



Raise3D E2CF

Carbon Fiber 3D Printing Made Simple



Nozzles with High Durability



Dual Direct Drive Extrusion
System



Engineered to 3D Print using
Various Fiber-Reinforced
Filaments



Easily Removable Support
Filaments



Raise3D Filament Dry Box



ideaMaker Slicing Profiles

Applications



Industrial

Material: PPA GF
Strong, drop-resistant, with special matte surface finish



Automotive

Material: PA12 CF
Abrasion-resistant, lightweight, rust-proof



Aerospace

Material: PPA CF
Abrasion-resistant, corrosion-resistant, electrostatic-resistant



Medical

Material: PA12 CF
High strength, lightweight, heat-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/ 60 Hz 230 V @ 2 A	24 V DC, 350 W
Supported Materials	Fiber-reinforced PLA/ ABS/ PA/ PET/ PPS filaments, and corresponding support 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 ...	