To be the Chief Evangelist

Ender-3 Pro Series 3D Printer

Guide Book

【To make Top-quality 3D printer】

◆ This guide is for the Ender-3 Pro Series of 3D printers.
◆ Select the correct input voltage to match your local mains (230V or 115V)
◆ Because of software/hardware upgrades and model differences, new revisions may not be listed in this guide.
◆ Please plug the power cord into a three-hole power jack.
◆ Detailed instructions for use are available on the SD card.

Notes

1. Do not use the Printer in any way other than described herein to avoid personal injury or property damage.
2. Do not place the Printer near flammables, explosives or heat sources. It is best to place it in a well-ventilated, low-dust environment.
3. Do not expose the Printer to violent vibration or any unstable environment. This will cause poor print quality.
4. The filaments recommended by the manufacturer are preferred as to avoid clogging in the hot end and/or Printer damage.
5. Do not use any other power cable than the one supplied. Use a grounded three-prong power outlet.
6. Do not touch the nozzle or hot bed during printing. Keep hands away from machine while in use to avoid burns or personal injury.
7. Do not wear gloves or loose clothing when operating the Printer. These loose articles can become caught in moving parts and cause personal injury or Printer damage.
8. Clean off filament from the nozzle tip with the provided pliers before the nozzle cools. Do not touch the nozzle directly. This can cause personal injury.
9. Clean the Printer frequently. With the machine powered off, clean the printer body with a dry cloth to remove dust, adhered printing materials and foreign objects on guide rails. Use glass cleaner or isopropyl Alcohol to clean the print surface before every print for consistent results.
10. Children under 10 years of age should not use the Printer without supervision.

Contents

Preface

Dear consumers,

    Thank you for choosing our products. For the best experience, please read the instructions before operating the Printer. Our 3D team is always ready to provide you with assistance. Please contact us via the phone number or e-mail address provided at the end when you encounter any problem with the Printer.
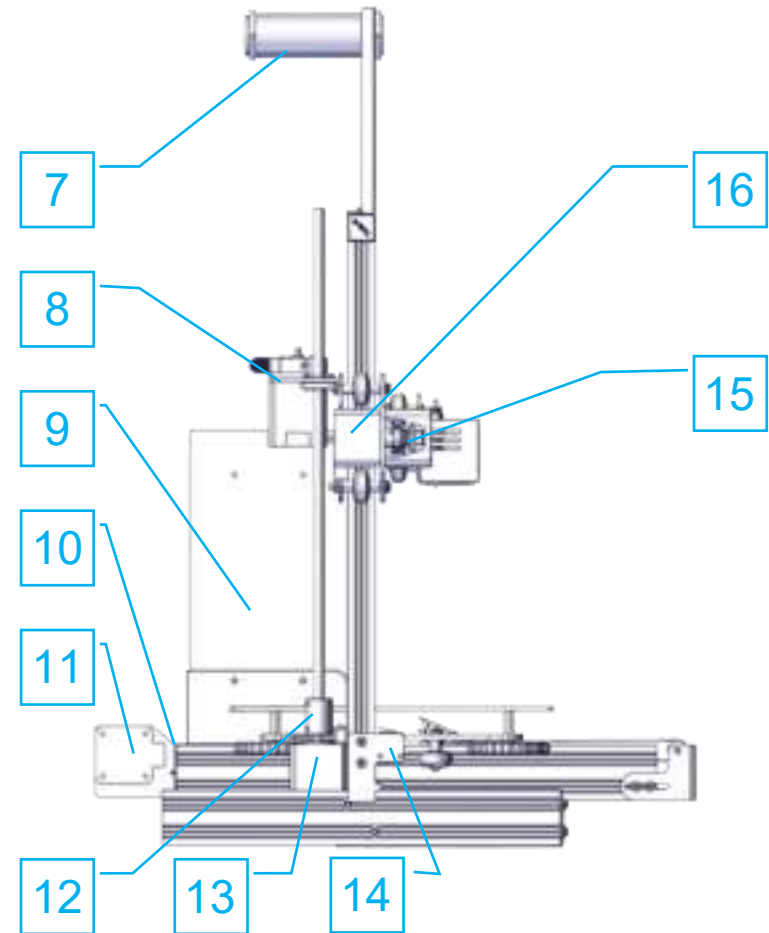
    For a better experience in using our product, you may learn how to use the Printer in the following ways:

1. View the accompanied instructions and videos on the SD card.

2. Visit our official website at **www.creality3d.cn** You will find relevant software/hardware information, contact details and operation and maintenance instructions on the website.

1. Introduction
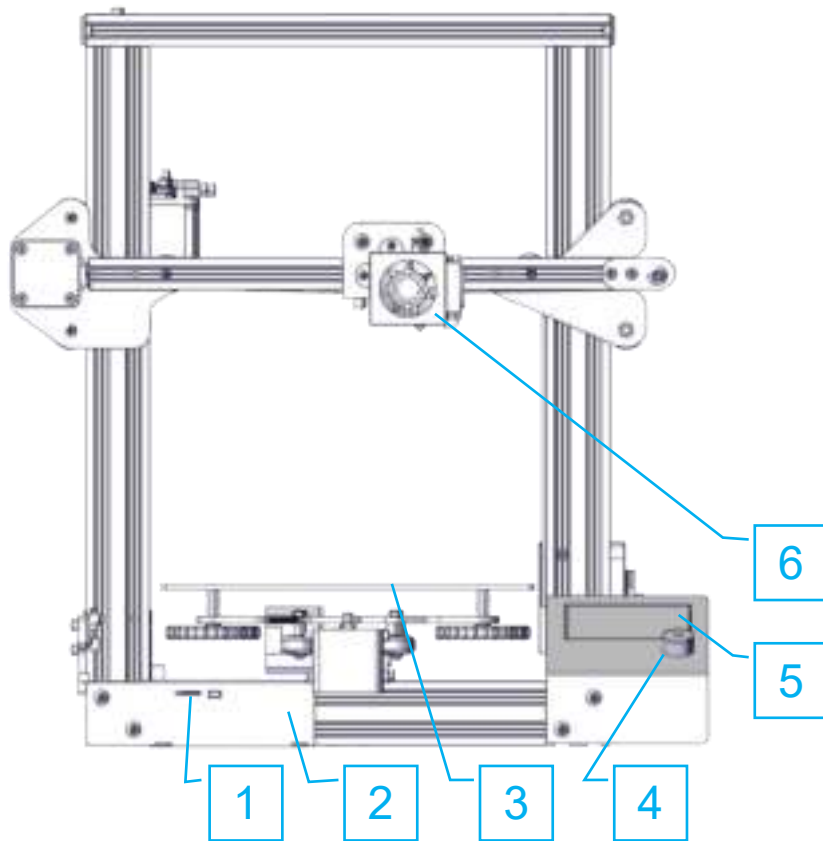
1. SD Slot and USB Port
2. Control Box
3. Print Surface
4. Control Knob
5. Display Screen
6. Nozzle Assembly
7. Spool Holder
8. Extruder (E) Stepper
9. Power
10. Y Limit Switch
11. Y Stepper
12. Coupling
13. Z Stepper
14. Z Limit Switch
15. X Limit Switch
16. X Stepper

2. Screen Information

Information Displayed

Set Temperature of the Nozzle

Current Temperature of the Nozzle

Set Temperature of the Hot Bed

CurrentTemperature of the Hot Bed

Part Cooling Fan Speed

Current Location of the nozzle

Print Time

Print Progress

Prompt Message

Print Speed

Model

Push：OK/Enter Sub Menu
Turn：Change Option/Value

| Screen Options		
Menu	Sub Menu	Explanation
↑ Info Screen ↑	↑ main ↑	Return
Prepare →	Disable Steppers	Moving X Y Z axis by your hands
	Auto Home	return to the origin
	Preheat PLA	
	Preheat ABS	
	Cooldown	Close and cooldown the nozzle
	Move Axis →	Moving X Y Z axis or Extruder by given value.
Control →	Temperature →	Heat the nozzle and the bed or change fan speed by given value
	Restore Failsafe	Restore factory setting
No card /Print from SD	Select the printing model	
Init. SD-Card /Change SD-Card		
	Pringting	
Tune →	Speed	Change Printing Speed by given value
	Nozzle	Change the temperature by given value
	Bed	Change the temperature by given value
	Fan Speed	Change Fan Speed by given value
	Flow	Change filament flow by given value
Pause Print		
Stop Print		

3. Loading Filament

1. Preheat

Method 1
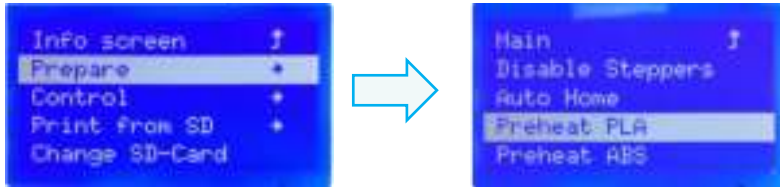

Method 2
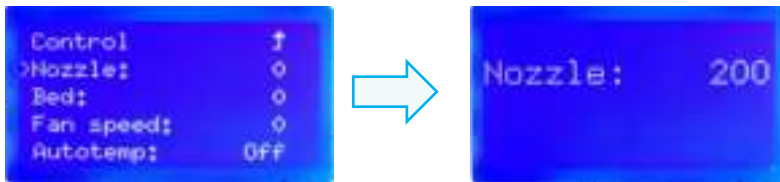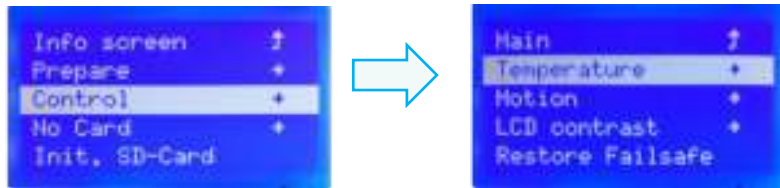
2. Feeding

Press and hold the extruder lever then insert 1.75mm filament through the small hole of the extruder. Continue feeding until you see filament come out the nozzle.
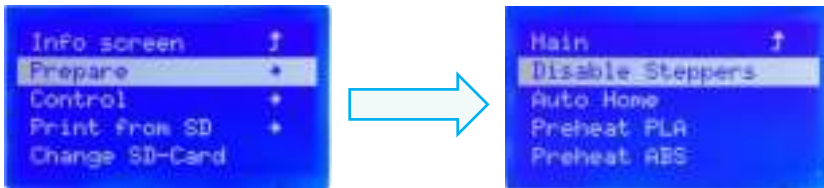
Tip：**How to Replace the Filament?**

1、Cutting filament near the Extruder and slowly feed new filament until they are fed into the new filament.

2、Preheating the nozzle and withdraw the filament quickly and feed the new filament.

4. Bed Leveling
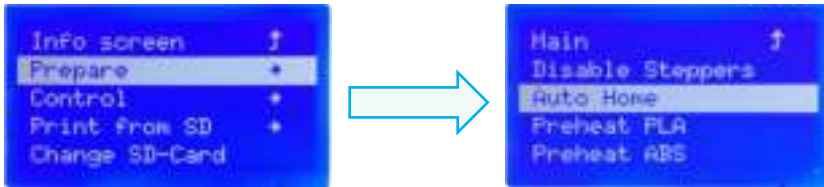
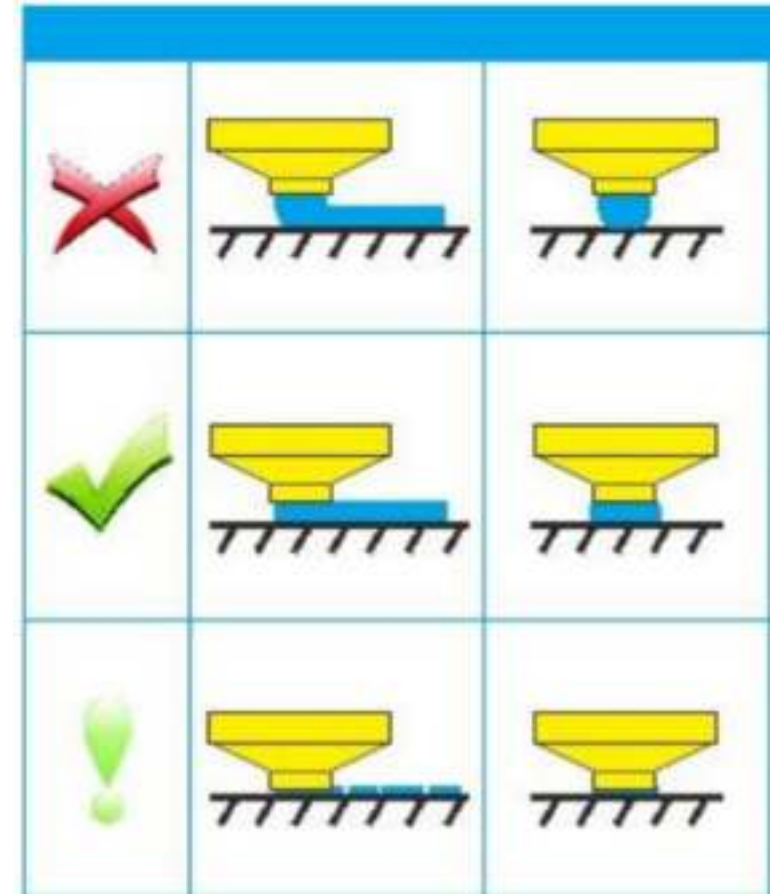1. Prepare →Auto Home. Wait for the nozzle to move to the left/front of the platform.

2. Prepare→Disable Steppers(Close stepper drive，release motor)

3. Move the nozzle the front/left leveling screw and adjust the platform height by turning the knob underneath. Use a piece of A4 paper (standard printer paper) to assist with the adjustment, making sure that the nozzle lightly scratches the paper.
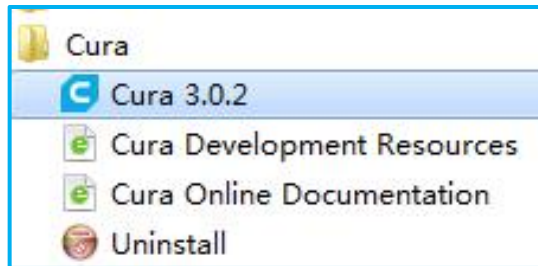4. Complete the adjustment of the screw on all 4 corners.
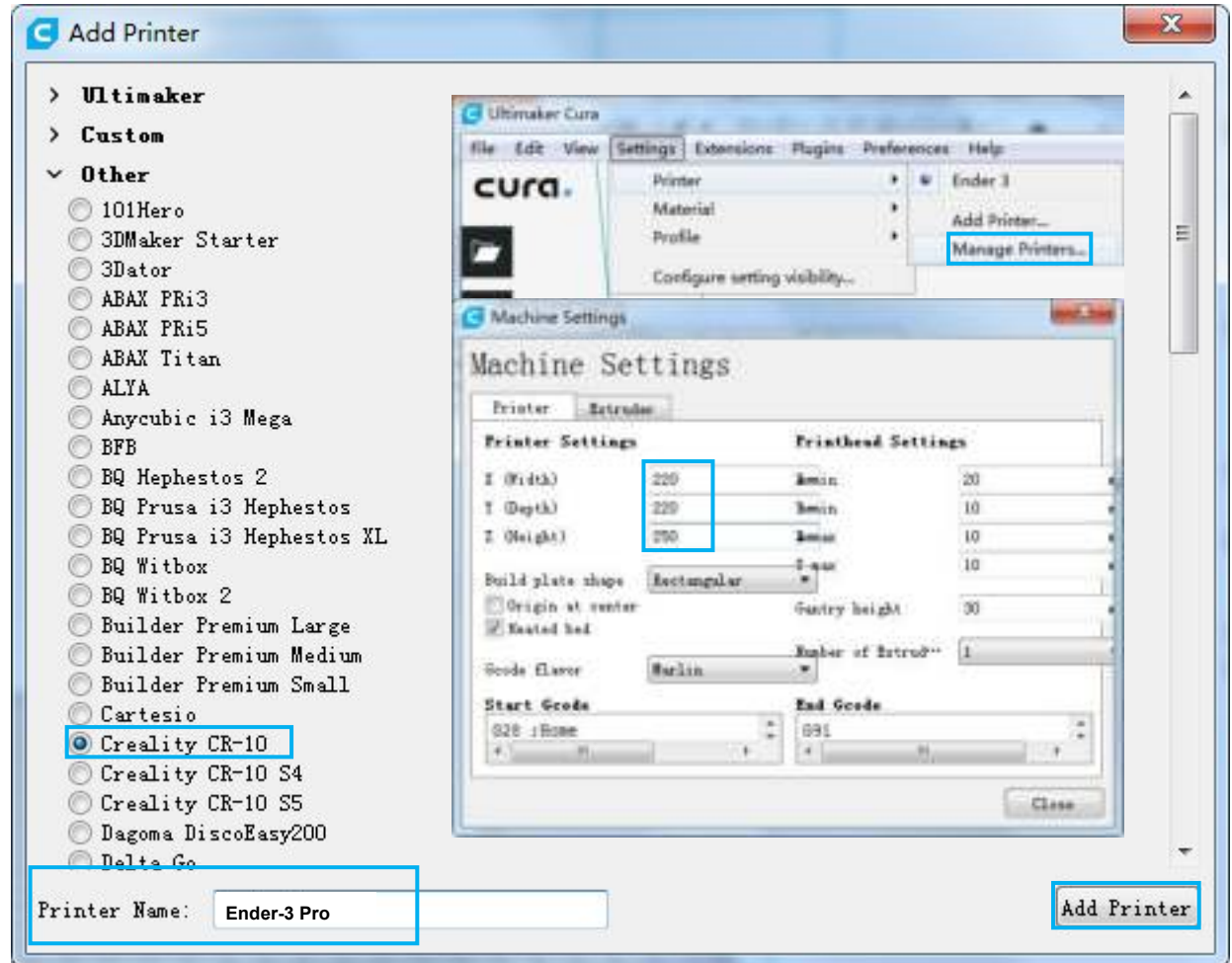5. Repeat above steps 1-2 times if necessary.

5. Software Installation

Cura-3.0.2-win64

1. Double click the Cura icon to install the Cura Slicing Software.

Cura
- Cura 3.0.2
- Cura Development Resources
- Cura Online Documentation
- Uninstall

2. Start Cura from the Start Menu.

Add Printer

> Ultimaker
> Custom
∨ Other
  ○ 101Hero
  ○ 3DMaker Starter
  ○ 3Dator
  ○ ABAX PRi3
  ○ ABAX PRi5
  ○ ABAX Titan
  ○ ALYA
  ○ Anycubic i3 Mega
  ○ BFB
  ○ BQ Hephestos 2
  ○ BQ Prusa i3 Hephestos
  ○ BQ Prusa i3 Hephestos XL
  ○ BQ Witbox
  ○ BQ Witbox 2
  ○ Builder Premium Large
  ○ Builder Premium Medium
  ○ Builder Premium Small
  ○ Cartesio
  ● Creality CR-10
  ○ Creality CR-10 S4
  ○ Creality CR-10 S5
  ○ Dagoma DiscoEasy200
  ○ Delta Go

Printer Name: Ender-3 Pro

Add Printer

Machine Settings

Printer Settings
X (Width) 220
Y (Depth) 220
Z (Height) 250

3. Select Other→Creality CR-10→Printer Name：Ender-3 Pro→Add Printer.
4、Setting→Printer→Manage Printers...
5、Change Printer Settings to （220,220,250）.

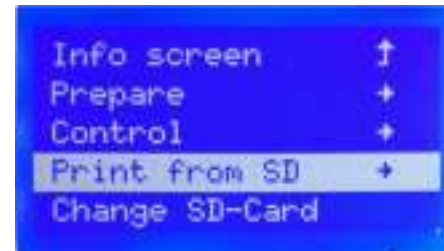# 6. Preparing to Print
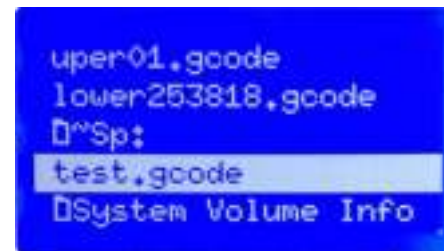
1. Slicing

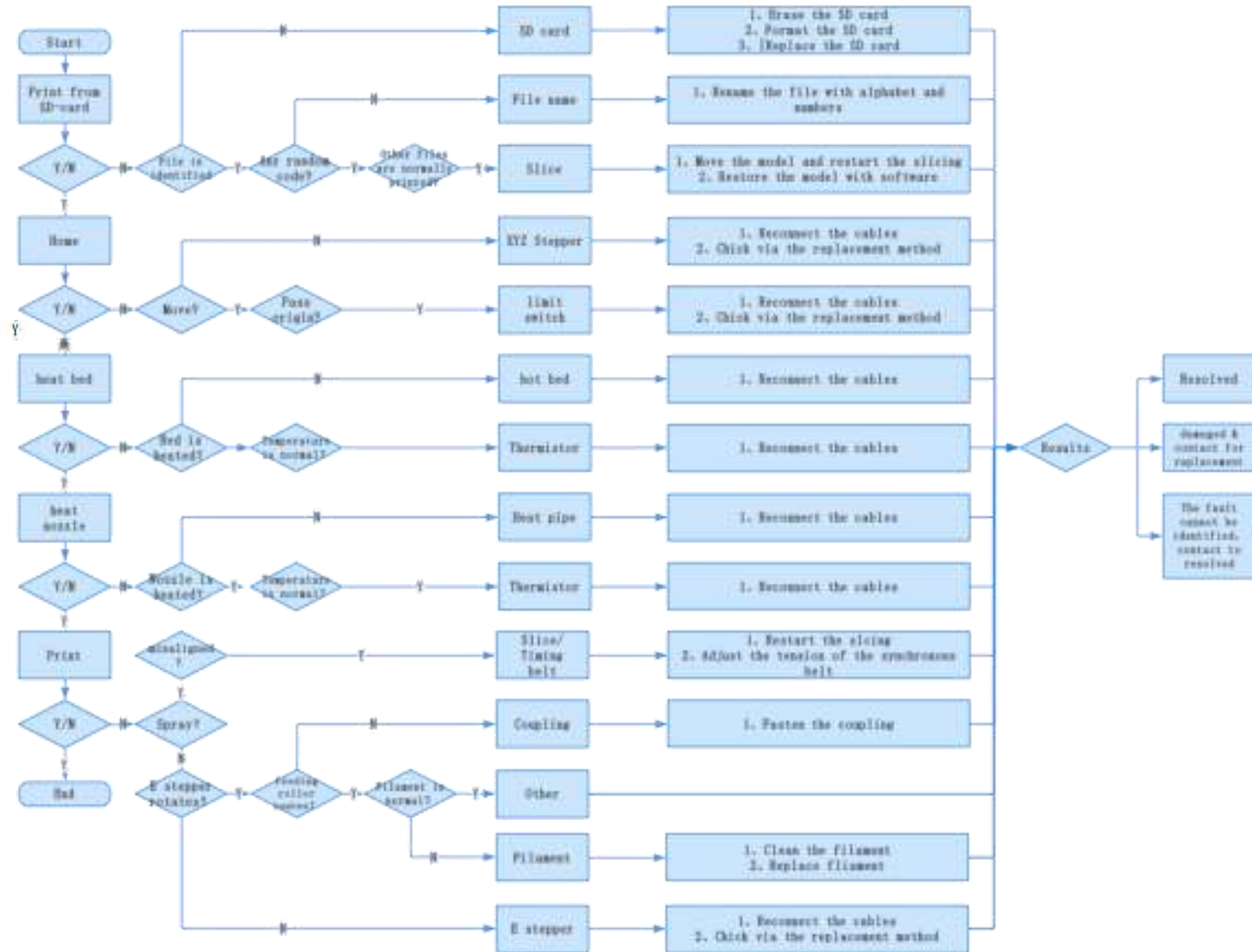Insert SD card into computer with Reader.

1. Open file

2. Select file

3. Open

4. Save to SD Card

2. Printing

Insert the SD card

Select "Print from SD"

Select the file to be printed

7. Trouble shooting

8. Circuit Wiring Diagram

X轴电机 X motor
Y轴电机 Y motor
Z轴电机 Z motor
挤出电机 E motor

SD卡槽 SD Card

USB接口 USB

ISP固件烧录口 ISP

液晶显示屏 LCD Displayer

可控风扇 Fan

喷头热敏电阻 Nozzle thermistor

热床热敏电阻 Hot bed thermistor

电源 Power

常开风扇 Fans
热床输出口 Hot Bed
喷头输出口 Nozzle
可控风扇 Fan
X轴限位开关 X Limit switch
Y轴限位开关 Y Limit switch
Z轴限位开关 Z Limit switch

Creality3D
CX 171010
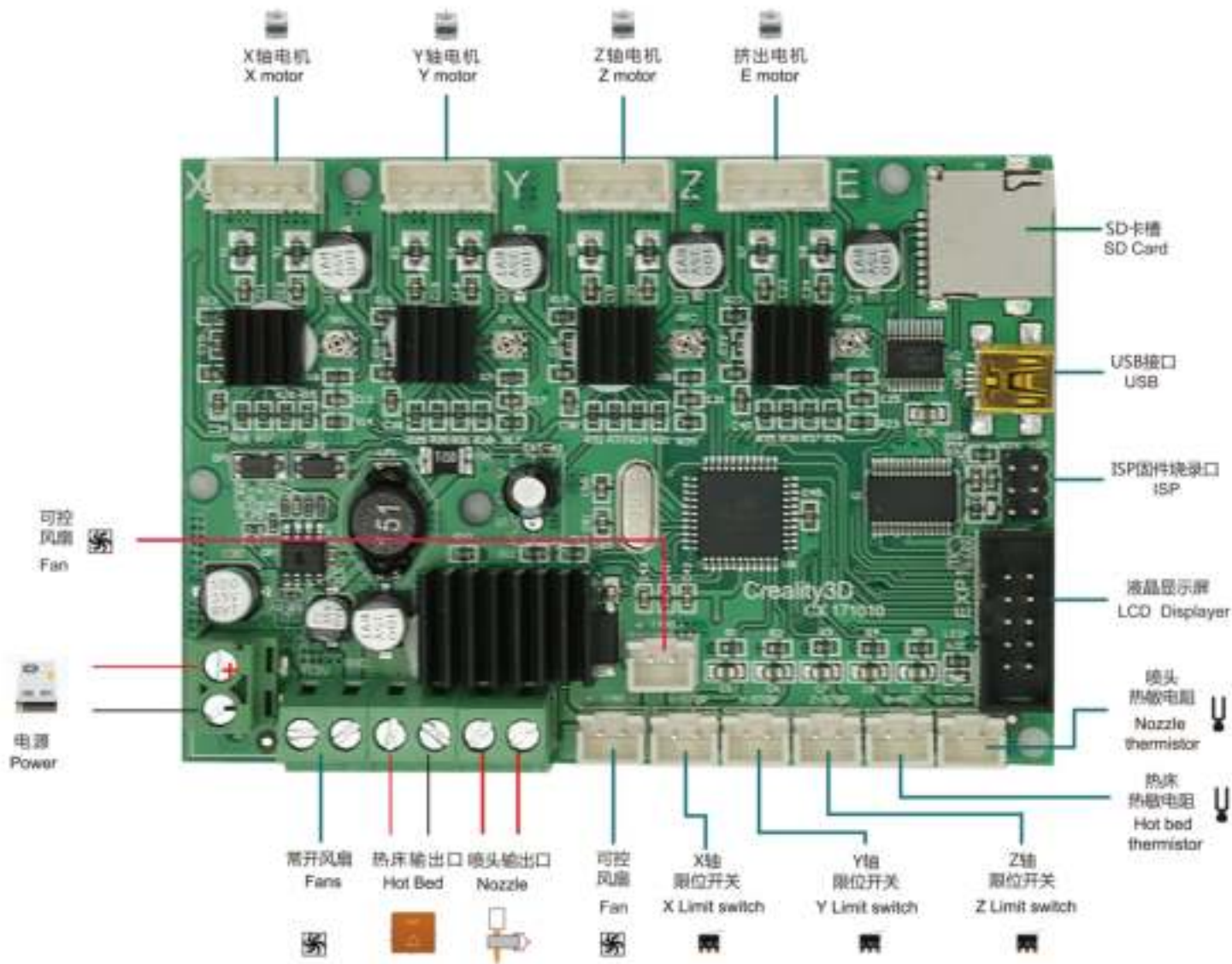
Facebook QR code

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