

# Raise3D E2CF

## Carbon Fiber 3D Printing Made Simple



Nozzles with High Durability



Dual Direct Drive Extrusion System



Compatible with a Variety of Carbon Fiber Composite Filaments



Raise3D Industrial PA12 CF Support Filament



Raise3D Filament Dry Box



ideaMaker Slicing Profiles

# Applications



## Medical

High strength, lightweight, heat-resistant



## Automotive

Abrasion-resistant, lightweight, rust-proof



## Industrial

Strong, drop-resistant, with special carbon fiber texture



## Aerospace

Abrasion-resistant, corrosion-resistant, static-resistant

# Technical Specifications

|                        |  |                     |
|------------------------|--|---------------------|
| Build Volume (W×D×H)   | Single Extruder Print  | Dual Extruder Print |
|                        | 330×240×240 mm   | 295×240×240 mm      |
| Electrical             | Power Supply Input   | Power Supply Output |
|                        | 100-240 V AC, 50/60Hz 230 V @ 2A   | 24V DC, 350W        |
| Supported Materials    | PA12 CF, PA12 CF Support, OFP Certified Third-Party Filaments  |                     |
| Print Technology       | FFF  |                     |
| Filament Diameter      | 1.75 mm  |                     |
| Layer Height           | 0.1-0.25 mm  |                     |
| Nozzle Diameter        | 0.4 mm (Default), 0.6/ 0.8 mm (Available)  |                     |
| Max Nozzle Temperature | 300 °C   |                     |
| More Features          | 1. Mirror/ Duplication Mode 2. Auto Bed Leveling 3. Video-Assisted Offset Calibration System 4. Automatic Pausing with Door/Lid Sensors 5. Power Saving Button 6. Flexible Build Plate ... |                     |