

XTOOL | F2 Ultra

Quick Start Guide

Kurzanleitung | Guía de inicio rápido | Guide de démarrage rapide |
Guida rapida | Korte handleiding | Manual de referência rápida |
Skrócona instrukcja obsługi | クイックガイド | 빠른 시작 가이드 | 快速入門指南 |
快速使用指南

XTOOL



01

Multi-language versions and more information

To find user guides in multiple languages and more help, please visit support.xtool.com/article/1961 or scan the QR code.

Mehrsprachige Versionen und weitere Informationen

Falls Sie Benutzerhandbücher in mehreren Sprachen suchen und weitere Hilfe benötigen, besuchen Sie bitte support.xtool.com/article/1961 oder scannen Sie den QR-Code.

Versiones multilingües y más información

Para encontrar guías de usuario en varios idiomas y más ayuda, visite support.xtool.com/article/1961 o escanee el código QR.

Versions multilingues et informations complémentaires

Pour trouver des guides de l'utilisateur dans plusieurs langues et accéder à une assistance supplémentaire, veuillez consulter support.xtool.com/article/1961 ou scanner le code QR.

Versioni multilingue e ulteriori informazioni

Per manuali dell'utente in altre lingue o ulteriore assistenza, visitare support.xtool.com/article/1961 o scansionare il codice QR.

Meertalige versies en meer informatie

Ga voor gebruikershandleidingen in meerdere talen en meer hulp naar support.xtool.com/article/1961 of scan de QR-code.

Versões multi-idíomas e mais informações

Para encontrar manuais do utilizador em idiomas múltiplos e mais ajuda, visite, se faz o favor, support.xtool.com/article/1961 ou leia o código QR.

Wersje wielojęzyczne i więcej informacji

Aby znaleźć instrukcje obsługi w wielu językach i dodatkową pomoc, odwiedź stronę support.xtool.com/article/1961 lub zeskanuj kod QR.

複数言語バージョンと詳細情報

複数言語のユーザーガイドと詳細なヘルプについては、support.xtool.com/article/1961 にアクセスするか、QRコードをスキャンしてください。

다중 언어 버전 및 추가 정보

다중 언어로 된 사용 설명서와 추가 도움말을 찾으려면 support.xtool.com/article/1961 페이지를 방문하거나 QR 코드를 스캔하십시오.

多語言版本及更多資訊

如需取得其他語言版本的使用者指南或幫助資訊，請前往 support.xtool.com/article/1961 或掃描 QR code。

多语言版本及更多信息

如需获取其他语言版本的用户指南或更多帮助信息，请访问 support.xtool.com/article/1961 或扫描二维码。你也可以访问 yuque.com/makeblock-help-center-zh/f2-ultra 查看在线帮助。

02

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Meet xTool F2 Ultra- - - - - 02

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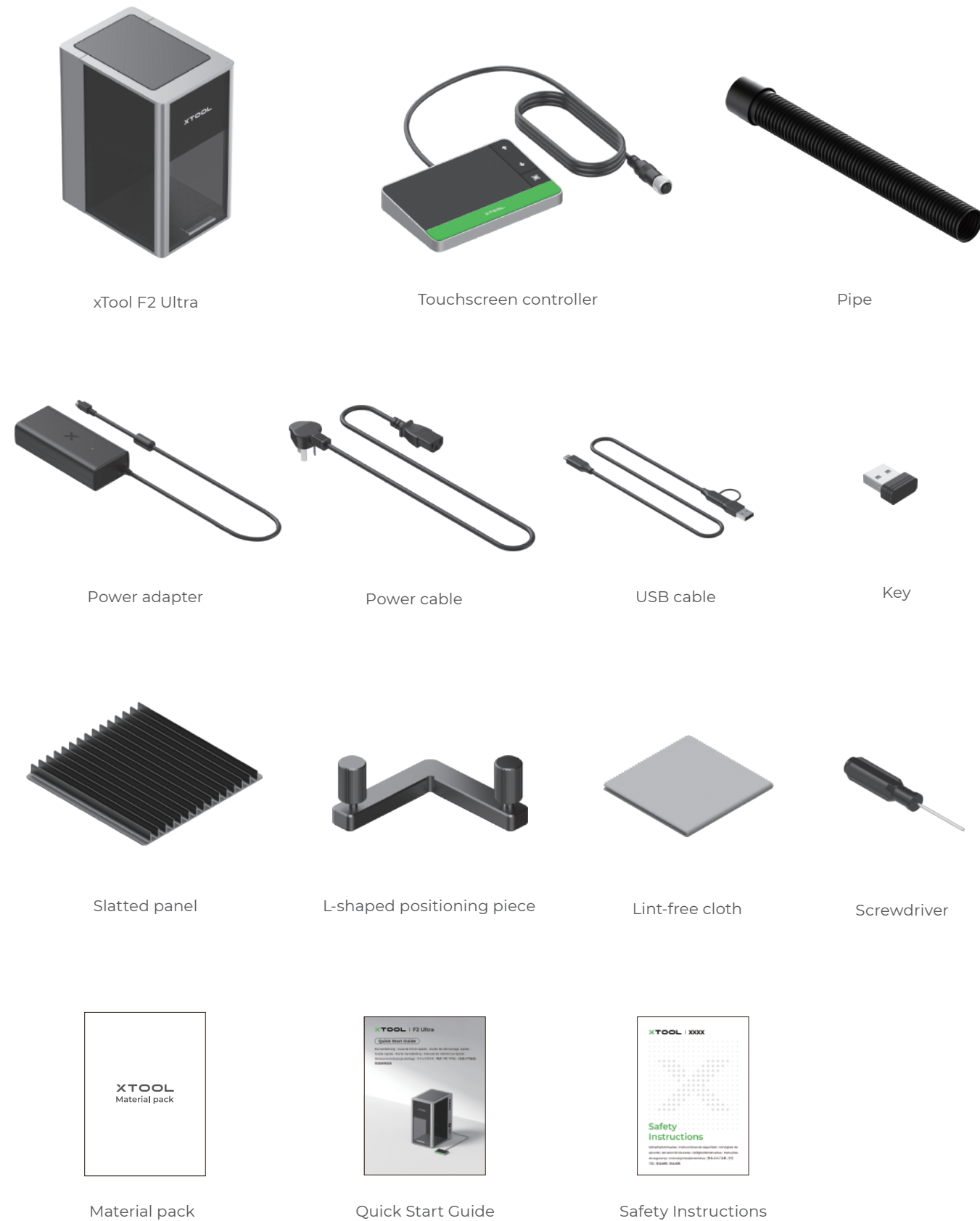
Maintenance - - - - - 10

* The English version is the original instructions verified by the manufacturer.

support.xtool.com/article/1961

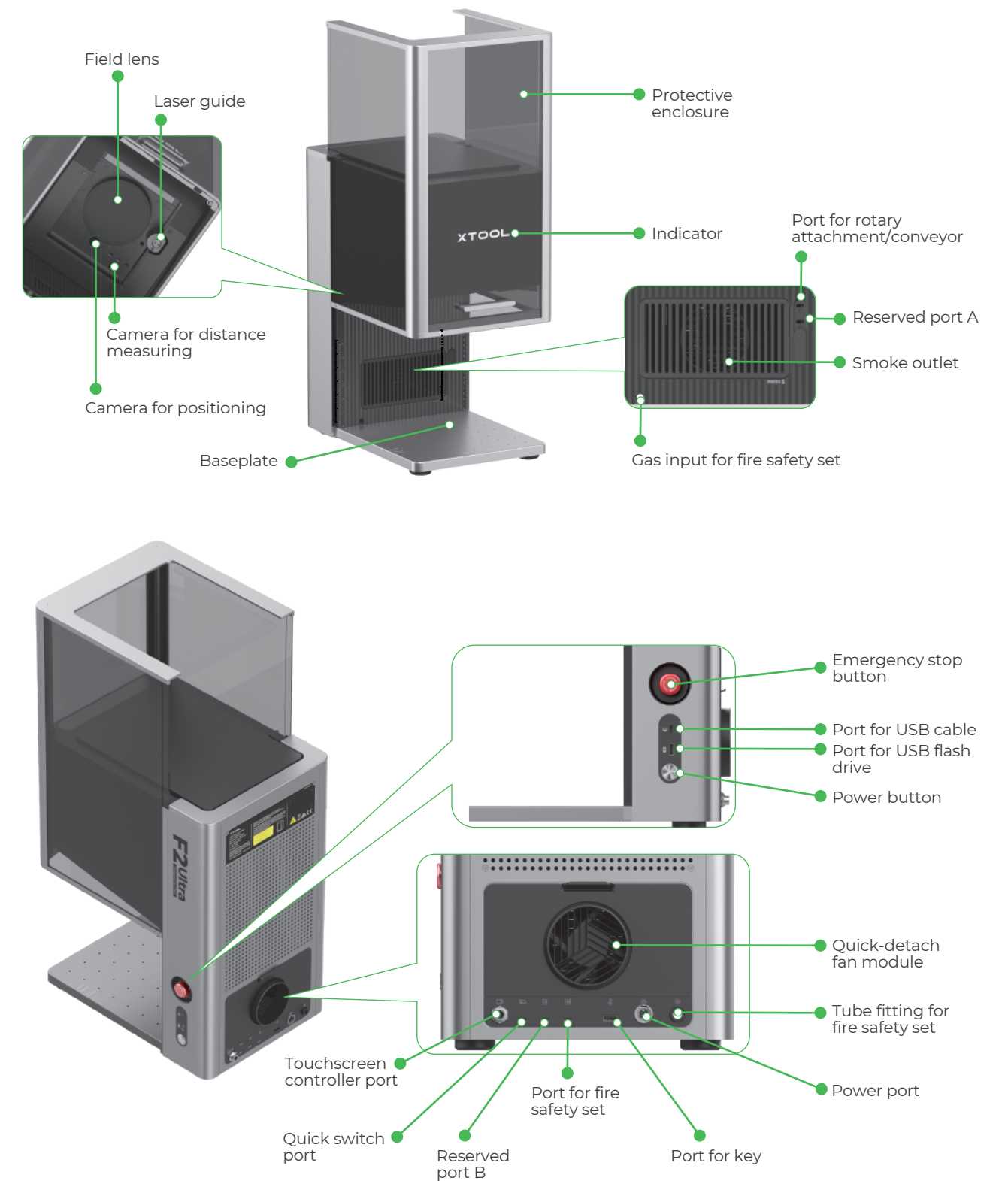


List of items

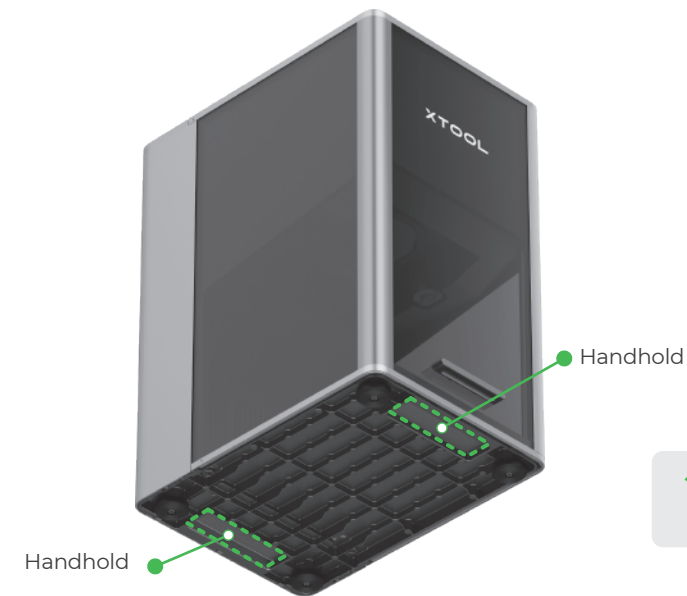


Meet xTool F2 Ultra

Product structure

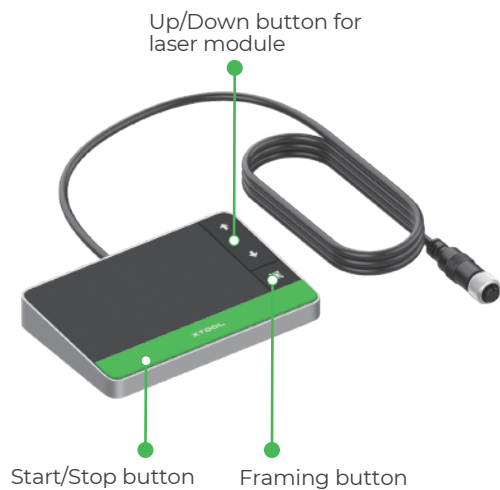


⚠ Reserved port A and reserved port B function differently and can not be used interchangeably.



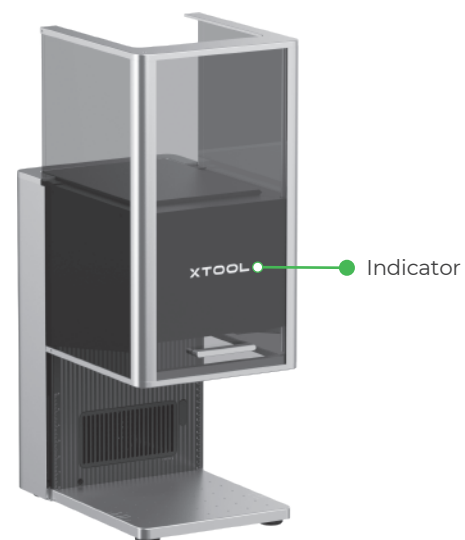
By gripping on the handholds, you can easily move the machine.

Touchscreen controller



- **Up/Down button for laser module:** Lifts or lowers the laser module during manual focusing.
- **Framing button:** Press it once to start or stop framing.
- **Start/Stop button:** Press it once to start or stop material processing; press it twice consecutively to repeat the last processing task.

Common machine states and indicator display



Machine state	Indicator display	
Powered on		Solid on
Processing		Blinking slowly
Setting network / Upgrading firmware		Blinking rapidly
Sleeping / Powered off		Going off

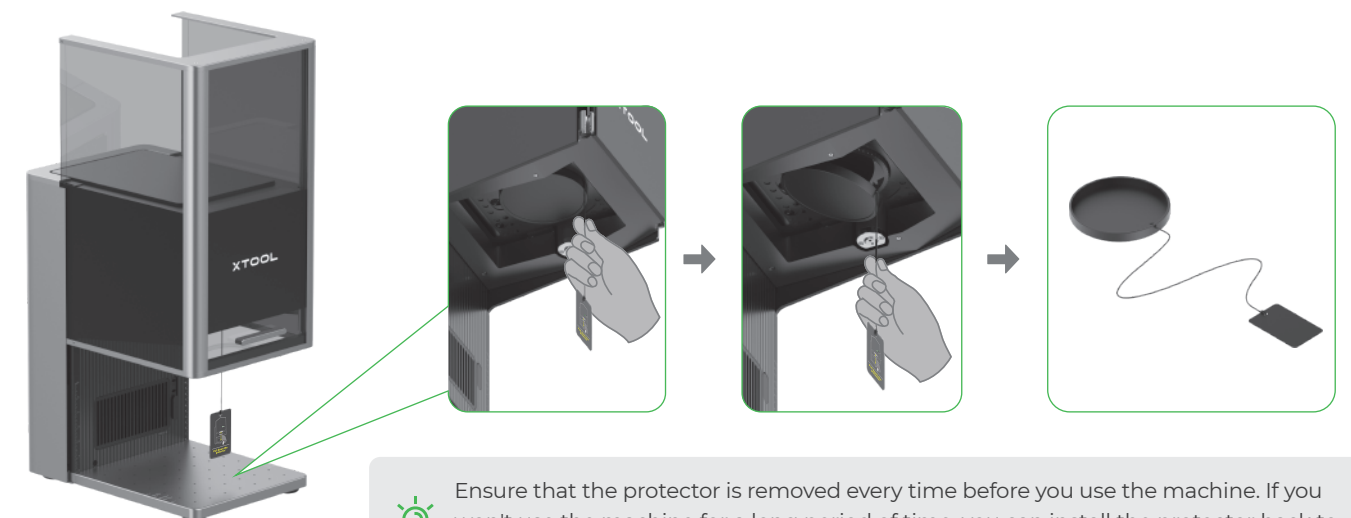
Specifications

Product name	xTool F2 Ultra	Working laser	40 W blue-light diode laser 60 W infrared MOPA laser
Size (W × D × H)	294 mm × 429 mm × 520 mm	Working laser wavelength	Blue-light laser: 445 ± 15 nm Infrared laser: 1064 ± 5 nm
Voltage	110 V / 220 V	Internal working area	220 mm × 220 mm
Connection mode	Wi-Fi, USB, IP	Maximum processing speed	15,000 mm/s

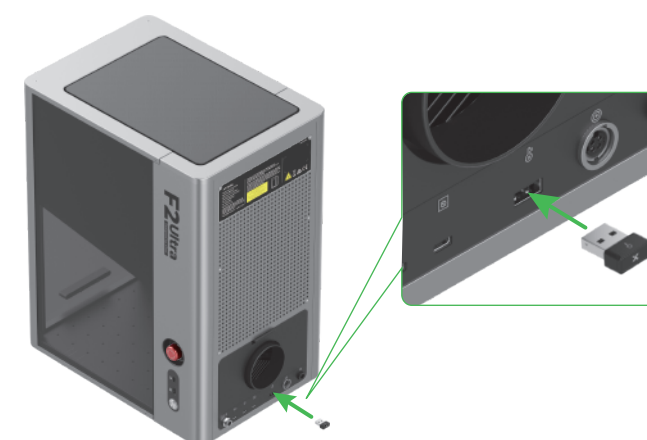
The single-laser xTool F2 Ultra includes only a 60 W infrared MOPA working laser. The 40 W blue-light diode laser is not included in the single-laser model.

Install xTool F2 Ultra

1 Pull the tag string down to detach the field lens protector.



2 Insert the key.



You can use the key either as an access-control key or a remote interlock connector.

Access-control key

Removing the key can disable the machine's processing and related functions.

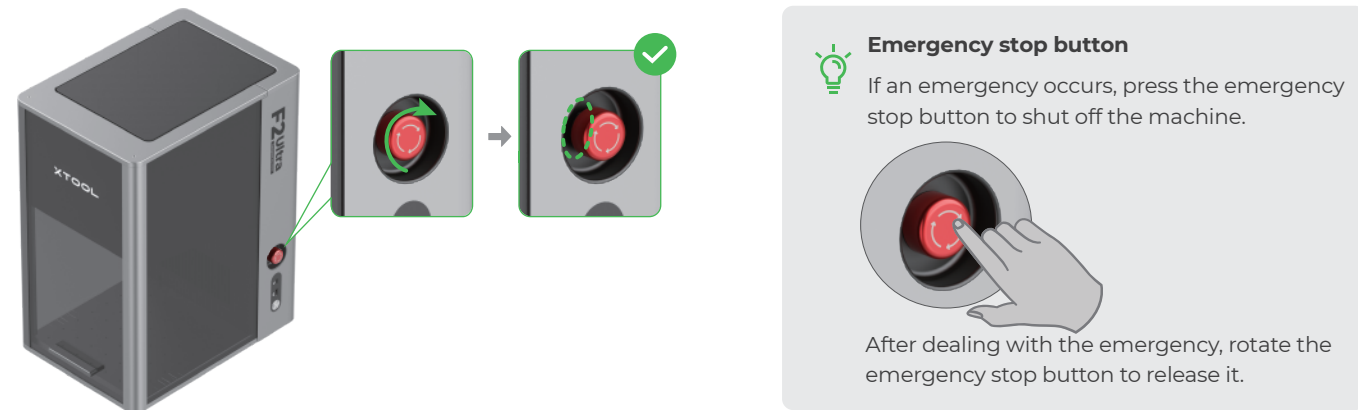
Remote interlock connector

For detailed instructions, scan the QR code or visit the link.

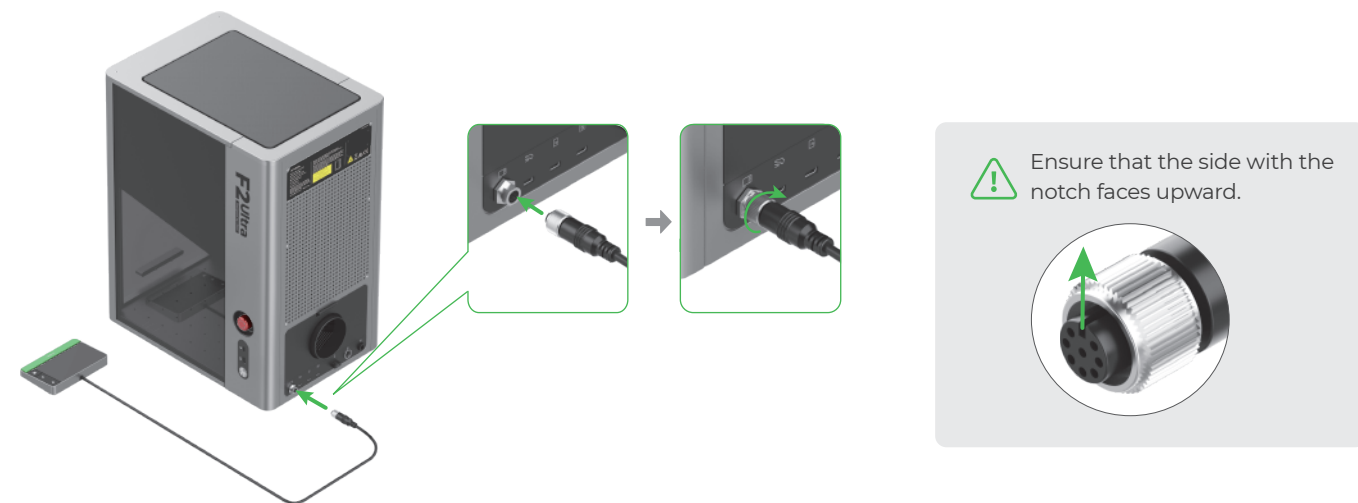


support.xtool.com/article/1367

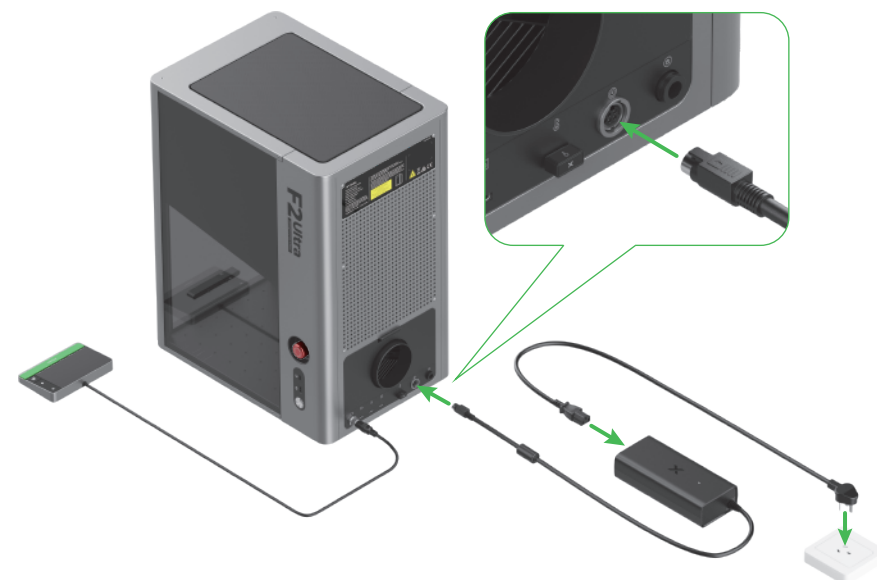
3 Ensure that the emergency stop button is released. If it is pressed, rotate to release it.



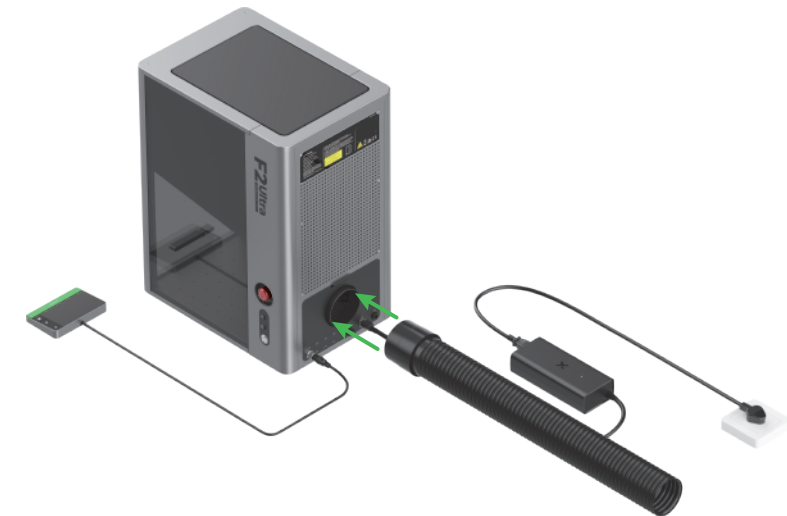
4 Connect the touchscreen controller.



5 Connect to a power supply.



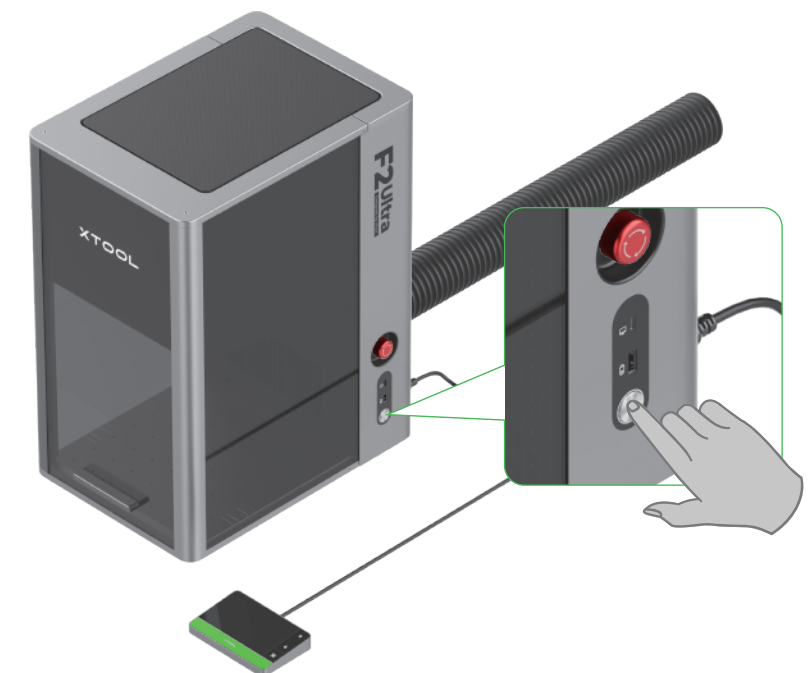
6 Install the pipe.



Use your xTool F2 Ultra

Power on

Press the power button to turn on xTool F2 Ultra.

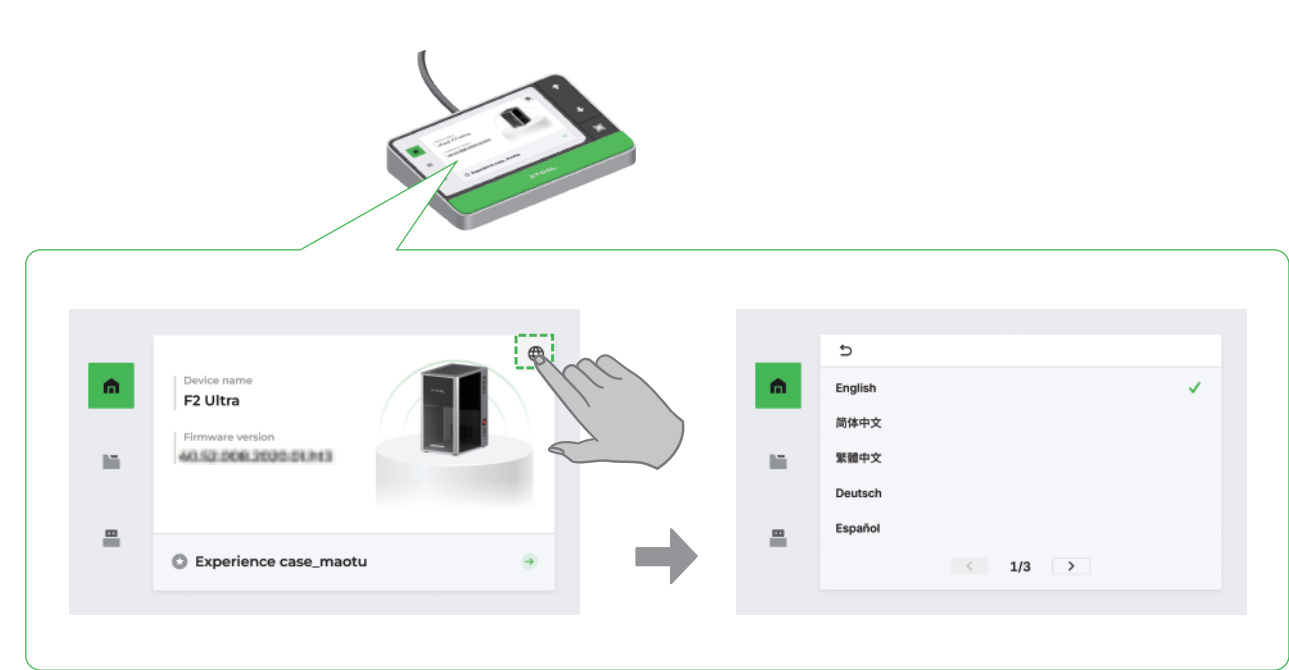


Never use the emergency stop button as a power button.
Use the emergency stop button only when an emergency occurs. Using it as a power button to turn on and off the machine may damage it.



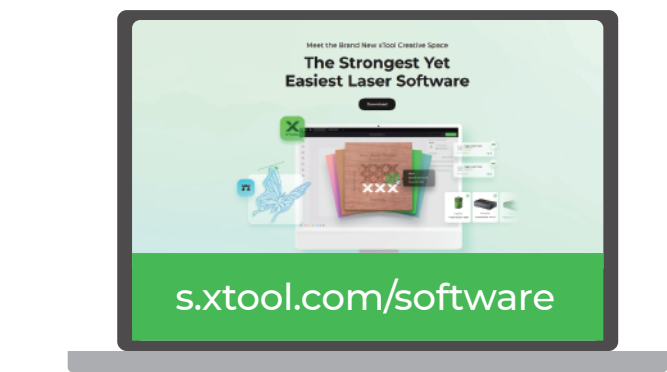
Set up the language

Set the UI language of the touchscreen controller.

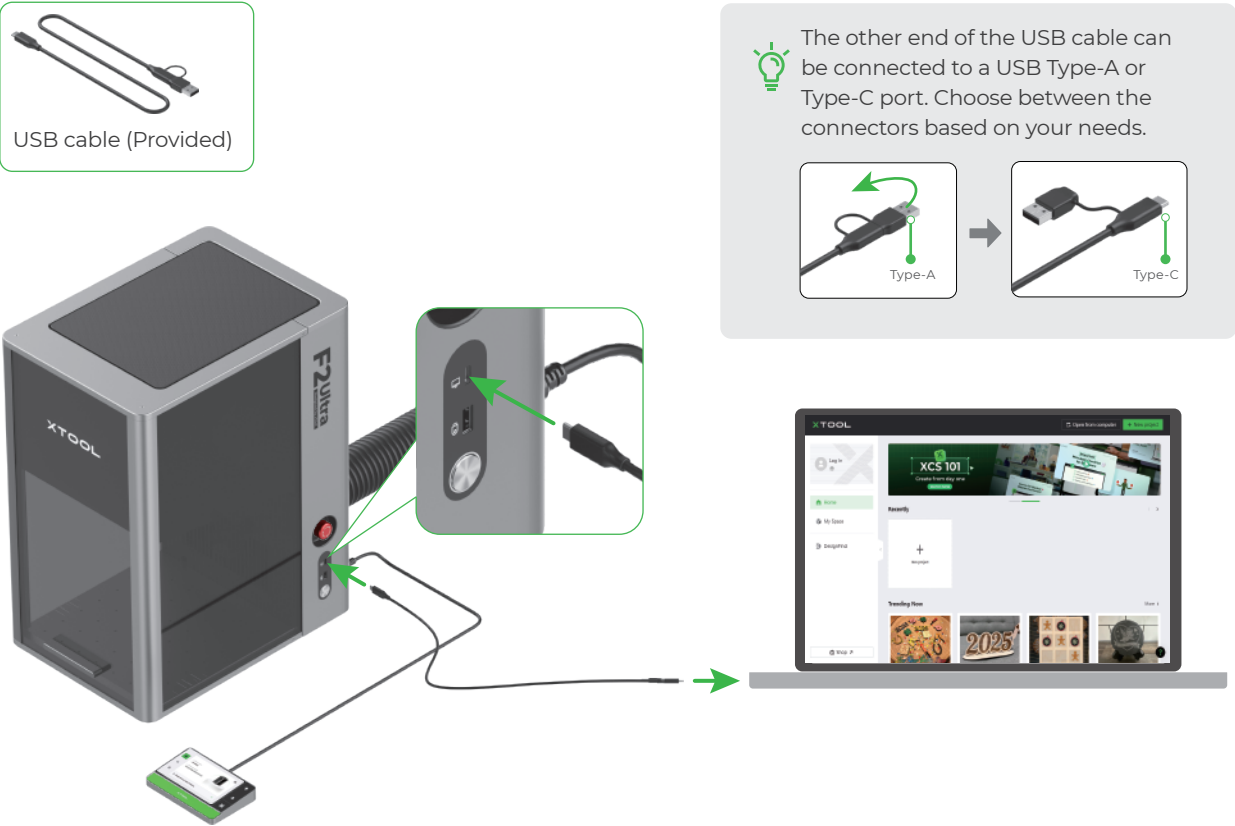


Operate xTool F2 Ultra with the software

(1) Visit s.xtool.com/software to download and install the software developed by xTool.



(2) Use the USB cable to connect xTool F2 Ultra to your computer, and then connect xTool F2 Ultra in the software.



For details about how to use the software to operate xTool F2 Ultra to process materials, scan the QR code or visit the link.

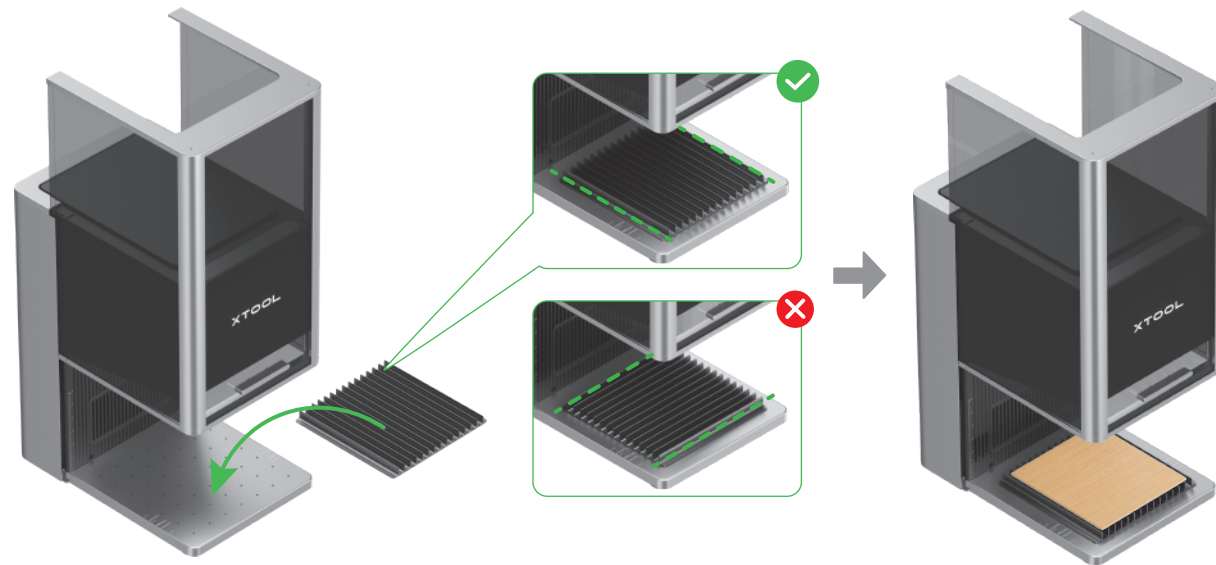


support.xtool.com/product/59

Use accessories

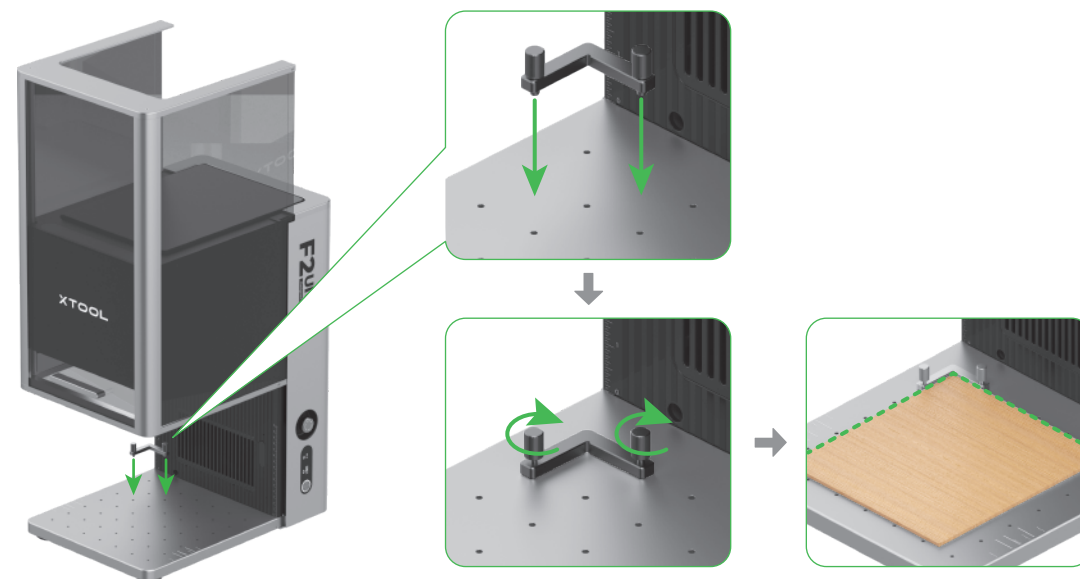
Slatted panel

To cut a material, you are advised to use the slatted panel. It can reduce the areas burned and protect the baseplate during material processing.



L-shaped positioning piece

You can use the L-shaped positioning piece for batch processing. It helps you place materials in the same position for each processing task.

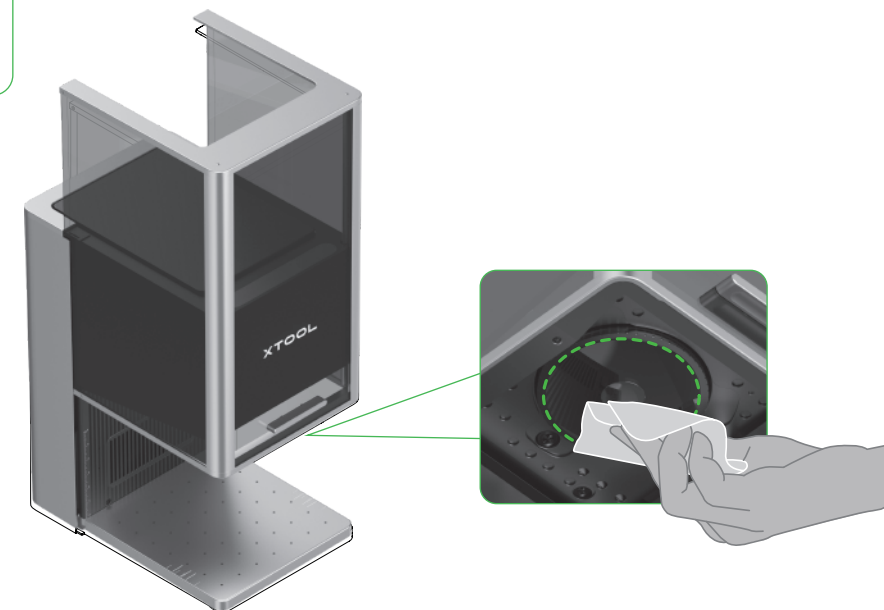


Maintenance

 Disconnect power before maintaining the product.

Clean the field lens

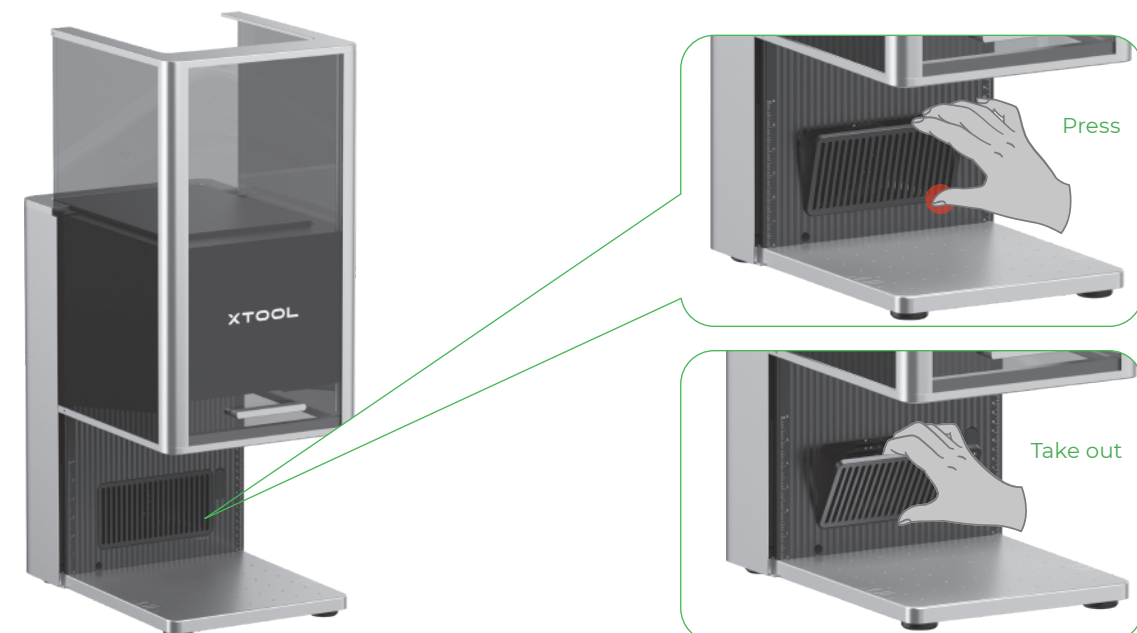
When laser power attenuation occurs, for example, engraved patterns are shallow or materials can't be cut as expected, the field lens may get dirty. Clean it with the lint-free cloth moistened with alcohol.



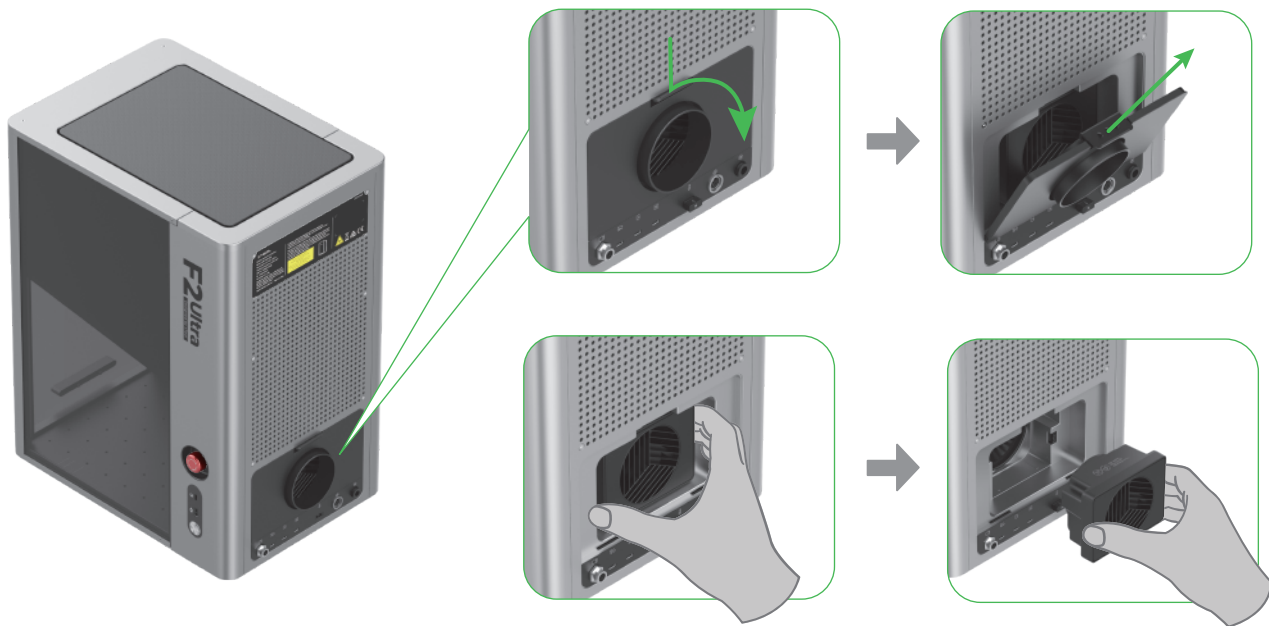
Clean the fan module

When smoke runs out of the protective enclosure, the fan module may be blocked by dust. Clean it to ensure proper smoke exhausting.

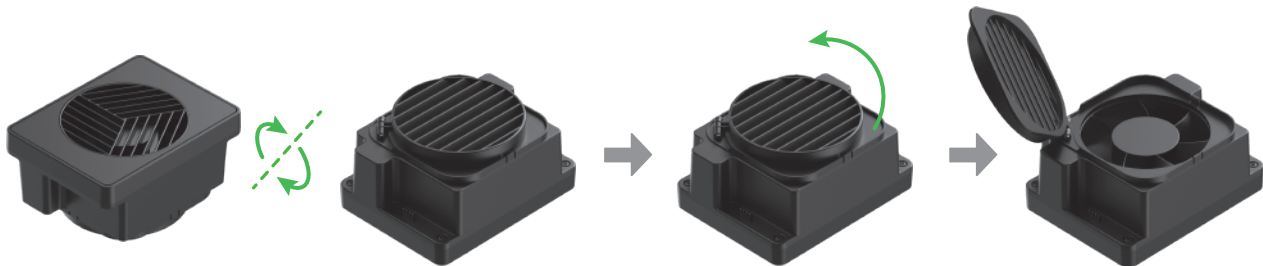
(1) Remove the magnetic fan guard from the smoke outlet.



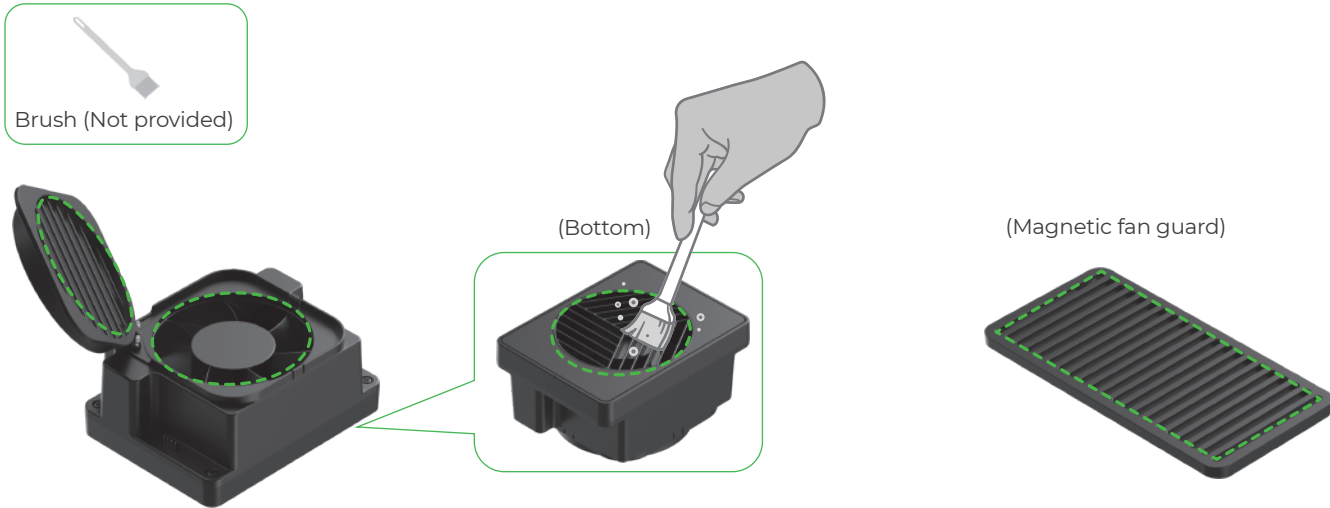
(2) Open the cover, and then take out the fan module.



(3) Open the cover to reveal the fan.



(4) Use a brush or other tools to clean the fan module and the magnetic fan guard. Then, install them back to the main unit.



 Do not rinse or immerse the fan module in water, as it may damage the circuit.