

# XTOOL | F1

## Fastest Portable Laser Engraver with IR + Diode Laser

# XTOOL



Software



User Manual



extremely-high  
engraving speed



Powerful  
Cutting Capability



Ultra-fine  
Precision



Super Easy to Use



Hight Security



Low Cost

## What's xTool F1

xTool F1 is the world's first laser engraver integrating a 2W 1064nm infrared laser with a 10W 455nm diode laser. It can engrave at a maximum speed of 4000mm/s, allowing you to finish a project in the blink of an eye.



## From Fun to Success



### For Engraving Right on the Spot

With a small laser engraver as portable as xTool F1, you can bring it to the fair, party or anywhere you want to go. Safe and speedy, xTool F1 can perform engraving right in front of everyone, and generate no smoke or cause laser light harm. It will totally surprise people with its fast and precise engraving.



### For Craft Fair/Flea Market Customization

Use xTool F1 to engrave unique signs for your customers, adding special memory to the merchandise. Customers can choose what they want to engrave on your device and it can finish the engraving in seconds.



### For DIY hobbyists

Bring your crafting ideas into life in a blink of an eye. That's what you can do with xTool F1. With its abilities to engrave photos and designs on paper cards or metal jewelry, xTool F1 is perfect for laser starters who love to create. The machine is preassembled, and smart to use. Easy to operate but powerful in functionalities.

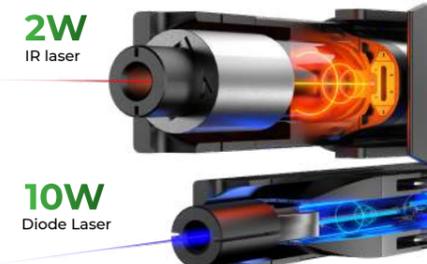
### Enclosed Design, Extra Safety

Protect your eyes and hands



### Two Powerful Lasers in One Machine

Work on regular materials and most metal



### Two-Step Focus Live Engraving Preview



### Desktop Smoke Purifier for Indoor Engraving



### Multiple Devices Adapted

Windows / macOS / iPadOS / iOS / Android  
Enabling you to prepare your engraving projects anytime, anywhere.



### Multiple Ways of Engraving



## Specification

| Type                | Details  |                          |
|---------------------|--|--------------------------|
| Laser type          | 10W diode laser  | 2W 1064nm infrared laser |
| Product size        | 179mm*235mm*334mm  |                          |
| Product weight      | 4.6kg  |                          |
| Accuracy            | Movement accuracy: 0.00199mm/Repeat positioning accuracy: 0.000248mm |                          |
| Working area        | 115*115mm rounded rectangl/ Expandable to 400*115mm with accessories |                          |
| Preview             | Rect   | Outline                  |
| Preview speed       | Rect: 12000mm/s  | Outline: 8000mm/s        |
| Up to working speed | 4000mm/s   |                          |
| Applications        | XCS  | Lightburn                |
| Connection          | WiFi   | USB                      |
| Support file        | SVG / DXF / JPG / JPEG / PNG / BMP,etc.                              |                          |
| Support systems     | Android / iOS / iPad / Windows / macOS                               |                          |
| Input               | 24V 5A   |                          |