



CREALITY
创想三维

创造现实，成就梦想
Create reality, achieve dreams

CR-1000 Pro

CR-1000 Pro

3D Printer User Manual

3D打印机用户使用手册

V1.0

Dear Consumers,

Thank you for choosing our products. For the best experience, please read the instructions before operating the printer. Our teams will always be ready to render you the best services. 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 can also learn how to use the printer in the following ways:

View the accompanied instructions and videos in the SD card.

Visit our official website www.creality.com to find relevant software/hardware information, contact details and operation and maintenance instructions.

尊敬的用户：

感谢您选择创想三维的产品。为了您使用方便，请您在使用之前仔细阅读本说明书，并严格按照说明书的指示进行操作。

创想三维团队时刻准备为您提供优质的服务。在使用过程中无论遇到什么问题，请按照说明书结尾所提供的电话、邮箱与我们联系。

为了您能够更好地体验我们的产品，您还可以从以下方式获取设备操作知识：

随机使用说明：您可以在SD卡内找到相关使用说明及视频。

您还可以登陆创想三维官网(www.cxsw3d.com)寻找相关软硬件、联系方式、设备操作、设备保养等信息。

Firmware Upgrade,

Please login the official website <https://www.creality.com/download>, switch the language and select the relevant printer and model and download the required firmware, you can use it after the installation is finished.

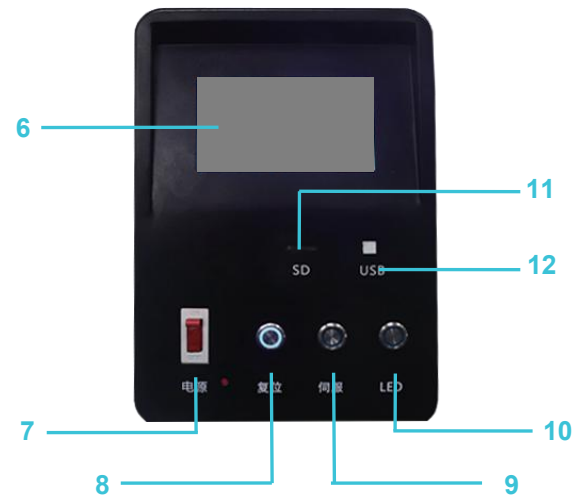
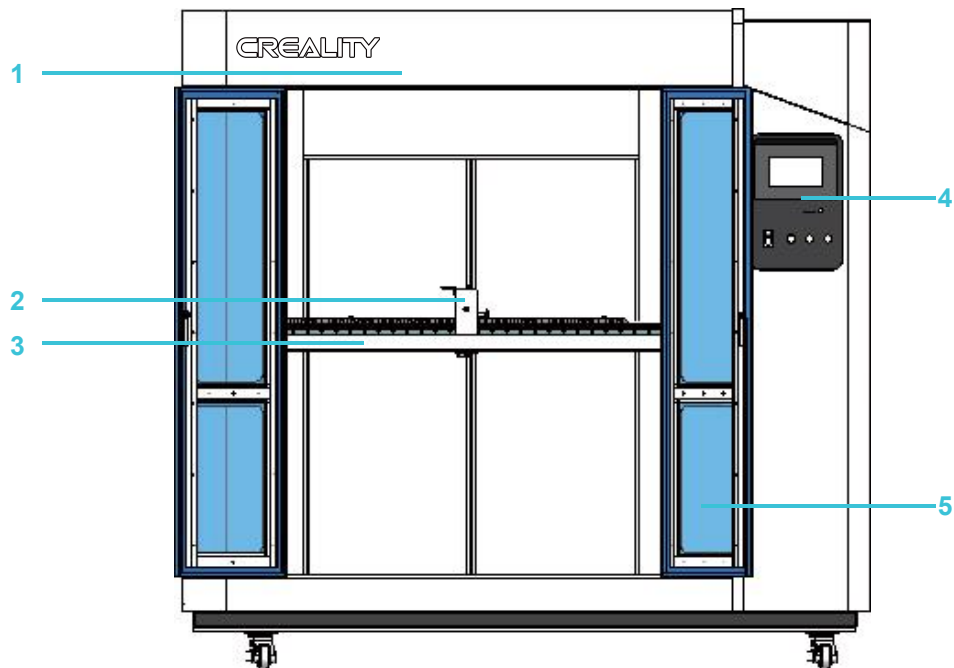
固件升级：

请您登录官网<https://www.cxsw3d.com>，切换语言选择相关机型与型号，下载所需固件，安装完成后即可使用。

- 1 Do not use the printer any way other than described herein in order to avoid personal injury or property damage.
- 2 Do not place the printer in the environment with large vibration or other instability. The shaking of the machine will affect the printing quality of the printer.
- 3 Please do not place the machine in inflammable and explosive materials or near high heat source. Please place the machine in a ventilated, cool and dust free environment.
- 4 It is recommended to use consumables recommended by the manufacturer to avoid machine damage.
- 5 Do not use any other power cable except the one supplied. Always use a grounded three-prong power outlet.
- 6 Please do not open the plastic cover during usage, otherwise the printing will be interrupted.
- 7 Do not wear cotton gloves when operating the printer. Such cloths may become tangled in the printers moving parts leading to burns, possible bodily injury, or printer damage.
- 8 Please wait a moment after the print is finished. And please wear gloves to take out the print by tools.
- 9 Clean the printer frequently. Always turn the power off when cleaning, and wipe with a dry cloth to remove dust, adhered printing plastics or any other material off the frame, guide rails, or wheels. Use glass cleaner or isopropyl alcohol to clean the print surface.
- 10 Children under 10 years should not use the printer without supervision.
- 11 This machine is equipped with a security protection mechanism. Do not manually move the nozzle and printing platform mechanism manually while booting up, otherwise the device will automatically power off for safety.
- 12 Users should comply with the laws and regulations of the corresponding countries and regions where the equipment is located (used), abide by professional ethics, pay attention to safety obligations, and strictly prohibit the use of our products or equipment for any illegal purposes. Creality will not be responsible for any violators' legal liability under any circumstance.

- 1 请勿尝试任何使用说明中没有描述的方法来使用本机，避免造成意外的人身伤害和财产损失；
- 2 请勿将打印机放置在振动较大或者其他不稳定的环境中，机器晃动会影响打印机打印质量；
- 3 请勿将本机放置在易燃易爆物中或高热源附近，请将本机放置在通风、阴凉、少尘的环境内；
- 4 建议使用厂家推荐耗材，以免造成机器损坏；
- 5 请勿在安装过程中使用其他产品电源线代替，请使用本机附带的电源线，电源插头需接插在带有地线的三孔插座；
- 6 请勿在操作打印机工作时打开打印机面盖，以免影响打印；
- 7 请勿在操作打印机时戴棉手套，以防可动部件对人身造成卷入挤压和切割伤害；
- 8 在打印完毕后稍等片刻，带上手套后再取下打印平台，借助工具将平台上的模型取下，清理时请勿直接用手触摸；
- 9 定期清洁打印机，清洁时务必关掉电源，并用干布擦去灰尘、附着在印刷塑料或框架、导轨或车轮上的任何其他材料；使用玻璃清洁剂或异丙醇清洁印刷表面；
- 10 年龄在10岁以下的儿童，请勿在没有人员监督的情况下使用本机，以免造成人身伤害；
- 11 本机设有安全保护机制，请勿在开机状态下手动快速移动喷头及打印平台机构，否则设备会自动断电关机保护；
- 12 使用者应遵守设备所在地（使用地）相应国家、地区法律法规，恪守职业道德，注意安全义务，严禁将我司的产品或设备使用在任何非法用途上。如有违反者所应承担的相关法律责任我司概不负责。

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1. Casing
机壳

2. Nozzle assembly
喷头组件

3. XY frame
XY框架

4. Control panel
控制面板

5. Front door
前门

6. Screen
触摸屏

7. Power switch
电源开关

8. Reset Switch
复位开关

9. Servo switch
伺服开关

10. LED light
LED灯

11. SD slot
SD卡槽

12. USB Slot
USB插口

Basic Parameters 基本参数	
Model 型号	CR-1000 Pro
Software language 中英切换	English 中文
Print method 打印方式	SD card, USB connection SD卡、USB联机
Molding 成型工艺	FDM
Number of nozzles 喷头数量	1
Print size 成型尺寸	1000*1000*1200mm
Layer thickness 层厚	0.2-0.7mm
Printing speed 打印速度	30-100mm/s
Nozzle diameter 喷嘴直径	1.0 (0.6、0.8、1.0、1.2) mm
Nozzle temperature 喷嘴温度	≤270°C
Supporting materials 支持材料	PLA/ABS/carbon fiber/soft rubber/imitation metal PLA/ABS/碳纤维/软胶/仿金属材料等
Material diameter 材料直径	1.75mm
Support file format 支持文件格式	STL、OBJ、G-Code
Machine size 设备尺寸	1935*1294*1860mm
Machine weight 机器重量	600KG
Package size 包装尺寸	2035*1394*2050mm
Package weight 包装重量	648KG
Voltage 电压	Input: AC100-120V AC200-240V Output: 24v 输入: AC100-120V AC200-240V 输出: 24v
Operation system 操作系统	WIN、MAC、Linux
Power 功率	2500W
Display screen 显示屏幕	7inch 7英寸



















1 Machine | 整机



2 Toolbox | 工具箱

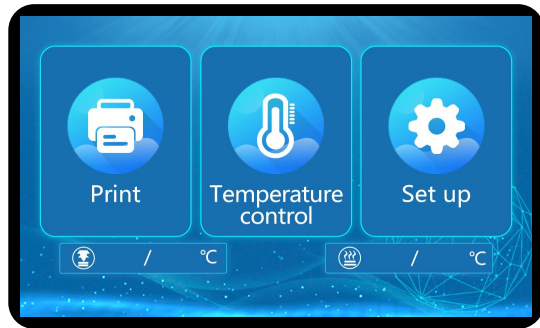
Toolbox Content 工具箱内容

- | | | | | | | | |
|---|------------------------------|---|--|---|-----------------------------------|---|---|
|  | 1 Utility knife
美工刀 |  | 5 Needle
通针 |  | 9 USB data cable
USB数据线 |  | 13 Glue stick
固体胶 |
|  | 2 Socket wrench 7#
套铜扳手7号 |  | 6 Shovel
铲刀 |  | 10 Teflon tube铁
氟龙管 |  | 14 Black tie
黑色扎带 |
|  | 3 Cutting pliers
剪刀 |  | 7 Power cable
电源线 |  | 11 SD card/card reader
SD卡及读卡器 |  | 15 Consumables
(3kg 1PCS, 1kg 2PCS)
耗材(3KG 1卷、1KG 2卷) |
|  | 4 Wrench kit
扳手机具包 |  | 8 Warranty card/
certificate
保修卡/合格证 |  | 12 Spare parts
备品 |  | 16 Lubricating oil
润滑脂 |

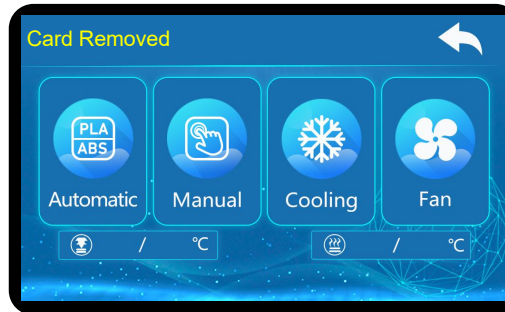


The equipment is delivered in a complete machine. After receiving the goods, professional and technical personnel will help you install and debug the equipment.

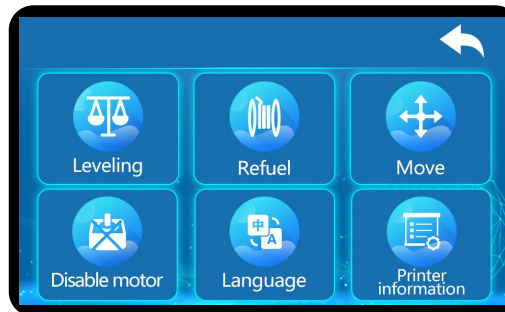
设备采用整机发货，收到货后，将由专业技术人员帮您进行设备的安装和调试。



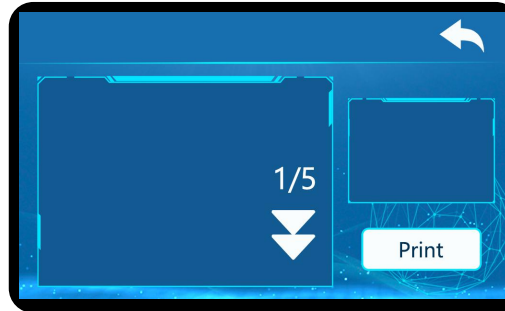
Boot Screen



Temperature Setting



Setup



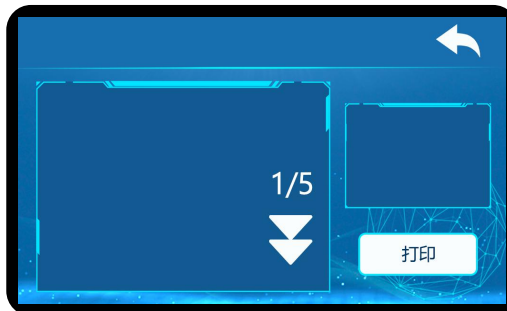
Printing (Model List)

Automatic: Automatically heat to preset temperature
 Manual: Set the target temperature manually
 Cooling: Cooling down
 Fan: Manual control machine can control the operation of the fan

Leveling : Auxiliary leveling mode
 Refuel: Feed filament manually
 Move: Homing and move XYZ
 Disable motor: Shut down the motor
 Language: Language select
 Printer info: Printer parameters



开机界面



打印界面 (模型选择)



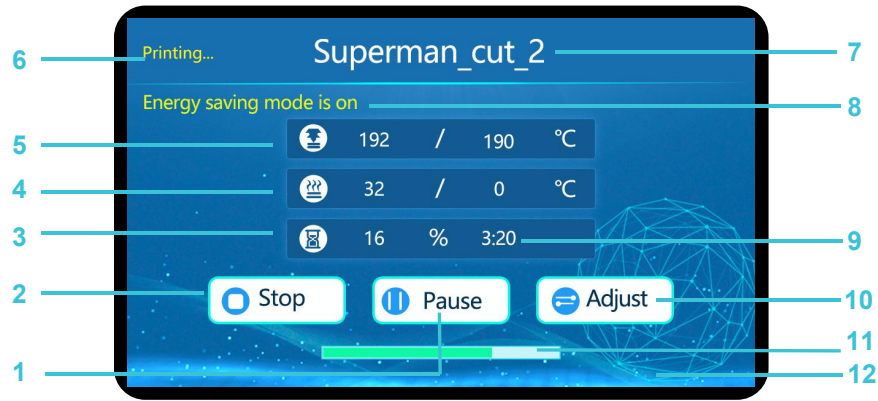
温度设置界面

自动设温：根据选择自动加热到预设温度
 手动设温：手动设置目标温度
 冷却：降温
 风扇：手动控制机器内可控制风扇的运转

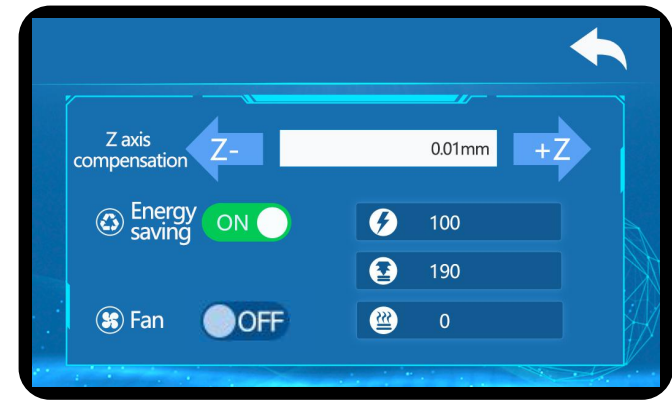


设置界面

调平模式：辅助调平模式
 换料：手动进退料
 移动轴：移动各轴及回零
 关闭步进电机：关闭步进电机控制
 语言：语言选择
 打印机信息：设备规格型号参数



Printing Interface (Printing)



Adjustment

Printing Interface (Printing)

- | | | |
|------------------------------------|-----------------------------------|------------------|
| 1. Pause
(Recoverable) | 5. Nozzle temp/
Preset temp | 9. Time |
| 2. Stop print
(Non-recoverable) | 6. Status | 10. Adjust |
| 3. Progress | 7. Model name
(Letter, Number) | 11. Progress bar |
| 4. Bed temp/
Preset temp | 8. Energy saving
mode | 12. Background |

Adjustment

- Z axis compensation: Z calibrate manually (professional)
- Energy saving: Automatically shut down hot bed after certain time printing
- Fan: ON/OFF fan (Turn off the fan when printing ABS or special materials)
- Print speed: Adjust print speed (100 is the slicer speed)
- Nozzle temp: Adjust nozzle temperature
- Hot-bed temp: Adjust hot bed temperature



打印界面 (打印中)



操作选项

打印界面 (打印中)

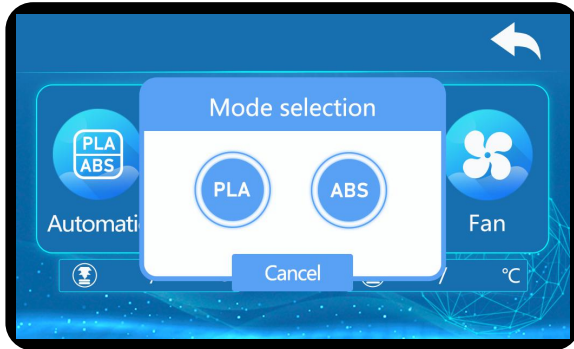
- | | | |
|-----------------------|----------------------|-----------|
| 1. 暂停本次打印
(可恢复打印) | 5. 喷头目前温度
/预设温度 | 9. 打印耗时 |
| 2. 停止本次打印
(不可恢复打印) | 6. 打印状态 | 10. 调整选项 |
| 3. 打印进度 | 7. 打印文件名称
(英文及数字) | 11. 打印进度条 |
| 4. 热床目前温度/
预设温度 | 8. 节能模式是否开启 | 12. 打印背景 |

操作选项

- Z轴补偿: Z轴手动补偿误差 (专业人员使用)
- 节能: 节能模式开启打印一段时间后会关闭热床
- 风扇: 可控风扇的开启与关闭 (打印ABS或特殊材料时须关闭)
- 打印速度: 打印速度的调整 (100为切片设置速度)
- 喷头温度: 喷头温度调整
- 热床温度: 热床温度调整



1 Preheat Nozzle



First touch Automatic, heating nozzle. PLA about 200°C, ABS about 240°C.



Material Cut-off Detector Switch

Cut the consumable port into an oblique angle with diagonal pliers, and manually send the consumable through the small pneumatic joint to the broken material detection switch. When the consumable passes through the extrusion gear, you can click feeding. When the consumables overflow from the nozzle, it means that the consumables loading is completed. It should be noted that because the machine has been tested before leaving the factory, there will be residual consumables in the nozzle, which may be inconsistent with the color of the consumables you want to use. At this time, you only need to extrude a small section of consumables to completely extrude the residual consumables in the nozzle, and then you can print the color you want.

2 Feeding



Click to change the material, and manually pass the material breaking test. After that, feed the extrusion gear and click feed.



Extrusion



Tips: How to change filament?
When change the filament you need to heating up the nozzle temperature to 200°C first. In "Refuel" option, touch "Retreat" then the filament will exit automatically, next you touch "Feed" to change a new filament.

① 预热喷头



先点击自动设温,将喷头预热。
PLA约200°C, ABS约240°C。



断料检测开关

将耗材端口用斜口钳剪成斜角,手动将耗材通过小气动接头,送入断料检测开关,当耗材穿过挤出齿轮后即可点击进料。等到耗材从喷头处溢出时,则表示耗材加载完成。需要注意的是,由于机器在出厂时都经过测试,故喷头内会有残余的耗材,可能与您想使用的耗材颜色不一致。这时,您只需再挤出一小段耗材即可将喷头内的残余耗材完全挤出,接下来就可以打印您想要的颜色。

② 送料



点击换料,将耗材手动通过断料检测后,送入挤出齿轮,再点击进料即可。



挤出装置

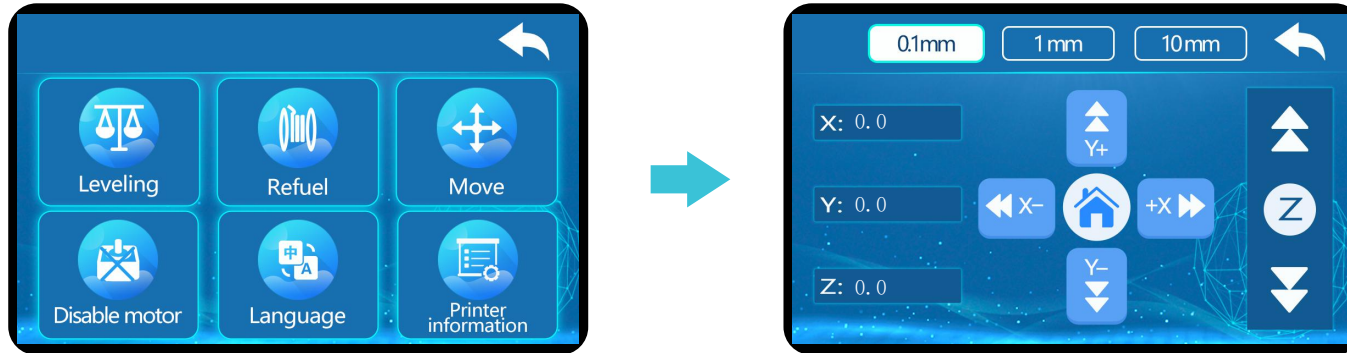


提示: 如何换料?

当您想要更换耗材时,也需要先将喷头温度升到200°C左右。在换料选项中点击退料,耗材会自动退出,再进行上料操作即可。

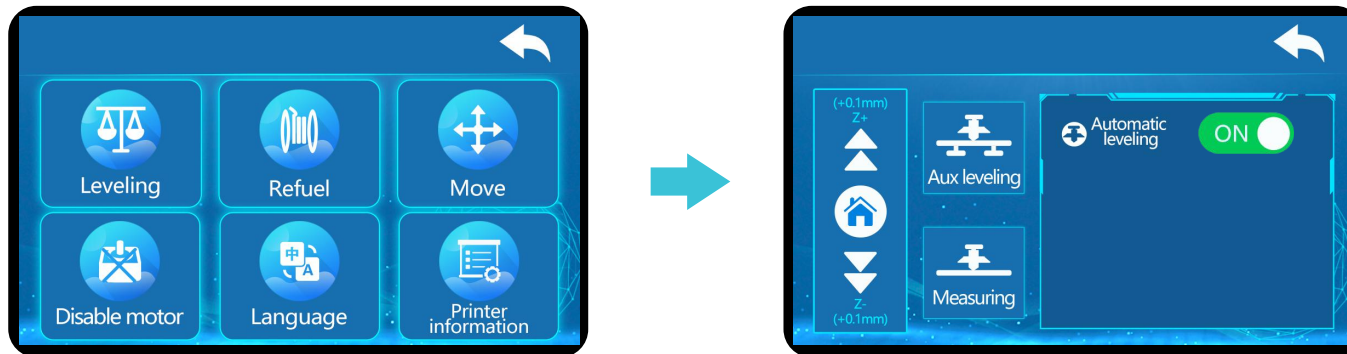
① Preheat Nozzle

Touch "Move" and "Home" make each axis return to zero then start the next step.



② Feeding

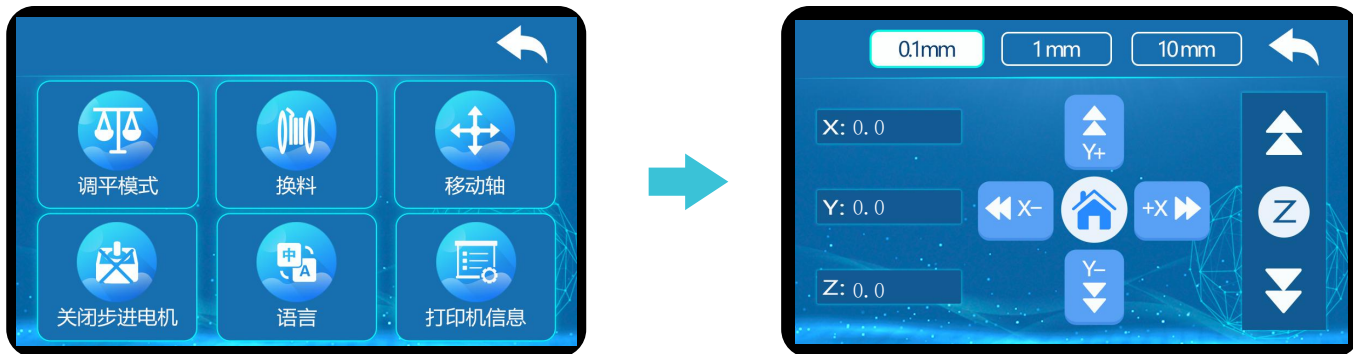
When the axes return to zero, click the leveling mode. When the axes stop moving, turn on the leveling switch, and then click automatic leveling until the measurement is completed.



You can find the more details about how to leveling in the memory card, please read it before leveling.

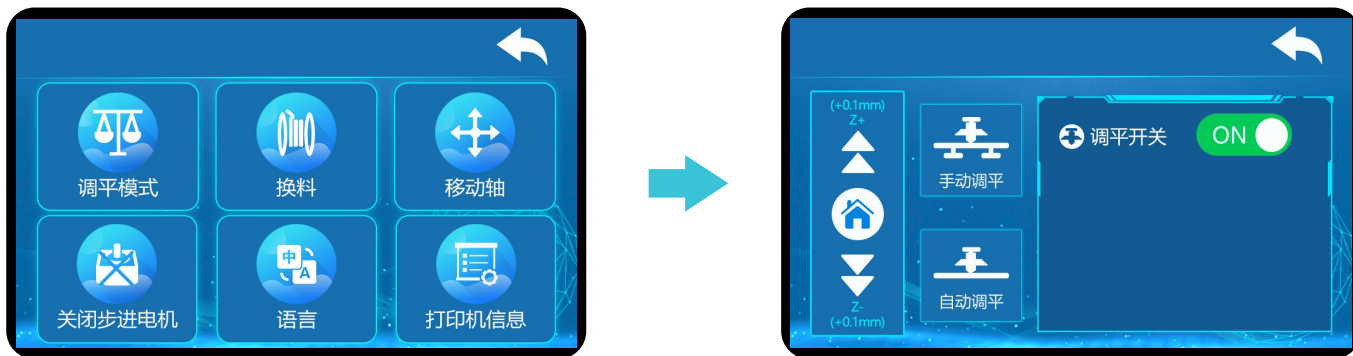
① 点击回零

点击移动轴后点击回零，等待打印机各轴回到原点后再进行下一步操作。



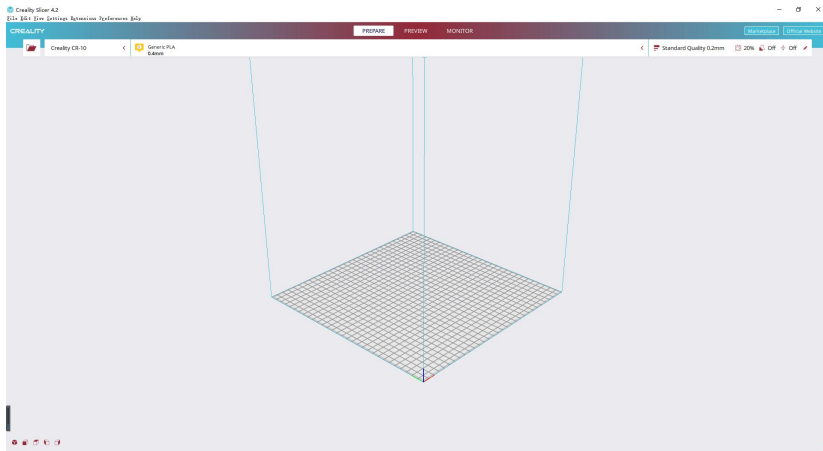
② 点击调平

当各轴回零后，点击调平模式，待各轴停止运动后，打开调平开关，然后点击自动调平，待测量完成即可。



详细调平教程可在存储卡中随机文件内找到，请阅读后再尝试调平。

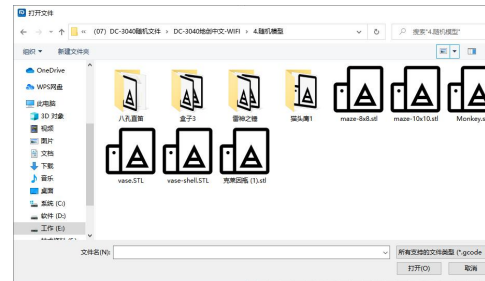
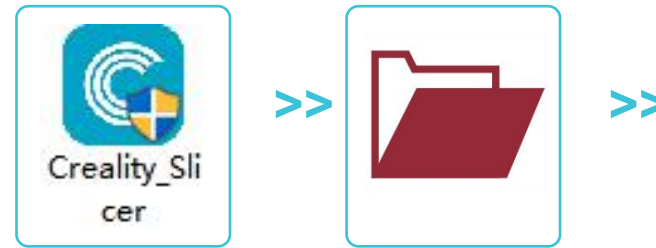
- ① Double click to install the software. |安装软件
Double click to open the software. |打开软件



⚠ Note:Only letters for installation directory
注意：安装目录需要用英文命名

② Slicing | 切片

Open slicer→Load (Open file) →Select the file→Save to file (Save to the memory card)
打开切片软件→打开 (读取模型文件) →选择文件→点击切片→保存到文件 (保存到存储卡)



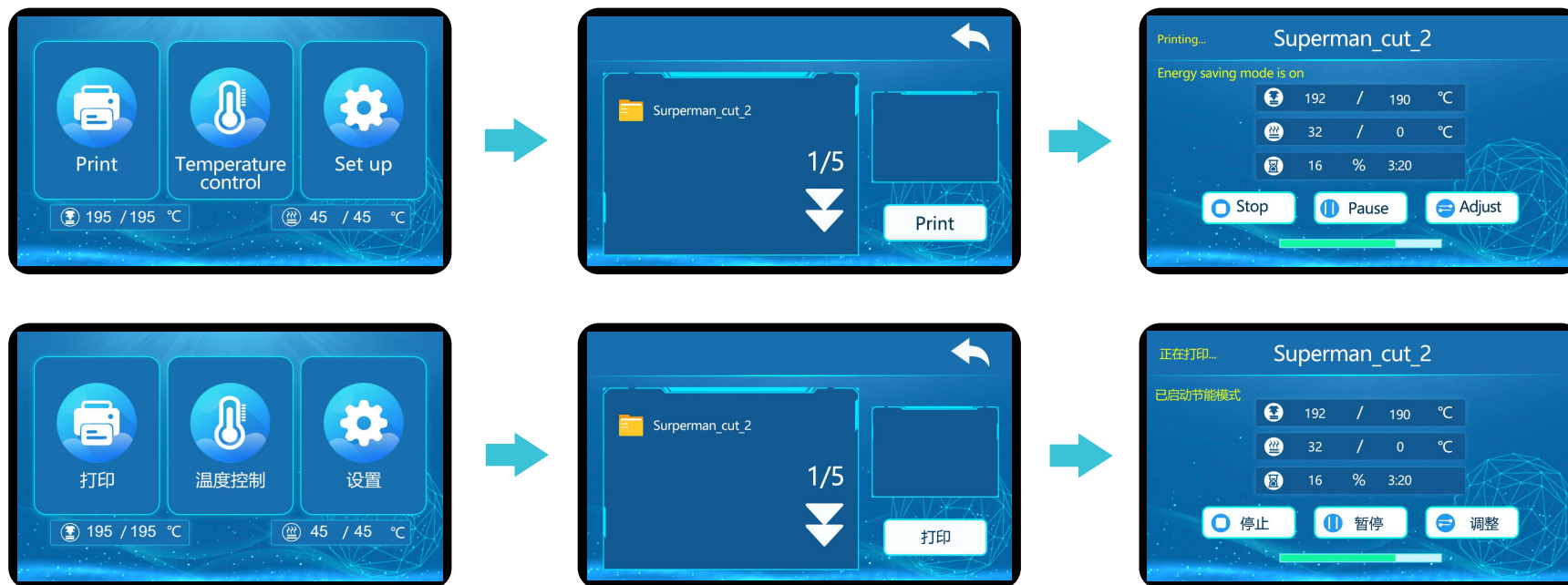
切片
预览
保存到文件

⚠ Note:File names must be Latin letters or numbers, not Chinese characters or other special symbols
注意：文件名需为拉丁字母或数字,不能为汉字或其他特殊符号

★ For details on the software instructions, please refer to the slicing software manual in the memory card!
软件使用说明详情,请见存储卡内切片软件使用手册!

③ Printing | 打印

Touch “print” select the file then start printing(The file name only supports letters and numbers).
 点击打印，选择您想要打印的文件，点击确定打印即可（文件名仅支持英文数字）。



Warning: ①Do not save more than 20 files in the memory card.
 ②Do not put any other files except Gcode. Otherwise, it may cause unstable operation of the machine or printing failure.
 ③Please don't insert or remove storage card during printing.

警告：①存储卡内打印文件不要超过20个。
 ②不要放入除Gcode文件外的其他文件，否则可能导致机器运行不稳定或打印失败。
 ③在打印过程中，禁止插拔存储卡。

Return / Exchange Policy ←

- Meet return / exchange time :
 1. The e-commerce platform supports the return of goods without reason within 7 days, that is, the product signing time is 7 days after 168 hours.
 2. Due to the quality problem of the machine and non-human damage, you can apply for return and replacement within 15 days after signing.
 3. If the goods are purchased through another contract and the time of return and exchange is signed, the contract shall prevail, and the freight standard shall be subject to the after-sales service card.
- No damage, scratch, stain, crack, deformation, etc; Random accessories, tools, gifts, packaging, etc. are required to be complete and intact. According to our after-sales inspection, if the appearance of the product received by return / exchange is damaged, the parts are incomplete or the problem is caused by not packing and mailing according to the original packaging, the customer shall bear the corresponding expenses, and the specific loss and expenses shall be sent back to the professional after-sales personnel for inspection and accounting.
- If the consumables are used, the customer shall bear the cost of the consumables; Because the packing box or packing frame can not be used again after returning to the factory, the customer should bear the packing fee; The specific loss and cost should be sent back and checked by professional after-sales personnel.
- If the goods are returned or exchanged due to dislike, want, wrong auction, improper use and dissatisfaction with the product, the customer shall bear the return freight.
- When exchanging goods, the customer needs to send the machine back first, and the company will arrange the delivery in time after receiving the machine.

Return / Exchange Freight Standard ←

Type	Classification	Return freight	Outbound freight
Exchange goods	Non quality problems	Customer commitment	Company commitment
	Quality problems	Company commitment	Company commitment
Return goods	Non quality problems	Customer commitment	/
	Quality problems	Company commitment	/

What Is Not Covered? ←

CREALITY does not guarantee the service as a result of:

1. The proof of purchase being altered or made illegible.
2. The product label or serial number on the product being altered or made illegible.
3. Normal wear of accessories or consumables for use as release film.
4. Malfunction or damage caused by personal retrofitting or improper installation and usage.
5. Malfunction or damage caused by use in non-recommended working environments.
6. Malfunction or damage caused by overuse (overload) or wrong maintenance (damp, mildew, etc.)
7. Malfunction or damage caused by Force Majeure (fire hazard, earthquake, lightning and floods, etc.)
8. Malfunction or damage caused by the use of other brand parts or consumable.

Warranty policy ←

- Warranty period:

1. The whole machine is guaranteed for one year.
2. UV lamp warranty for six months, 2K screen warranty for three months.
3. Release film, gifts (U disk, screwdriver, gloves, paint brush, paper hopper, scraper, etc.) have no shelf life. After receiving the product, please check the parts list in the instruction manual. If there is a shortage or quality problem in the gift, you can contact the after-sales department to apply for replacement or replacement within 7 days.

- Warranty within warranty period:

After the company's after-sales inspection, the company provides free maintenance service; If it is a non quality problem caused by human, the customer should bear the cost of the corresponding reafter the company's after-sales inspection, the company provides free maintenance service; If it is a non quality problem caused by human, the customer should bear the cost of the corresponding replacement parts, no maintenance costs.

- Maintenance beyond the warranty period:

The customer is responsible for all the labor costs, parts costs, packaging costs, round-trip freight and other costs incurred in the maintenance process.

Return To Factory Maintenance Freight Standard ←

Type	Return time	Return freight	Outbound freight
Non quality problems	Within three months	Customer commitment	Company commitment
	More than three months	Customer commitment	Customer commitment
Quality problems	Within one month	Company commitment	Company commitment
	One to three months	Customer commitment	Company commitment
	More than three months	Customer commitment	Customer commitment

Technical Support ←

Please enjoy our technical support of the whole lifetime (Except technical problem beyond product itself) after purchase the product while product documents as user manual attached in U disk for instruction.

Please provide product Serial Number when apply for technical support.

Kindly Notification ←

Please read the user manual and warranty card carefully before the use. For any service, Please priorly contact local seller or contact us via [Email cs@creality.com](mailto:cs@creality.com) for support.

退/换货政策 ←

一、满足退/换货时间

- ①电商平台购买支持7天无理由退货，即产品签收时间起算，满168小时为7天。
- ②因机器品质问题，非人为损坏的情况，签收后15天内可申请退换货。
- ③如另通过合同购买且有签订退换货时间的以合同为准，运费标准以售后服务卡为准。

二、产品外观要求无损伤、划痕、污迹、裂纹、变形等；随机配件、工具、赠品、包装等要求齐全完好。经我司售后检测判定，如退/换货收到的产品外观损坏，配件不全或因未按照原包装打包邮寄导致的问题，客户需承担相应的费用，具体损耗及费用需寄回后经专业售后人员进行检测核算。

三、非质量问题退/换货，如使用了耗材，客户需承担耗材的费用；由于包装纸盒或打包木架返厂后是无法二次使用的，因此客户需承担包装费；具体损耗及费用需寄回后经专业售后人员进行检测核算。

四、因不喜欢、不想要、拍错、使用不当、不满意产品等原因造成的退换货，退回运费需客户自行承担。

五、换货时，客户需先将机器寄回，公司收到机器后会及时安排发货。

退/换货运费标准 ←

类型	分类	寄回运费	出库运费
换货	非品质问题	客户承担	公司承担
	品质问题	公司承担	公司承担
退货	非品质问题	客户承担	/
	品质问题	公司承担	/

保修政策 ←

一、质保期

- ①整机保修一年。
- ②UV灯保修六个月，2K屏保修三个月。
- ③离型膜、赠品（U盘、螺丝刀、手套、油漆刷、纸漏斗、铲刀等）无保质期。收到产品后，请核对说明书部件清单，如赠品有缺少或品质问题，7天内可联系售后申请补发或更换。

二、质保期内保修：经我司售后检测判定为品质问题，公司提供免费维修服务；如果是人为导致的非品质问题，客户需承担相应更换的配件费用，无需承担维修费。

三、质保期外维修：由客户承担维修过程中产生的人工费、配件费、包装费、来回运费等所有费用。

返厂维修运费标准 ←

类型	返厂时间	返厂运费	出库运费
非品质问题	三个月以内	客户承担	公司承担
	三个月以上	客户承担	客户承担
品质问题	一个月以内	公司承担	公司承担
	一至三个月	客户承担	公司承担
	三个月以上	客户承担	客户承担

下列情况不列入质保范围 ←

- ①无法提供有效的机器制造编码、购买凭证和保修卡，或信息被涂改、字迹模糊、无法辨认等。
- ②正常的使用磨损而造成的部件损坏。
- ③未按说明书指导，不正确安装、使用及操作，或私自对机器进行改装而造成机器故障或损坏。
- ④在非机器规定的工作环境下使用而造成机器故障或损坏。
- ⑤由于滥用（超出工作负荷等）或维护不当（受潮、进液、浸泡、发霉等）造成机器故障或损坏。
- ⑥由于不可抗因素（如：火灾、地震、雷击、水灾等）造成机器故障或损坏。
- ⑦由于使用其他品牌部件或低质量耗材造成的设备故障或损坏。
- ⑧未经官方授权的服务点维修过的机器。

技术支持 ←

凡购买创想三维3D打印机，均可享受（除产品本身之外）终生技术支持，如超越产品本身的技术问题暂不提供。本产品¹在SD卡中有相关使用资料，如在使用过程中遇到技术问题，请联系售后客服帮您解决。

温馨提示 ←

- ①使用机器前请仔细阅读说明书和售后服务卡。
- ②质保期内维修过的机器后仍享有剩余质保服务。
- ③退换货及返厂维修需按原包装寄回机器，以免快递过程中产生其他问题，建议妥善保存好产品原包装。
- ④申请质保服务时，需提供产品制造编码、购买凭证、订单号、保修卡、发票等信息。如未提供，公司有权拒绝提供质保服务。
- ⑤服务时间：周一至周六 8:30~20:45（法定节假日除外） 热线：400-6133-882 邮箱：cs@creality.com



WARRANTY

Before returning the product and filling in a warranty, please contact after-sale person for going through after- sale formality. And attach this warranty card along with the returned machine.

Repair

Change

Return

Malfunction And Damage Depiction Or Return And Change Reasons/ Suggestions:

Name: _____ Telephone: _____

Address: _____

Serial Number: _____ Order Number: _____

Channel: Platform Offline

Date of purchase Day _____ Mon. _____ Year _____

Repair Records:



Note: Client need filling in basic infor. and return reasons. Repair records shall retain for technicians.

产品保修卡



产品寄回前请先联系售后专员，为正常进行售后处理，请务必填写此卡，并随机器寄回。

返修

换货

退货

故障描述或退、换货原因和建议：

客户名称：_____ 联系电话：_____

收件地址：_____

机器制造编码：_____ 订单编号：_____

维修情况记录：

购买渠道：电商平台 线下

购买日期：_____年 _____月 _____日



温馨提示：基本信息及返厂原因为客户必填项，维修情况记录部分为维修人员填写项。



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