machine and the corresponding risk.

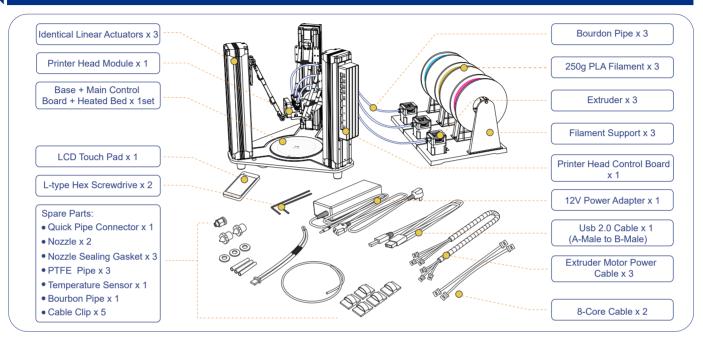




Note: Updated Firmwares, User Manuals, Softwares and Tutorial Videos will be uploaded to our official website www.dobot.cc constantly, please use them for better experience. Any support, please contact us: mooz@dobot.cc.

# **Fast Assembly**

# 1.1 Accessories List

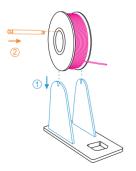


#### 1.1.1 Install the Filament Support

Set up the filament support, and place the filament on it. As shown below

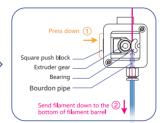
#### 1.1.2 Connect the Bourdon Pipe and Extruder

Run the filament through the extruder and insert one end of the bourdon pipe into pipe connector. Keep feeding the filament until it extends out of the other end of the pipe for about 20~30mm.Place the extruder on the filament support orderly after proper connecting.



¢

Straighten the filament manually



Press down the square push block, insert the filament into bourdon pipe down to the bottom of filament barrel throught the gap between extruder gear and bearing



Rearrange the filament rolls and extruders



In case the bourdon pipe and pipe connector need to be detached: Press down the plastic part of the connector and pull the pipe out quickly (see the illustration above).

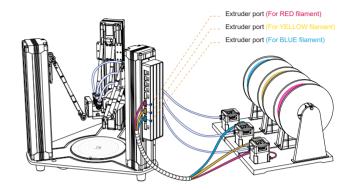
## 1.1.3 Connect the Bourdon Pipe to the Print Head

Straighten out the filament, insert it into the print head. In the meanwhile, feed the bourdon pipe into the pipe connector to clamp it.

# Bourdon pipe Filament Quick pipe connector PTFE pipe

### 1.1.4 Install Extruder Motor Power Cables

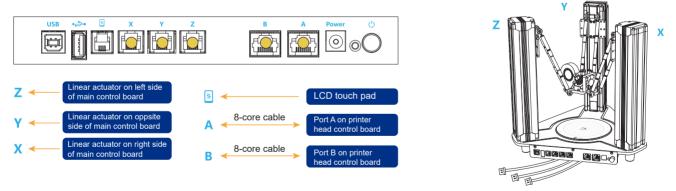
Connect the extruders to the corresponding ports of the printer head control board with cables. As shown below:



# 1.1.5 Connect Cables to Main Control Board

Warning: Wrong connection of cables may cause burnout of control board! Hot-plug is strictly prohibited! Always make sure that all cables are plugged in place before power-on! Plugging of cables during power-on status will cause malfunction!

Before power on the machine, please follow the chart below and connect all cables to the main control board correctly.



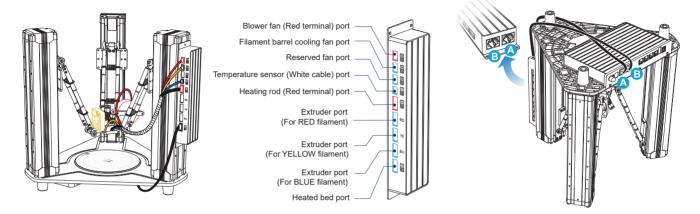
Note: The linear actuators are labeled with X, Y, Z based on mounting positions in the above drawing, which should be connected to the corresponding port on main control board correctly!

# 1.1.6 Connect Cables to Printer Head Control Board

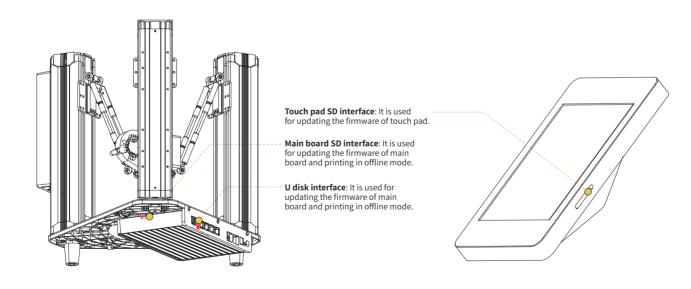
G

Warning: Wrong connection of cables may cause burnout of control board! Hot-plug is strictly prohibited! Always make sure that all cables are plugged in place before power-on! Plugging of cables during power-on status will cause malfunction!

Before power on the machine, please follow the chart below and connect all cables to the printer head control board correctly.

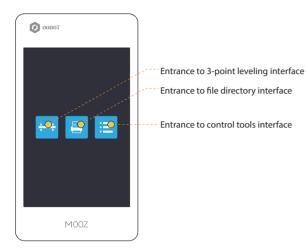


## 1.1.7 External Interface Description

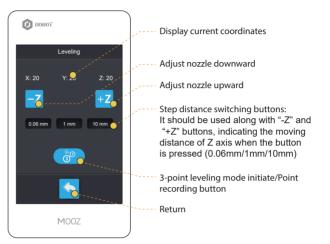


# **Operation Panel**

# 2.1 Home Page



# 2.2 3-Point Leveling Interface

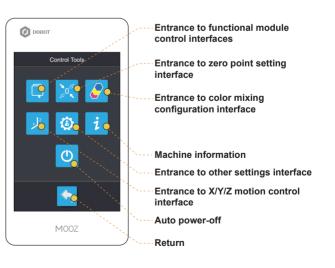


# 2.3 File Directory Interface



- MicroSD card and U disk switching buttons
- Display supported Gcode files in the current disk (microSD / U disk)
- Page backward
- File execution button: After selecting the file, press the button to start printing
- Page forward
- Return
- File copy: Copy the selected file to the other disk
- File delete: Delete the selected file

# 2.4 Control Tools Interface



# 2.5 3D Print Functional Module Control Interface



# Set nozzle preheat target temperature

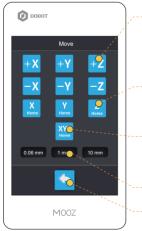
- Set heated bed preheat target temperature
- Preheat nozzle: For testing whether the nozzle heating is normal, press again to stop heating
- Preheat heated bed: For testing whether the bed heating is normal, press again to stop heating
- Filament feed button: For installing filament and testing extrusion performance, provided that the nozzle is preheated to about 200°C
- Cooling fan switch: For detecting whether the cooling fan is normal
- Filament retraction button: For removing filament, provided that the nozzle is preheated to about 200°C

·--- Return

2.6 Zero Point Setting Interface



# 2.7 X/Y/Z Motion Control Interface



#### Control motion of X/Y/Z, the corresponding operations will not change any settings

 Reset X/Y/Z axis linear actuators (Not available for MOOZ-3)

 Reset all linear actuators, the corresponding operations will not change any settings

Step distance switching buttons

Return

# 2.8 Other Settings Interface



5

# 2.9 Working Process Control Interface



Pause/Continue the process

# 2.10 Switch Mixing Mode Configuration Interface



- Red filament percentage: Adjustment range: 0~100, 0 means red filament will not be used to mix
- Yellow filament percentage:
   Adjustment range: 0~100, 0 means
   yellow filament will not be used to mix
- Blue filament percentage:
   Adjustment range: 0~100, 0 means
   blue filament will not be used to mix
- Height adjustment : Adjustment range: 1~100, default is 30mm
- Display current switching scheme:
   A maximum of 4-color switching is supported, you can set different height for each color
- Applied configured mixing scheme
- ---- Default color mixing scheme

# 2.11 Gradient Mixing Mode Configuration Interface



- Red filament percentage:
   Adjustment range: 0~100, 0 means red filament will not be used to mix
- Yellow filament percentage: Adjustment range: 0~100, 0 means yellow filament will not be used to mix
- Blue filament percentage: Adjustment range: 0~100, 0 means blue filament will not be used to mix
- Gradient cycle: Adjustment range: 1~100, default is 30mm
- Display current mixing scheme: Cb is cycle begin color, and Ce is cycle end color

# 3D Printing

# 3.1 3-Point Leveling

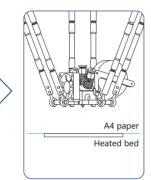
Please follow the guide of the machine to record three different points to define a plane parallel to the heated bed, these three points must be recorded in order with nozzle in the areas shown in the drawing below, one in each. The calibration requires to be set only for the first use.

#### Operation steps:



Press the "Entrance to

3-point leveling interface" button



Place a piece of A4 paper

on the heated bed



Press the "3-point leveling mode initiate/Point recording" button to enter 3-point leveling mode, and the nozzle will automatically go to a position right above Point ①



Press the "-Z" button to get the nozzle closer to the heated bed, and move the A4 paper back and forth at the same time. Stop just when the paper can slip with slight friction



Press the "3-point leveling mode initiate/Point recording" button to record Point ①, The nozzle will automatically go to a position right above Point ② after successful recording 
 Leveling

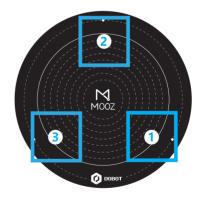
 X: 20
 Y: 20
 Z: 20

 Z
 +Z

 0:06 mm
 1 mm
 10 mm

Do the same height adjusting and point recording steps to record Point (2) and (3). After successful leveling, the machine will home again and exit 3-point leveling mode

MOOZ



Note: 1. Please access to www.dobot.cc to download and upgrade the mainboard firmware! 2. 3-point leveling mode can only be entered with 3D printing head connected.

- 3. Only Z coordinates will be recorded, so all you need to do is adjusting the height with a piece of paper.
- 4. The recorded points will not be lost after power-off. But, once entering 3-point leveling mode, previously recorded points will be cleared automatically.
- 5. Friction status of the three points should be as uniform as possible. Pay attention when traveling the head downward, especially when the nozzle is getting too close to the bed. Even though the height detect protection will take effect and force the machine to go 0.06mm each press, the heated bed may also get burnt if you continuously move it downward without testing the height with a piece of paper.
- 6. A re-assembled machine should be re-levelled.

# 3.2 Set the Zero Point

Zero point is the start point for the machine to print, which requires to be set only for the first use.

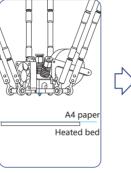
#### Operation steps:





Press the "Entrance to Press control tools interface" button point s

Press the "Entrance to zero Place a piec point setting interface" button on the h



Place a piece of A4 paper on the heated bed



nozzle closer to the heated bed, and

move the A4 paper back and forth at the same time. Stop just when the

paper can slip with slight friction



Press the "Zero point updating" button to record the position of zero point. The machine will home again after successful recording

#### Fine tuning:

This function allows users to fine tune the zero of Z-axis according to bonding status of the first layer, in case the zero point is not satisfactory after standard setting procedures. For instance, if the zero point is too high and causing bonding failure of the first layer:





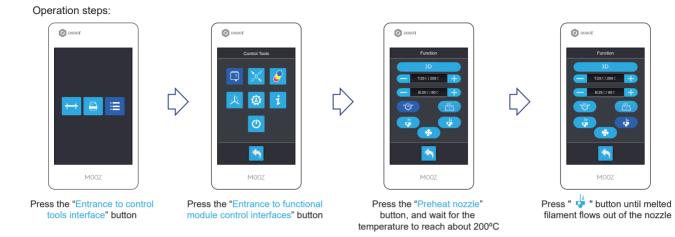
Press " - " button to set a negative fine tuning value

Press the "Zero point updating" button to fine tune the zero point with the value you set. The machine will home again after successful updating



- Only the zero of Z-axis need to be set and recorded. Zeros of X-axis and Y-axis are system default values and will not and cannot be changed.
- 2. Too high Z-axis zero position will lead to loose bonding at the bottom, causing the model falling off, and too low position will make it difficult to take off the model or even scratch the heated bed. Dedicated fine tuning is always required to obtain satisfactory first several layers. If the zero point is too high, please use a negative fine tuning value and use a positive fine tuning value if the zero point is too low.
- 3. Pay attention when moving the head downward, especially when the nozzle is getting too close to the bed. Even though the height detect protection will take effect and force the machine to go 0.06mm each press, the heated bed may also get burnt if you continuously move it downward without testing the height with a piece of paper.
- 4. The zero point will not be lost after power-off, so there's no need to reset it. However, the zero point may be deviated and needs to be reset after the reassembling.
- 5. If your printer prints in the mid air, the zero point must be wrongly set. After correct zeroing and homing, the coordinate of Z should be about 100.
- 6. Please be prudent with the "Zero point updating" button, pressing it will change zero point of the machine. If the fine tuning value remains 0, the operation will record current height of the nozzle as zero point. If the fine tuning value is not 0, the operation will update zero point of Z-axis using fine tuning value you set.

# 3.3 Install/Remove the Filament



Note: 1. In case filament need to be unloaded: preheat the nozzle to tartget temperature and pull the filament out.

2. In case of reloading the filament, refer to Section 1.1.2 and 1.1.3.

# 3.4 Use the Slicing Software

1.Description: MOOZ supports most third-party printing softwares, such as Cura, Repetier-Host, etc. Cura 4.6.1 is described here as an example.

- 2. Please download the latest Cura, the download address: https://ultimaker.com/software/ultimaker-cura
  - 3. The installation and setting of different version of Cura are all most same, please install and set Cura refer to the below.

#### 3.4.1 Install the Slicing Software

Operation steps:

① Double-click		C	
	Cur	a4.6.1.	exe

to install the software:

② Select the installation directory. It is recommended to keep the default, click "Next":

Ø	- 0	Х
D: \ Program	Browse	]
	Next Cancel	_

③ Select the features you need. It is recommended to keep the defaults, click "Install":



④ The window of installing arduino driver will pop up in the process of installation. Please follow the prompts to complete the installation.

 3.4.2 Configuration for Initial Use

 Image: Description: Please visit www.dobot.cc to download the related tutorial videos and softwares.

 Operation steps:
 Image: Run Cura 4.6.1 and go "Settings" > "Printer" > "Add Printer" > "Custom", name your printer "MOOZ-3", and click "Add printer", diaolog of Machine Settings will popup

 Image: Configure the machine
 Image: Configure the machine

E E E E	ngs	Add Proter		2	Custom Custom Custom Printer Name:	M002-3	Add gg
Printer	r	Extrude	er 1		Prir	nter	Extruder 1
Printer Settings	r	Printerhead settings		4	Prin Nozzle Settings	nter	Extruder 1
Printer Settings X(Width)	100 mm	Printerhead settings X min	-50 mm	4		nter	Extruder 1
Printer Settings X(Width) Y(Depth)	100 mm 100 mm	Printerhead settings X min Y min	-50 mm	4	Nozzle Settings	0.4 mm	Extruder 1
Printer Settings X(Width) Y(Depth) Z(Height)	100 mm 100 mm 100 mm	Printerhead settings X min Y min X max	-50 mm -50 mm 50 mm	4	Nozzle Settings Nozzle size	0.4 mm	Extruder 1
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape	100         mm           100         mm           100         mm           Elliptic         V	Printerhead settings X min Y min X max Y max	-50 mm -50 mm 50 mm 50 mm	4	Nozzle Settings Nozzle size Compatible material diar	0.4 mm meter 1.75 mm	Extruder 1
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape Origin at center	100 mm 100 mm 100 mm Elliptic V	Printerhead settings X min Y min X max Y max Gantry height	-50         mm           -50         mm           50         mm           50         mm           100         mm	4	Nozzle Settings Nozzle size Compatible material diar Nozzle offset X	0.4 mm meter 1.75 mm 0 mm	Extruder 1
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape Origin at center Heated bed	100         mm           100         mm           100         mm           Elliptic         V	Printerhead settings X min Y min X max Y max Gantry height Number of Extruders	-50 mm -50 mm 50 mm 50 mm	4	Nozzle Settings Nozzle size Compatible material diar Nozzle offset X Nozzle offset Y Cooling Fan Number	0.4 mm meter 1.75 mm 0 mm 0 mm	
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape Origin at center Heated bed Heated build volume	100 mm 100 mm 100 mm Elliptic V	Printerhead settings X min Y min X max Y max Gantry height	-50         mm           -50         mm           50         mm           50         mm           100         mm	4	Nozzle Settings Nozzle size Compatible material diar Nozzle offset X Nozzle offset Y	0.4 mm meter 1.75 mm 0 mm 0 mm	Extruder 1 Extruder End G-code
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape Origin at center Heated bed	100 mm 100 mm 100 mm Elliptic V	Printerhead settings X min Y min X max Y max Gantry height Number of Extruders	-50         mm           -50         mm           50         mm           50         mm           100         mm	4	Nozzle Settings Nozzle size Compatible material diar Nozzle offset X Nozzle offset Y Cooling Fan Number	0.4 mm meter 1.75 mm 0 mm 0 mm	
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape Origin at center Heated bed Heated build volume	100 mm 100 mm 100 mm Elliptic V	Printerhead settings X min Y min X max Y max Gantry height Number of Extruders	-50         mm           -50         mm           50         mm           50         mm           100         mm	4	Nozzle Settings Nozzle size Compatible material diar Nozzle offset X Nozzle offset Y Cooling Fan Number	0.4 mm meter 1.75 mm 0 mm 0 mm	
Printer Settings X(Width) Y(Depth) Z(Height) Build plate shape Origin at center Heated bed Heated build volume G-code flavor	100 mm 100 mm 100 mm Elliptic V	Printerhead settings X min Y min X max Y max Gantry height Number of Extruders Shared Heater	-50         mm           -50         mm           50         mm           50         mm           100         mm	4	Nozzle Settings Nozzle size Compatible material diar Nozzle offset X Nozzle offset Y Cooling Fan Number	0.4 mm meter 1.75 mm 0 mm 0 mm	

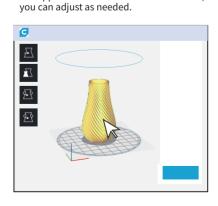


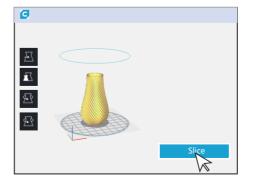
Note: Origin of MOOZ-3 is defaulted at the center of heated bed, please be sure to check the "Origin at center" box, otherwise the machine will not work normally.

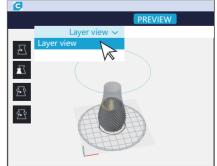
# 3.4.3 Printing

#### Load and profile the model:

- ① Adjust the model: Left click on the model, four
  - options " 표", " 표", " 표" and " 표" will appear on the left side of the interface,
- ② After setting parameter according to the next page, click Slice to generate Gcode file.
- ③ View the details of the slice: Click the drop-down list on the upper middle corner of the interface and select "Layer view" to view the details of the slice.









Description of key profile settings:

① Layer Height: For the height of each layer of printing, smaller value will produce finer surface, but cost more printing time. Suggested range is 0.05 to 0.3, not exceeding 3/4 of the diameter of the nozzle. MOOZ used 0.4mm nozzle, means not exceeding 0.3.

② Wall Thickness: For the printing thickness of the outer surface of the model, the setting of 1.2 indicates that the outer surface will go three rounds, since the width of each round equals to the diameter of the nozzle, namely 0.4.

③ Top/Bottom Thickness: Determine the bottom/top thickness of the model.

- ④ Infill Density: Determine the filling density of the internal grid of the model, generally set at 15% or less.
- (5) Printing Temperature: Need to be set according to filament type. Suggested value for PLA is 200~210  $\mathbb{C}$  .
- $6\!\!\!6$  Build Plate Temperature: Need to be set according to filament type. Suggested value for PLA is 60~70 C .
- ⑦ Travel Speed: Travel speed should be set no greater than 40mm/s, otherwise the Z linear actuators may lose some steps when traveling downward from home position too fast and cause zero point deviation.
- ③ Support Placement: If the model has any hovering part, the option must be switched on. Generally, "Everywhere" indicates that support can be added on the model itself. If you select "Touching buildplate", it indicates that support can be added only between the print platform and the model hovering position, not on the model.
- ③ Build Plate Adhesion: "Brim" indicates that a few layers of outer ring should be added on the bottom edge of the model so as to prevent warping. And "Raft" is used to get the whole model raised by adding a raft-like base on the bottom when the heated bed leveling status is not satisfying.
- ③ Spiralize Outer Contour (i.e., vase mode): Only the outer surface and the bottom of the model are printed, and continuous spiral lift will appear when printing the outer surface, which can improve the surface quality, but has requirements for the model, and that is, the model can only have one outer surface and can not be hovered.

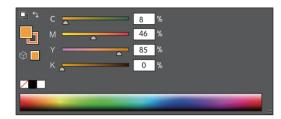


- 1. Hover the mouse over the option, and the corresponding hint will appear.
- 2. Right-click anywhere within the parameter setting area, you can "Configure setting visibility".
- 3. Tutorial video for using Cura is available on our official website.

Print settings						×
Profile Fir	ne - 0.1mm				* `	~
Q Search setting	gs				≡	
Layer Height			°	0.1	mm	
Line Width				0.4	mm	
🔼 Shell					$\sim$	
Wall Thickness				0.8	mm	
Top/Bottom Th	ickness			0.8	mm	
Print Thin Wall	s					
🖾 Infill					$\sim$	
Infill Density				20	%	
Gradual Infill S	teps			0		
Material					$\sim$	
Printing Tempe	erature	5	0	205	°C	
Build Plate Ten		°	ゥ	70	°C	
Flow				100	%	
O Speed					$\sim$	
Print Speed				60	mm/s	
Inifll Speed				60	mm/s	
Wall Speed		っ	G	15.0	mm/s	
Travel speed		っ	G	40	, mm/s	
🗾 Travel					<	
券 Cooling					<	
Support					<	
÷ Build Plat	e Adhesion				$\sim$	
Build Plate Adh	esion Type	æ	ゥ	Raft	~	
Raft Extra Marg	gin	°	ゥ	4	mm	
Raft Air Gap		°	ゥ	0.2	mm	
Initial Layer Z (	Dverlap		°	0.1	mm	
Raft Top Layers	5	°	ゥ	4		
Raft Print Spee		~ r)	0	15	mm/s	
I Dual Extru					<	
🖾 Special M	odes				$\sim$	
Print Sequence			æ	All at Once	~	
Surface Mode				Normal	~	

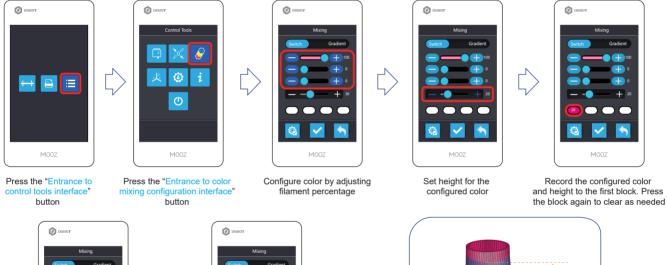
# 3.4.4 Configuration of Color Mixing Scheme

The machine adopts CMY subtractive color mixing model, wherein C stands for Cyan, M stands for Magenta, and Y stands for Yellow. For gradient mixing mode, the gradual color changing process will follow the CMYK chromatography in general. You can use image-editing software, Photoshop for instance, for accurate color configuration.



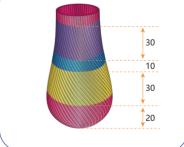
Note: The principle of color mixing is only for reference. Due to the non-real-time and uniformity of color mixing, the color of actual printing will be slightly different from the theoretical setting.

#### 1. Switch mixing mode









Configure color and set height for other blocks as needed. A maximum of 4-color switching is supported Apply the configured mixing scheme

Estimated result

- Note: 1. If only one color block is configured and the others are left empty, the whole model will print with the very one color you configured regardless of the height parameter.
  - 2. If you only want to use one or two of the three filament rolls, always set percentage of the filament you don't want to use to 0 when configuring. 3. Due to the uniformity of color mixing, there will be a partial gradient transition between actual layers.

## 2. Gradient mixing mode



Press the "Entrance to control tools interface" button

Press the "Entrance to color mixing configuration interface" button

Switch to gradient mixing mode

Configure color by adjusting filament percentage

MOOZ



Record the configured color to the "Cb" block. Press the block again to clear as needed



Configure color and record it to the "Ce" block

Adjust gradient cycle

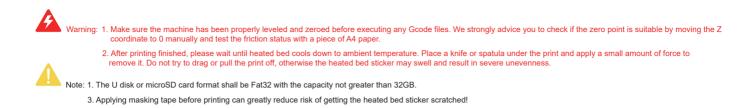
Apply the configured mixing scheme

Estimated result



Note: 1.The system default gradient mixing scheme requires 3 rolls of filament.

2. Due to the uniformity of color mixing, there will be a partial gradient transition between actual layers.



#### Operation steps:

1. Preheat nozzle and heated bed to target temperature, and test extrusion performance of the 3D print functional module. Refer to Section 3.3.

2. Follow the steps below to execute the Gcode file.



to file directory interface"

button



Switch to microSD card or U disk



Press to select the file you want to print



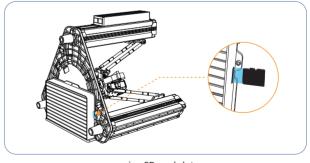
Press the "File execution" button to start printing



Wait for the heated bed and nozzle to be heated to the target temperature



Start printing automatically



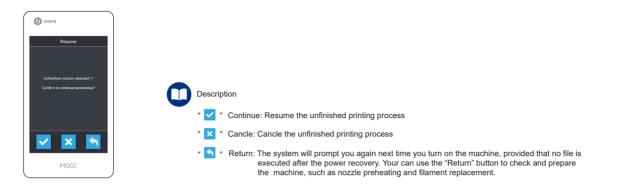
microSD card slot



The main control board is designed with microSD card slot. MicroSD card is neither standardly equipped nor required. Format of microSD card you used shall be Fat32 with the capacity not greater than 32GB.

# 3.5 Power-Loss Resume

In case of abrupt power failure during printing, the machine will save current printing process and move the functional module away from the print. You may resume or cancle the process after power recovery.



# 3.6 Printing Control

- 1. Speed Control: Change printing speed in real-time. Note that too high speed may sacrifice accuracy and service life of the machine.
- 2. Process Control—Pause/Continue: Press to pause the printing process, press again to continue.
- 3. Process Control-Abort: Press to abort current printing process. The process will be unrecoverable once aborted, please be prudent.



Speed Control Process Control—Pause/Continue

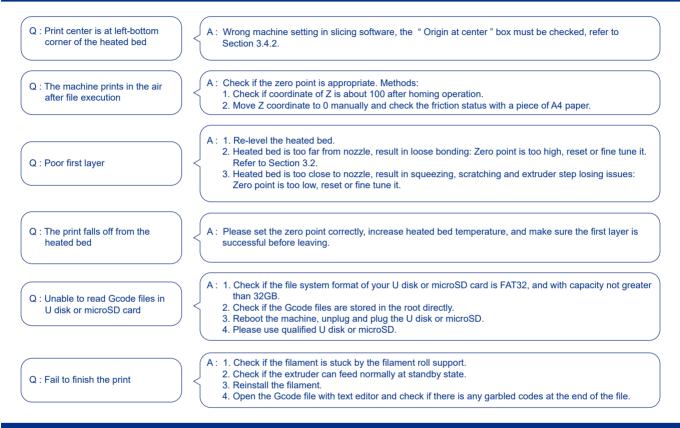
Process Control—Abort

Auto power-off

4. Auto power-off: The machine will power off automatically after finishing the current printing/engraving/carving process, provided that the "Auto power-off" button is activated.

# V Troubleshooting

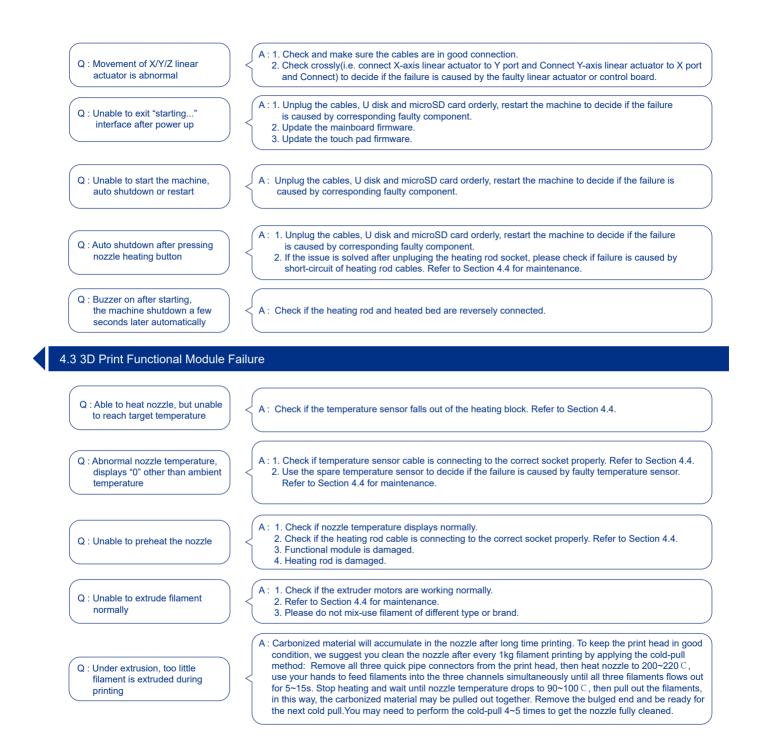
# 4.1 3D Printing Failure



# 4.2 Whole Machine Failure

Q : Unable to control X/Y/Z movements

- A: 1. Check and make sure all cables are properly connected to the right sockets.
  - Check if the nozzle temperature is normal, displaying "0" means unable to read nozzle temperature. In this case, please use the spare temperature sensor to decide if the failure is caused by faulty temperature sensor. Refer to Section 4.4 for maintenance.



# 4.4 Maintenance of 3D Print Functional Module

In case of clogging issue, leading to slipping or step losing of extruder motors: Please preheat nozzle to target temperature, press down the plastic part of the quick pipe connector (2) and remove the corresponding bourdon pipe (1). Remove the swelling end and reinstall it.

If the clogging issue is not solved by reinstalling the filament: Please refer to the last Q&A in Section 4.3 for maintenance of the nozzle.

In case of replacing the PTFE pipe (5), please screw off the quick pipe connector (2) and filament barrel cap (3) after heating nozzle to target temperature.

Note: No need to disassemble the print head further to fix clogging issue. For replacing nozzle() or temperature sensor (), please follow the steps below:

Remove the fixing screw of heat insulation block (), take down the whole print head from the triangular piece ().

Loosen the fixing screw of heating rod O, for replacing the heating rod & temperature sensor suite O.

Warning: Please follow the steps above to replace temperature sensor. Fitting area between the nozzle (a) and filament barrel (a) is sealed with sealant during factory assembling. Please do not try to loosen the filament barrel fixing screw(f).

In case of replacing the nozzle (6), please screw off the old one with a plier or wrench. You may need to heat the nozzle to about 160°C first.

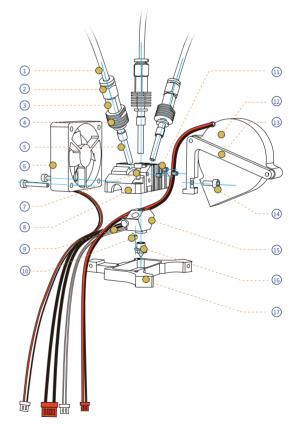
Fit a new sealing gasket into the groove of the nozzle, and tighten them on the heating block as hard as you can to prevent oozing issue .



The sealing gasket is disposal and mustn't be reused

- (1) Bourdon pipe
- (2) Quick pipe connector
- (3) Filament barrel cap
- (4) Filament barrel
- (5) PTFE pipe
- 6 Filament barrel cooling fan
- (7) Fixing screw of heat insulation block
- (8) Heat insulation block
- (9) Heating rod & temperature sensor suite

- (1) Heating rod fixing scew
- (1) Filament barrel fixing screw
- (12) Blower cooling fan assembly
- (13) Blower cooling fan support
- Blower cooling fan support fixing screw
- (15) Heating block
- (16) Nozzle + sealing gasket
- 17) Triangular piece



# Parameters

Overall Dimensions: Φ350 \* 325mm

Adapter Input: 100-240V~50/60Hz, 1.8Amax

Adapter Output: 12V~10A

Main Material: Aircraft-grade aluminum

Operation Panel: 3.5' LCD touch pad



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

All RF frequencies are not restricted in EU member states

FCC ID: 2AHI4-MOOZ-3

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For more information, please visit www.dobot.cc

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