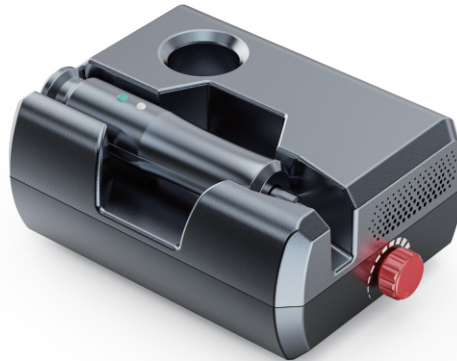


PRODUCT MANUAL



Ultrasonic Knife U1



CE FC RoHS   EN

Note: The image is for reference only. The actual product shall prevail

A Letter to Our Customers

Dear Valued Customer,

To ensure that you can assemble and use the product smoothly, we have prepared this assembly and user manual. Please read the following content carefully and follow the instructions to ensure safety and convenience during use. If you encounter any problems during use, you can scan the QR code or visit our company's website to access the relevant instructional videos. In the event of a machine malfunction, please refer to the names of the corresponding components in the machine and inform us of the problem and the condition of the machine via the after-sales email provided on this page.

After-sales Email: service@twotrees3d.com Wikipedia: wiki.twotrees3d.com

Inquiry Email: info@twotrees3d.com

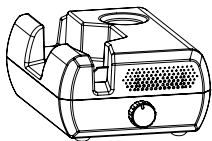


CONTENTS

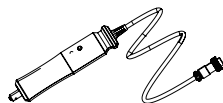
1.List	01
2.User Guide 1	02
3.User Guide 2	03
4.Operating Instructions	04
5.Product Specifications	05
6.Safety Warnings	06

1.List

EN



Main Control Box ×1



Knife Pen Handle x1



24V 2A Adapter x1



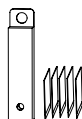
Scraper x1



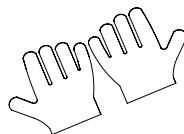
Hex Key Wrench x1



Plastic Protective Cover x1



Blade Box x1

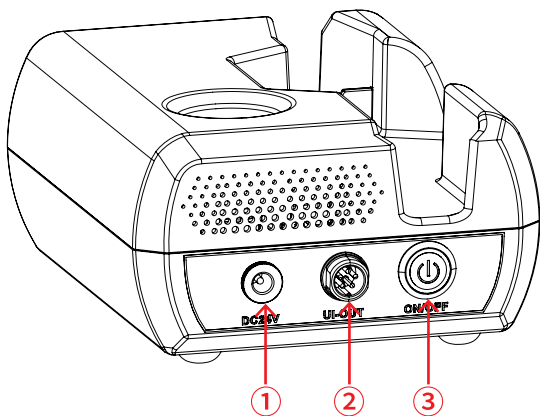


Protective Gloves x1

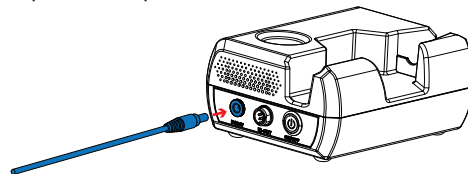


Sandpaper x3

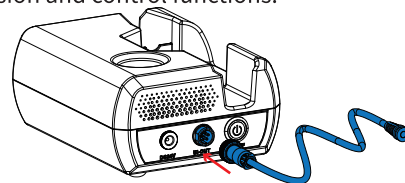
2.User Guide 1



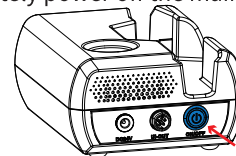
①Power Port: This port is used to connect the ultrasonic knife to the power adapter.



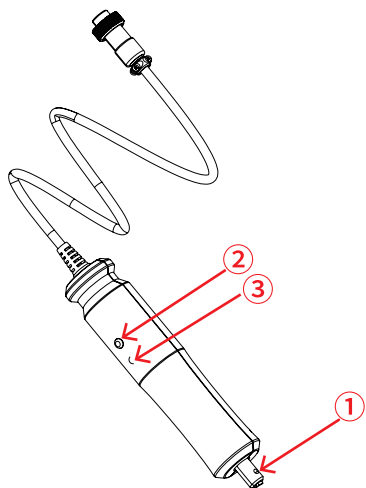
②Ultrasonic Knife Pen Connection Port: This port is used to connect the ultrasonic knife pen, enabling signal transmission and control functions.



③Main Control Box Power Switch: Pressing this switch will immediately power on the main control box. Pressing it again will immediately power off the main control box.

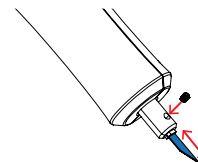


3. User Guide 2

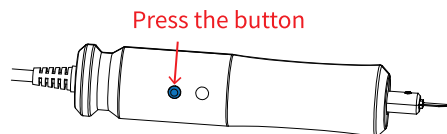


① Blade Fixture Fixation: Loosen the hex screw, insert the blade, and tighten the hex screw to secure the blade in place.

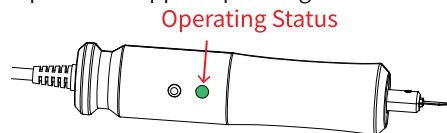
Note: When changing the blade, please wear protective gloves to avoid cuts!



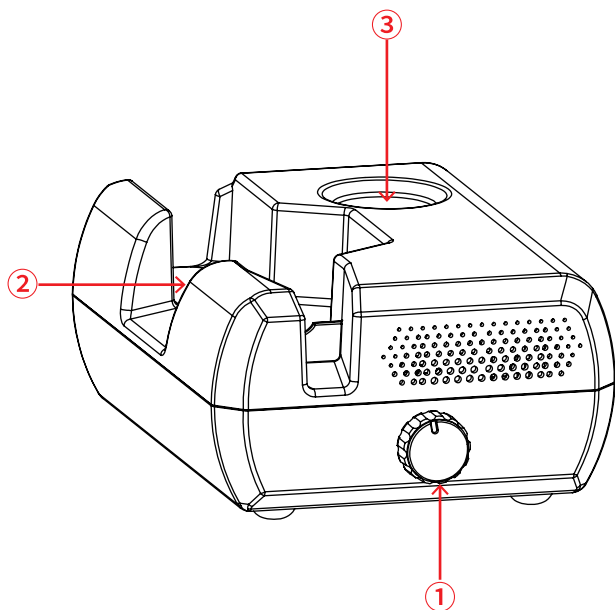
② Ultrasonic Knife Pen Switch Button: Press to start and press again to stop, allowing precise control of the knife pen operation.



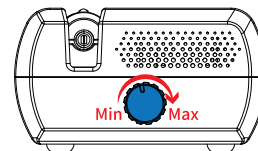
③ Indicator Light: This light indicates the device status. When the light is on, the ultrasonic knife pen is in operation. When the light is off, the knife pen has stopped operating.



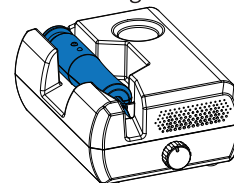
4. Operating Instructions



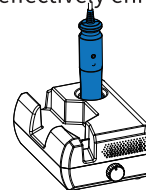
①Knob: Used to adjust the power of the ultrasonic knife, providing precise and convenient control to meet the cutting and engraving needs of different materials.



②Ultrasonic Knife Pen Holder: Designed to store the knife pen, keeping the device neat and organized when not in use.



③Temporary and Convenient Ultrasonic Knife Pen Placement Hole: During use, the knife pen can be temporarily placed here, providing easy access and effectively enhancing operational efficiency.



5.Product Specifications

Model: U1	Adapter Specifications: 100-240V-50/60Hz 1.5A
Controller Box Dimensions: 180x128x74mm	Adapter Output: 24V 2A
Knife Pen Handle Dimensions: 136mm	Packing Weight: 1kg
Power: 40W	Main Material: Plastic Injection Molding + Electronics
Main Control Box Input: 24V	Frequency: 40000Hz
Handle Cable Length: 1.5m	Blade Replacement: Supported
Applicable Materials: 3D printing materials, plastic models, PVC, acrylic, leather, rubber, PCB, wood, EVA, etc	

6.Safety Warnings

- 6.1 Please read the product manual carefully before using the product and follow the instructions provided.
- 6.2 Always wear protective gloves while using the product to avoid accidental cuts from the blade.
- 6.3 Do not use the product in damp or flammable/explosive environments.
- 6.4 Keep the product stored in a dry, well-ventilated area free of corrosive gases.
- 6.5 Ensure the product is stored out of reach of children.
- 6.6 Do not disassemble or modify the product yourself, as this may affect its performance and safety.
- 6.7 Conduct a thorough inspection of the equipment before use, including checking the power connections, ensuring the blade is securely installed, and verifying that the power cord is not damaged, to ensure the equipment is in good condition.
- 6.8 When installing or changing the blade, make sure the equipment is powered off and that the blade is securely installed to prevent it from loosening or falling off, which could cause danger.
- 6.9 Never touch the vibrating blade with your hands or any other part of your body while the equipment is in operation to avoid cutting injuries.
- 6.10 Dispose of used blades in a sharps container. Do not discard them indiscriminately to prevent environmental and personal injury.
- 6.11 The blade generates high temperatures during operation. Do not touch the blade with your hands or any other part of your body to avoid burns.



Warning injure hand



Danger!Dustproof



Danger!Safety



Keep out of reach of children



High temperature hazard

6043001



TEL:+0086-0755-23987110

Http: www.twotrees3d.com

E-mail: service@twotrees3d.com

Wiki: wiki.twotrees3d.com

Facebook: <https://www.facebook.com/twotrees3d>

Address: 4th Floor, Building 11, No.9 Qilin Road,
Nankeng Community, Bantian Street, Longgang District,
Shenzhen, Guangdong, China, 518000



Warning injure hand



Danger! Dustproof



Danger! Safety



Keep out of reach of children