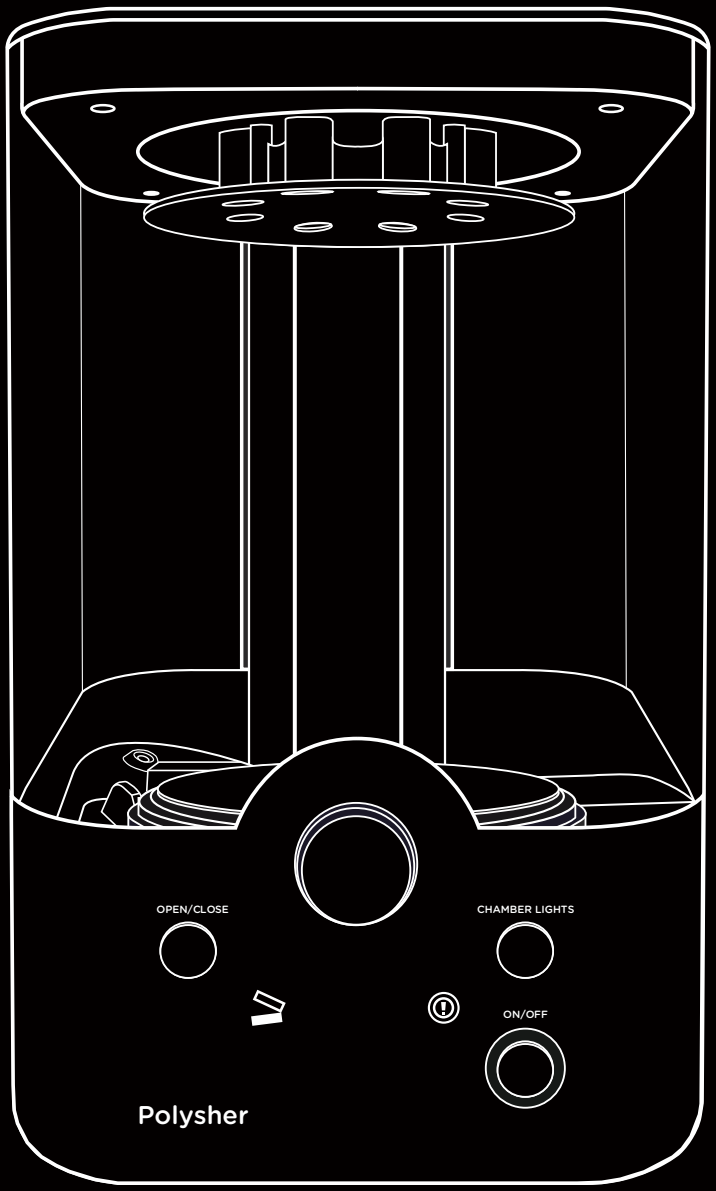
Polysher™

Operation Manual



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INTRODUCTION

Thank you for purchasing the Polysher™ from Polymaker! With the Polysher™ and PolySmooth™ (purchased separately) you are ready to transcend the quality of your 3D prints!

PolySmooth™ is an entirely new 3D printing filament. It is extremely easy to print with (just like PLA), and works on just about any filament-based 3D printer. The support structure comes off very easily as well, making it ideal for complex geometries.

The real magic occurs when you put your PolySmooth™ prints into the Polysher™. With Polymaker's unique Micro-Droplet Polishing technology, the layer lines will magically disappear, leaving you with a truly finished object with shiny, smooth surfaces.

IMPORTANT SAFETY INSTRUCTIONS

The Polysher™ requires the use of isopropyl alcohol. Please read this section carefully before operating your Polysher™ for the first time.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.



- Isopropyl alcohol is flammable. Do not use this apparatus in the presence of or near open flames or sparks. Keep away from heat and sources of ignition.
- Use only isopropyl alcohol[1] (also known as IPA) with the Polysher™. Use of any other solvent or liquid can result in irreversible damage to your Polysher™ and increased risk of fire or explosion. Make sure the IPA you are using is not mixed with another solvents, always double check the alcohol notice.
- Use the Polysher™ in a well-ventilated area. Avoid inhalation of alcohol vapor or mist.
- Place the Polysher™ on a level surface. Operating the device on an unlevel surface may result in spills of alcohol.
- Avoid prolonged skin contact with isopropyl alcohol. In case of eye contact, follow the instructions provided by supplier of the alcohol.
- Do not ingest isopropyl alcohol. If ingested, seek medical advice immediately and show the container or the label.
- Do not block any ventilation openings.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.
- For Use Only with the supplied Power Supply or equivalent power supply acceptable to the manufacturer.
- If you have any question regarding the safety of the Polysher™, please contact:

inquiry@polymaker.com

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[1] Isopropyl alcohol with concentrations of no less than 70% can be used. Concentrations of 90% or higher are recommended for better polishing quality.
The distribution and use of isopropyl alcohol may be restricted in certain countries. Please check your local law and act accordingly.

SPECIFICATIONS

Technology	Micro-Droplet Polishing
Compatible Material	PolySmooth™
Polishing Liquid	Isopropyl Alcohol, 70% or above [90% or higher recommended]
Polishing Time	20 – 40 min typical [varies based on part size, alcohol concentration and ambient temp.]
Product Dimensions	230 x 300 x 360 mm [9.1 x 11.8 x 14.2 in]
Shipping Box Dimensions	350 x 400 x 460 mm [13.8 x 15.7 x 18.1 in]
Product Weight	4 kg [8.81 lbs]
Shipping Weight	6.8 kg [15 lbs]
Maximum Part Size	Up to a 150 mm (diameter) x 180 mm (height) cylinder [5.9 in (diameter) x 7.1 in (height)]
Operating Temperature	15 – 32 °C [59 – 90 °F]
Storage Temperature	0 – 38 °C [32 – 100 °F]
Power Requirements	Power Supply: INPUT: AC 100-240V, 50/60Hz, 0.4A OUTPUT: 5V 2000 mA ShenZhen Rongweixin Technology Co.Ltd Polysher™ INPUT: 5V ⎓ 2000mA

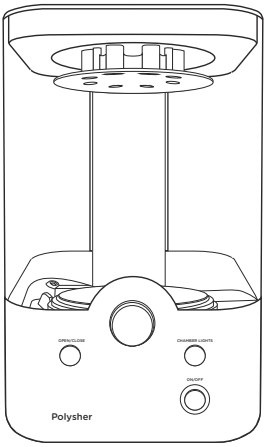
INFORMATION ON DISPOSAL FOR USERS OF WASTE ELECTRICAL & ELECTRONIC EQUIPMENT

- This symbol on the product and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste. For proper treatment, recovery and recycling, please take this product to a designated collection point where it will be accepted free of charge.
- Alternatively, in some countries you may be able to return your products to your local retailer upon purchase of an equivalent new product.
- Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling.
- Please contact your local authority for further details of your nearest designated collection point.
- Penalties may be applicable for incorrect disposal of this waste, in accordance with your national legislation.

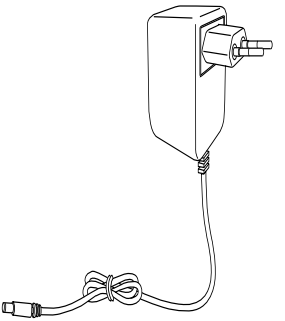


PACKAGE CONTENTS

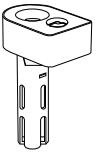
Your Polysher™ package should contain the following:



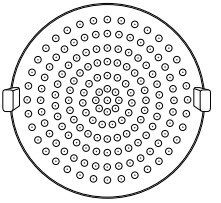
Polysher™ x1



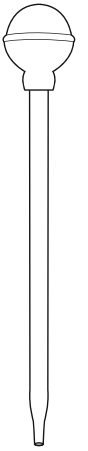
Power Supply x1

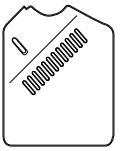


Nebulizers x2

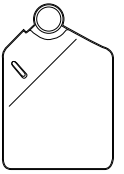


Platforms x2





"Grate" style reservoir cover x1



Solid reservoir cover x1

Suction pipette x1

ESSENTIAL PARTS OF THE POLYSHER™

1. **ON/OFF:** Press the button to power on the Polysher™. Long press to turn off the Polysher™.
2. **OPEN/CLOSE:** Push the button once to raise the platform of the Polysher™. Press again to lower the platform. Press again during the movement to stop the action.
3. **Control Dial:** Twist the dial clockwise to start a polishing cycle. Dial clicks in 5 minute increments displayed by the lights above. Twist left to decrease the time or all the way to stop the polishing cycle. Press dial in during a polishing cycle then twist left or right to change the nebulizer light color.
4. **Chamber Casing:** Provides an air tight enclosure around the Polysher™ while giving visibility to your part.
5. **Nebulizer:** The nebulizer cartridge is where liquid alcohol from the reservoir is turned into a fine aerosol that polishes your printed part. Inside the cartridge is a micromachined metal disc that vibrates hundreds of thousands of times per second. A sponge wick conducts the liquid solvent to the disc. The nebulizer unit can be removed by gently pulling up. To insert a replacement nebulizer, align the pins and gently press down.
6. **Reservoir:** Collects and stores alcohol feeding the wicking sponge and nebulizer.
7. **Reservoir Cover:** Your Polysher™ comes with two reservoir covers. One for use during operation with slots (“grate” style) to allow alcohol to flow through. The other is for use during storage to minimize alcohol evaporation.
8. **Turn Table/Platform:** Holds your PolySmooth™ part during polishing. Turn Table rises up with platform to give access to polished parts. To remove the platform, use the handles on either side.
9. **Chamber Lights:** Press once to turn on the chamber lighting. Press again to turn off the chamber lighting. Chamber lights take 1-2 seconds to fully dim, press the button during this time to set current illumination.
10. **Nebulizer Warning Light:** Indicates a malfunction with the nebulizer, this could mean: a bad connection between the nebulizer and port, or a broken nebulizer that needs replacing. A polishing cycle cannot be started while this light is on. See the Troubleshooting section of this User Manual for instructions on how to correct these conditions.
11. **Chamber Seal Warning Light:** Indicates an air leak in the chamber. Readjust the chamber casing to ensure that it sits properly on the Polysher™. A polishing cycle cannot be started while this light is on.
12. **DC Power In**: The port for the DC power cable is located on the back of the Polysher™.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OPEN/CLOSE
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CHAMBER LIGHTS
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ON/OFF
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Polysher
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11
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SETTING UP YOUR POLYSHER™

1 **Attach the Power Cable**
Ensure to place the Polysher™ on a stable and flat surface. The power supply unit comes with several different plugs. Please choose the one suited to your country/region. Attach the power cable to the power port, which is on the lower back of the Polysher™.



2 **Power On the Polysher™**
Connect the power supply to mains power. Press the On/Off button on the front panel of the Polysher™. A greeting tone should sound, the timer display should flash briefly, and the blue ring around the On/Off button should illuminate.



3 **Open the Polysher™**
Press the Open/Close button. The lift mechanism should rise to its fully-open position and stop.



4 **Open the Transparent Casing**
Lift up the transparent casing and hook it on the fan brim as shown on the picture.



5 **Install the Nebulizer**
Install a Nebulizer by firmly pressing it down into the socket. Make sure the connection is satisfactory.



6 **Fill the Reservoir**
Fill the reservoir with alcohol to the top edge. Isopropyl alcohol with concentrations of 70% or above can be used; concentrations of 90% or more are recommended[3].



7 **Install the Reservoir Cover**
Place the “grate” cover over the reservoir.



8 **Install the Platform**
Place the platform on the raised platform tray when the Polysher™ is fully open. You can then push the open/close button to lower the platform into the Polysher™.



OPERATING YOUR POLYSHER™

1 **Place a PolySmooth™ print on the platform**
To ensure even polishing, place the part in the center of the platform.



2 **Press the OPEN/CLOSE button**
The lift mechanism will lower the part into the chamber and seal the top of the chamber. The Chamber Seal warning light should turn off when the lift mechanism reaches its lower closed position. If it doesn't, check to see that the casing is properly seated.



3 **Run the polishing cycle**
Rotate the control knob clockwise to the desired polishing time. A stream of solvent mist will come from the nebulizer and the part will begin rotating on the platform. In a few minutes the mist should fill the entire chamber. You can adjust the polishing time any time during the polishing cycle (remember that each illuminated segment represents 5 minutes).The optimal time depends on the concentration of alcohol used, ambient temperature, the size of your part, the condition of your nebulizer, etc. Generally speaking 20-40 minutes is a good starting range.



You can turn the chamber lighting on and off by pressing the Chamber Light button. The color of the mist lighting can also be adjusted by pressing the control knob and then rotating it until you see the desired color.



You can let the Polysher™ run automatically until the timer expires, or you can stop polishing at any time by rotating the control knob counterclockwise until no time indicators are shown. In either case, tones will sound to let you know the smoothing cycle has finished. The Polysher™ will then begin its "clearing cycle" during which the chamber fan is run at high speed to clear the mist from the chamber.

4 **Open the chamber**
Once the clearing cycle has completed, you can press the Open/Close button to raise the platform and your smoothed part.



5 **Dry the part**
You can now remove the platform from the Polysher™. Do not touch the part yet as the surface may be sticky and you may leave finger marks on the part. The part should be left to dry for about an hour before gentle handling. You can use the other platform to polish another part, if needed. The part will slowly harden after a couple of weeks, to speed up the process you can use a fan.



6 **Install the Reservoir Cover**
If you do not plan to use your Polysher™ again in the near future, we recommend exchanging the grate cover with the solid cover to inhibit solvent evaporation, avoid vapor buildup in the chamber, and prevent the nebulizer sponge from drying out.



PolySmooth™

1 Basic Specification

Color	7 different colors
Average Filament Diameter	1.75mm or 2.85mm (< ± 0.05 mm, ~ ± 0.02 mm typical)
Recommended Printing Temp	190 – 220 C (for both 1.75 and 2.85 mm)
Recommended Printing Speed	40 – 90 mm/s
Recommended HBP (if equipped) Temp	Up to 70 °C

2 Instructions

- PolySmooth™ can be printed under similar conditions as regular PLA.
- Prints made with PolySmooth™ can be post-processed using the Polysher™ (purchased separately) and alcohol to dramatically increase the smoothness of the surface.
- PolySmooth™ works well with commonly available build surfaces. To improve first layer adhesion, coat the build surface with a thin layer of PVA glue (using a glue stick), or heat the HBP (if equipped) up to 70 °C.
- PolySmooth™ is sensitive to moisture. It is recommended that the filament, when not being used, always be stored in the provided resealable bag with the desiccant pack to minimize moisture absorption and to ensure the best printing performance.
- For more details or technical questions regarding the use of our products, please visit www.polymaker.com or email us at ts@polymaker.com.

3 Key Features

- Polyshable:
  The first 3D printable filament engineered for layer free post-processing. We have specifically developed PolySmooth™ to work alongside the Polysher™ providing the solution to dramatically improve the surface quality of 3D printed objects.

- Easy to Print:
  PolySmooth™ is compatible with all filament-based 3D printers and prints under similar conditions as PLA. Featuring a wide printing temperature range, low odor and no heated bed required, PolySmooth™ is the perfect companion to your desktop 3D printer.

- Balanced Mechanical Properties:
  PolySmooth™ features well balanced mechanical properties, outperforming ABS and PLA on most attributes.

- Optimized for Support:
  We have taken our experience from PolySupport™ and engineered PolySmooth™ with the same support removal properties. Easily break away support from PolySmooth™'s surface and once your model is polished there is no scar left on the surface.

- Warping Free:
  PolySmooth™ exhibits very minimal residual stress when printing which means almost no warping, making it ideal for printing large parts.

MAINTENANCE & TROUBLESHOOTING

1. **What shall I do if the Nebulizer Warning Light is on?**

Check the nebulizer unit to see if it is installed properly. Make sure the nebulizer is fully seated in its socket.

2. **What shall I do if the mist volume is abnormally low?**

In a typical polishing cycle, the alcohol mist should fill the entire chamber within several minutes. If, however, the mist volume is observed to be low, or not reaching the full height, check the reservoir to see if it is running low or empty, and refill it if necessary. Low mist volume can also be a sign to replace the nebulizer.

3. **Draining the reservoir**

A 30 mL pipette is provided for removing alcohol from the reservoir. Avoid any heat source, open flames or sparks when draining the reservoir. The alcohol, unless contaminated, can be repeatedly used for polishing.

4. **Removing the casing**

The Polysher™ can be operated without the need to remove the casing. However, if it is needed to fully remove the casing, follow the instructions below:

- Raise the platform to the upmost position;
- Lift the casing all the way up, gently flex the thin section outward and pull it off the machine;
- To put the casing back on, flex the thin section the same way and slide it through the moving post. Make sure it seats exactly on the rubber seal of the base.





CONTACT INFORMATION

Visit polymaker.com and follow us on our social media channels for product updates, videos, tutorials and more!

facebook.com/Polymaker.3D

twitter.com/Polymaker_3D

youtube.com/Polymaker

instagram.com/Polymaker_3D

pinterest.com/Polymaker

thingiverse.com/Polymaker_3D

facebook.com/groups/Polymaker

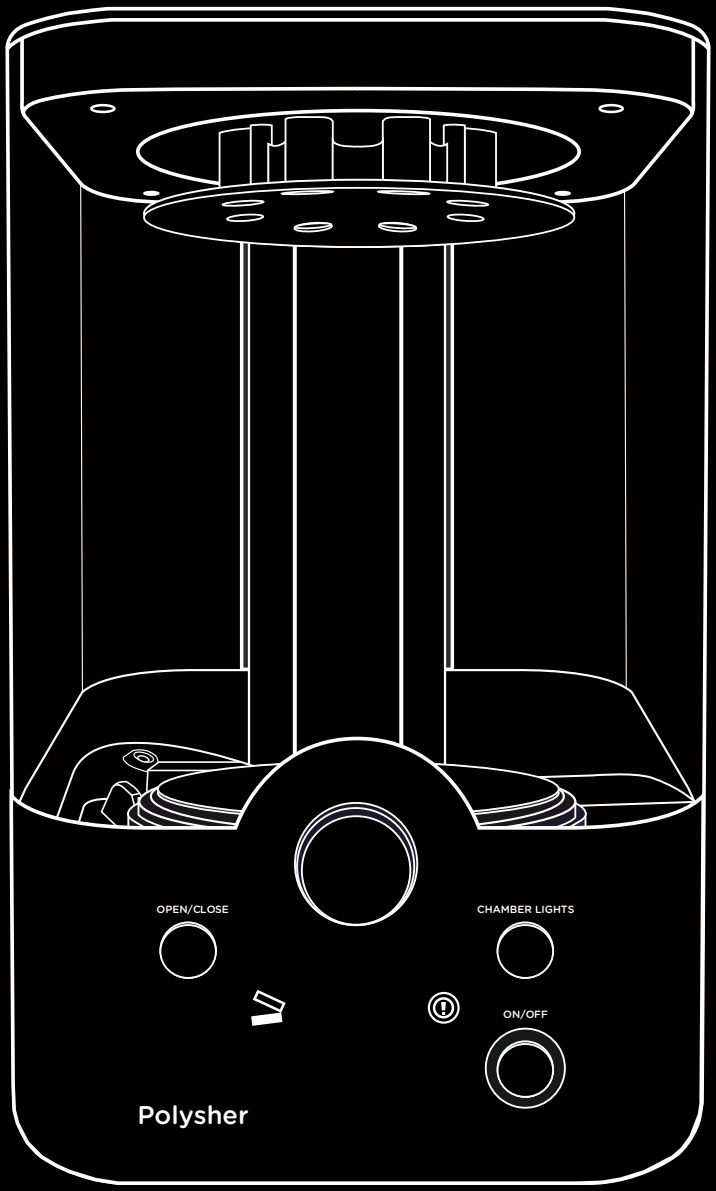
For questions or further information, please contact us at:

647 SongTao Road
Building 1
ZhangJiang High technology parc
Pudong District
Shanghai 200120
China

E-mail: **inquiry@polymaker.com**

Polysher™

3D打印件抛光机
使用说明



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说明书

感谢您购买Polymaker 的Polysher™抛光机！同时使用Polysher™和PolySmooth™（需另外购买）能将您的3D打印件表面质量提升到前所未有的高度。

PolySmooth™是一款全新的3D打印线材。它和PLA一样，非常容易打印，可以用在任何线材挤出式3D打印机上。

PolySmooth™打印件表面质量的变化是在Polysher™抛光机里面实现的。Polymaker独有的微滴抛光技术能够消除打印件上的层纹，让表面光滑闪亮。

重要安全提示

请使用异丙醇在Polysher™抛光机里进行抛光。首次使用前，请仔细阅读 以下内容。

- 请详细阅读操作说明
- 请保留操作说明以便于查阅
- 请注意警告信息
- 请遵照说明进行操作



- 异丙醇是易燃液体。请勿将设备靠近明火、火星、热源及火源。
- 仅能使用异丙醇在Polysher™里进行抛光。使用其他任何溶剂或液体会引起该设备不可逆的损坏，同时会增加着火或爆炸的风险。 确保你使用的IPA不与其他溶剂混合，检查IPA注意事项 。
- 请在通风良好的地方使用此设备。防止吸入醇雾。
- 请将抛光机放置于水平平面上。在非水平平面操作抛光机可能导致醇液泼洒或泄出。
- 避免长时间皮肤直接接触异丙醇。如果不慎进入眼睛，请先确保摘除隐形眼镜后用清水冲洗至少15分钟，并及时就医。
- 请勿吞食异丙醇。如果不慎吞食，请立即就医并告知误食异丙醇。
- 请勿遮挡抛光机上任何用于通风的设计。
- 请勿在操作中使用除设备制造商提供的配件/附件意外的部件。
- 请在经认证的售后部门咨询或寻求维修服务。
- 请勿使用非设备原装配套或经设备商认证的电源适配器。
- 任何关于产品使用安全的问题，请发邮件到inquiry@polymaker.com。

我们将及时为您解答。

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[1] 异丙醇在某些国家可能为管制商品。请遵循当地法律规定进行购买。。

[2]建议使用浓度70%以上的异丙醇。想达到更好效果，请使用浓度不小于90%的异丙醇。

产品规格

专利技术	微滴抛光
可抛光材料	PolySmooth™
抛光溶剂	不低于70%的异丙醇。推荐90%或以上浓度已保证较好抛光效果
抛光时长	建议20-40分钟（或根据模型尺寸、溶液浓度不同进行调整）
机器尺寸	230 x 300 x 360 毫米 （长x宽x高）
外包装箱尺寸	350 x 400 x 460毫米 （长x宽x高）
机器重量	4 kg
运输重量	6.8 kg
最大抛光打印件尺寸	150 mm (直径) x 180 mm (高)
机器运行环境温度	15 – 32 ° C
机器存放环境温度	0 – 38 ° C
工作电源	电源适配器参数: 输入AC 100-240V, 50/60Hz, 0.4A 输出: 5V 2000 mA 深圳市荣为信科技有限公司 Polysher™电源要求 输入: 5V ⎓2000mA

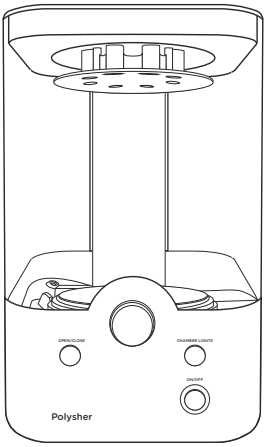
废弃电子产品处理方式

- 左图标志见于设备机身或说明书，表明该设备不能与生活垃圾一起处理。请咨询当地垃圾分类站处理此类设备垃圾的方法。
- 某些国家或区域也可以将旧机器运至经销商做以旧换新处理。
- 合理处理此类设备垃圾将会减少其对健康及环境带来潜在威胁的风险，反之则会增加风险
- 请联系当地相关部门咨询垃圾分类细则。
- 违反当地垃圾分类条款及相关立法，将有可能被追究相应责任并承担处罚。

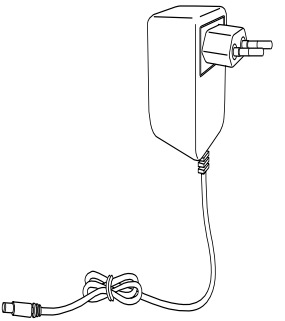


包装清单

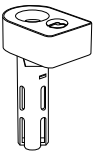
完整的Polysher™包装里应包括



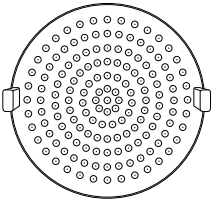
Polysher™ x1



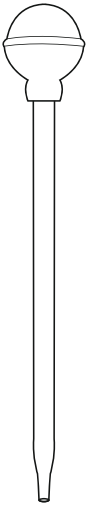
电源适配器 x1



雾化头 x2



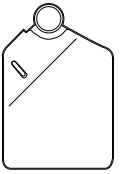
抛光托盘 x2



胶头吸管 x1



带栅格的醇槽盖 x1



全封闭的醇槽盖 x1

主要部件说明

1. 抛光机电源开关按钮。接通电源后，轻按此键开启抛光机。长按后松开则关闭抛光机。

2. 抬升或下降抛光台。按下按钮，抛光台将升起。全部升起后按下此键将下降抛光台在升降过程中按下此键，将停止升降。

3. 主控旋钮
顺时旋转旋钮将开始抛光。每一个LED指示灯代表5分钟抛光时间，顺时针或逆时针旋转旋钮，以增加或减少抛光时间。抛光时，按下旋钮，可通过旋转旋钮来设置不同颜色的雾化头灯光效果。

4. 外壳
透明外壳便于观察抛光过程并提供气密性，防止醇雾泄露。

5. 雾化头
雾化头用来将醇液转化为醇雾并喷射于抛光机中。雾化头里面放置的海绵从醇槽里吸取醇液并传导到雾化头顶端的雾化片。雾化片通过每秒上千次的震动将醇液雾化并喷射出来。雾化头可以更换。轻拔雾化头可以将其拆除。安装雾化头时，请将雾化头底部的四个引脚对准抛光机底部左上角的四个插孔，轻按稳固即可。

6. 醇槽
储存并回收用于抛光的醇液。

7. 醇槽盖
包装中有两种醇槽盖。一种是带栅格的醇槽盖，便于醇液回流，在抛光过程中使用。另一种是全封闭的醇槽盖。短期内不使用抛光机并且又不需回收醇液时使用，以最大程度减少醇液的挥发。

8. 抛光台和抛光托盘
抛光托盘置于抛光台上，用于放置PolySmooth™的抛光件。抛光台可升降以便放置抛光件。抛光托盘两边有把手设计，方便取用。

9. 抛光机顶灯开关按下开关，打开或关闭抛光机顶灯。顶灯经过 1-2秒全亮或熄灭，在这个过程中，按下按钮，可以选择顶灯当下的亮度。

10. 雾化头警告灯
当雾化头警告灯亮起时，无法进行抛光操作。有可能出现以下几种情况：有可能出现以下几种情况:雾化头接触不良或者雾化头失灵

11. 密封不良警告灯
当密封不良警告灯亮起时，无法进行抛光操作。有可能出现醇雾泄露风险。请检查外壳是否盖好。

12. 直流电源插孔
Polysher™抛光机的直流电源插孔位于机体后侧下方。


7
6
5
4
8
3
OPEN/CLOSE
2
CHAMBER LIGHTS
9
ON/OFF
1
Polysher
12
11
10

设置抛光机

1 接通电源
请选择符合当地插座标准的适配器插头进行使用。抛光机的电源插孔位于机体后侧下方。



2 启动抛光机
接通电源后，按下抛光机正面主控面板右下方的电源键启动抛光机。抛光机启动时会播放启动提示音，同时环形LED指示灯亮起。



3 打开抛光机
按下Open/Close升降按钮，抛光台将开始上升。抛光台上升至最高位时将自动停止。



4 打开透明腔罩
抬起透明腔罩并将其钩在风扇边缘上，如图所示 。



5 安装雾化头
安装时将雾化头下方的四个引脚稳固地插入抛光腔左上角的插孔中，并用手轻按，以保证接触良好。



[3]高浓度的异丙醇将缩短抛光时间并获得更好的抛光效.果

6 加注醇液

加注醇液。建议加注至醇槽容积80%-90%。建议使用浓度70%以上的异丙醇。
推荐使 用浓度不小于90%的异丙醇 。



7 安装醇槽盖

醇液加注完毕后，请盖好带栅格的醇槽盖。



8 安装抛光托盘

请将抛拖盘至于抛光台上。



开始抛光

1. 放置一个PolySmooth™打印件于抛光托盘上。



2. 按下升降开关
按下升降开关时，升降台将缓缓下降，直至到达抛光机底端。此时整个抛光机呈密封状态，抛光机正面控制面板上密闭不良指示灯熄灭。若指示灯未熄灭，请检查抛光台是否良好落位。



3. 开始抛光
顺时旋转旋钮，抛光开始。此时，雾化头开始喷出醇雾，抛光托盘开始旋转。若干分钟之后，醇雾将布满整个腔体。

左右旋转旋钮，可以设置抛光时间，每亮一个LED指示灯，表示增加5分钟时间。最佳抛光时间与醇液浓度，环境温度，抛光件尺寸，雾化头海绵饱和状态等相关。一般来说，第一次可将抛光时间设定在20-40分钟（点亮4-8个LED灯）进行试抛。



按下Chamber Light 按扭可点亮抛光腔体顶灯。按下主控旋钮后，进行左右旋转，可选择雾化头灯光颜色。



可以按照设置好的时间让抛光机自动工作并停止，或者在抛光时随时逆时针旋转主控旋钮来停止抛光。结束时，会有提示音提示抛光结束。此时，位于抛光机顶端的风扇将自动开启，启动“清洁”模式，吹散醇雾。

4 升起抛光台
抛光结束后，可按下Open/Close按钮升起抛光台。



5 晾干
当抛光台上升完毕后，可将置有抛光件的抛光托盘取出，放在一旁进行晾干。此时请不要触碰抛光件，以免留下指纹。此时可使用另一个抛光托盘进行抛光。

抛光件需若干小时才能完全干燥。用风扇或真空干燥箱可加速干燥过程。请避免抛光件接触热源或者直接烘干。

模型在几周后会慢慢变硬，为了加快这个过程，你可以使用风扇 。



6 安装全封闭醇槽盖（可选）
如果短期不需使用抛光机，建议将带栅栏醇槽盖换成全封闭醇槽盖以减少醇液的挥发及雾化头海绵的干燥。



PolySmooth™

1 基本参数

颜色	7种颜色
平均线径	1.75 或 2.85 (< ± 0.05 mm, 一般~ ± 0.02 mm)
推荐打印温度	190 – 220 C (1.75 和 2.85 mm相同)
推荐打印速度	40 – 90 mm/s
加热底板（如有此功能）推荐设置温度	0 - 70 ° C

2 说明

PolySmooth™ 可以在和PLA相似的打印条件下进行打印。

可以在Polysher™ （需另外购买）里用 异丙醇 对PolySmooth™的打印件进行后处理，以极大程度提高PolySmooth™ 打印件的表面质量，消除层间纹理。

PolySmooth™ 能在常见打印底板上进行打印。为进提高首层粘合强度，可使用PVA胶棒涂抹在打印地板上或者将打印底板加温至70 ° C。

PolySmooth™ 线材较易吸潮，建议未打印时，将线材放入自封口袋中密封，以减少材料对水分的吸收， 确保最好的打印效果。

更多产品使用信息或技术问题，请访问我们的网站www.polymaker.com或者发送到邮箱ts@polymaker.com我们将竭诚为您服务。

3 卓越特性

可抛光性
PolySmooth™是全球第一款能够对其打印件进行“抛光”处理，消除层间纹路的3D 打印材料。配合Polymaker研发的Polysher™抛光机使用，能极大提高其打印件的表面质量。

易于打印
Polysmooth™可以在和PLA一样，甚至更宽泛的的条件下打印。其无异味，不需要加热底板也能轻松打印的特性，非常适合桌面式3D打印机。

出色的综合力学性能
相比于市场上其他常见材料，PolySmooth™具有更好的综合力学性能，能充分满足日常打印的需求。

优化的支撑
Polymaker将研发PolySupport™时的灵感重新注入到了PolySmooth™的开发上。打印件的自身支撑非常容易去掉而且抛光后不会留下任何痕迹。

不易翘曲
PolySmooth™在打印过程中内应力极小，大大降低了其翘曲的可能性，非常适合打印较大的部件。

常见问题及解决方案

1 如果雾化头警告灯亮了，该如何处理？

请检查雾化头是否松动。轻按雾化头，以确保其连接良好。

2 如果喷雾量明显小于正常情况该如何处理？

正常情况下，几分钟之内醇雾就会布满整个抛光机。如果一直未能布满或者醇雾非常稀薄，请检查醇槽中是否有足够的醇液，并根据情况适量加注。低雾量也意味着需要更换雾化头 。

3 清理醇槽

包装中带有一只30毫升的胶头吸管用于清理醇槽中剩余的醇液。吸取醇液的过程中，请勿将热源、明火或者火星靠近醇槽。吸出的醇液若妥善保存，可再次使用。

4 取下外壳
一般来说，不需将抛光机的外壳取下。若有必要，请遵循以下步骤：

- 将抛光台升至最高位置
- 将外壳由下举起至抛光机顶端。两手向外轻轻扩张外壳后端，并同时往上移出。
- 将外壳放回，先两手向外轻轻扩张外壳后端，并同时往下放入。请确保外壳与抛光机底座之间的橡皮密封圈接触良好，保证密封效果。





联系方式

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