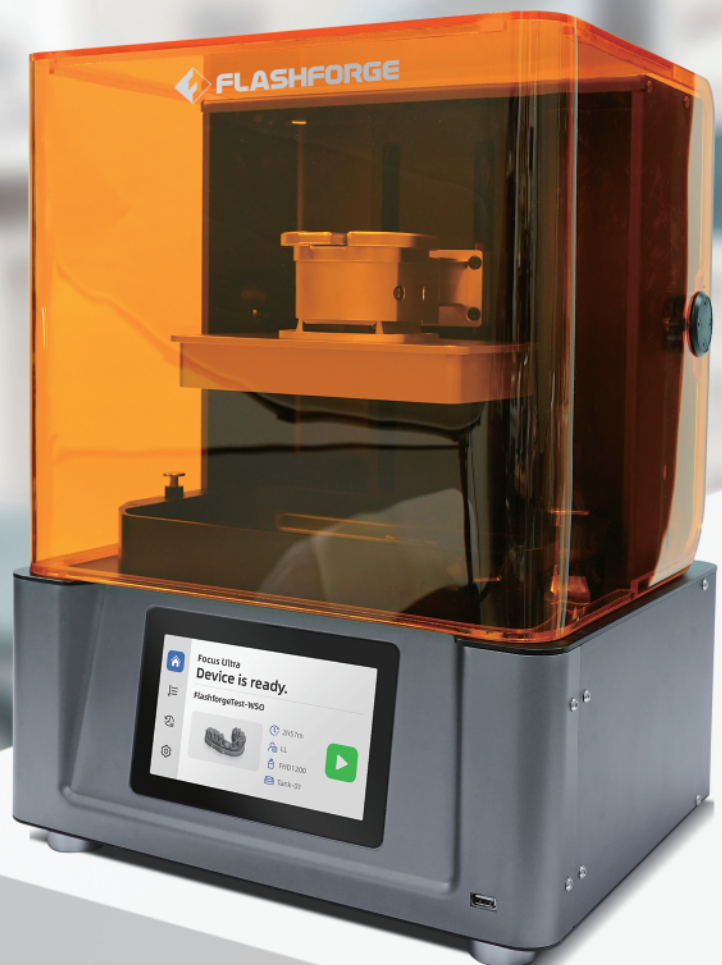# Focus Ultra

Explore Infinite Possibilities

Focus Ultra

Curing Box Ultra Cure

Flashforge Next-Gen High-Precision 3D Printing Full-Process Solution

Aid Experts in Unlocking Endless Potential in 3D Printing

Compatible with global scanners
MEDIT, 3shape, Sirona, iTero, etc.
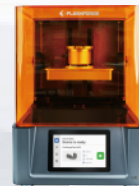
01 Scan Data & Design

Intraoral Scanning Software

02 Slicing Software

FlashReady

03 3D Printer

Focus Ultra

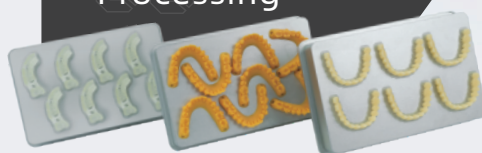**04** Post-Processing Equipment

Curing Box | Cure Ultra

05 Finished Product Processing

Twin Tornado Wash Station

Surgical Guides   Orthodontic Models   Complete Dentures

High-Performance Hardware System

Ensure Precision, Quality, and Details for Every Print

Focus Ultra, a professional 3D printer, offers large format, high quality, and efficient stable production. It meets dental needs like implant, restoration, and orthodontics, facilitating digital transformation of dental clinics and denture processing factories.
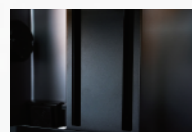
Enhanced Industrial Linear Module
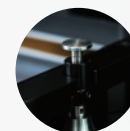Ensure accurate Z-axis positioning during printing
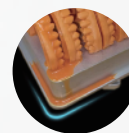
Drip-Proof Build Plate
Cleaner printing experience

One-Touch Locking
Easy disassembly & quick assembly; more stable build plate

197*122mm
Enlarged print area; all-aluminum build plate

9.25" 6K HD Monochrome Screen
33μm pixel size, showcasing every detail

Newly Upgraded Resin Tank Pin
One-second disassembly
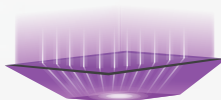
COB Integrated Light Source
Fresnel lens for even illumination
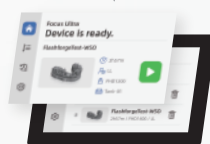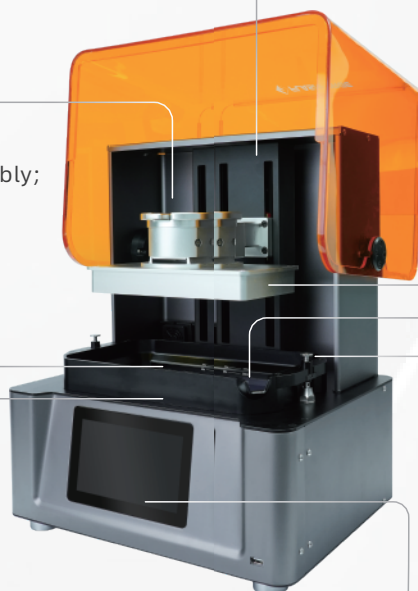
7" Touch Screen
Convenient and responsive operation

Crown Restoration

Surgical Guide

Orthodontic Model

Meet High-Precision Dental Printing Needs

Focus Ultra supports various applications, including dental crowns, surgical guides, orthodontic models, denture frameworks, and gingiva masks, facilitating digital transformation in dentistry.

Splint/Nightguard
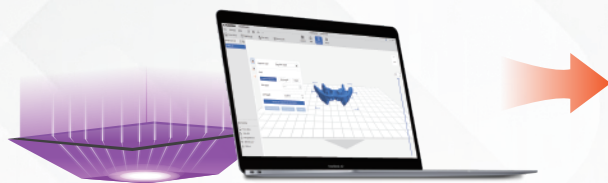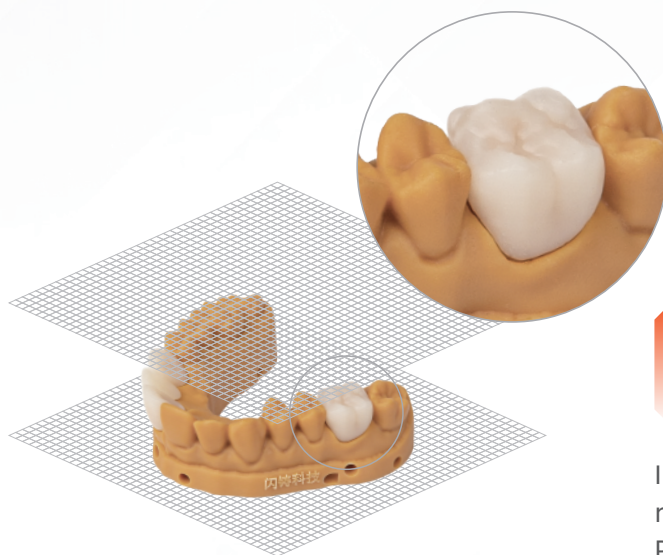
Orthodontic Bracket Tray

Gingiva Mask

Denture Framework

COB light source with mask algorithm provides better control over light distribution, ensuring uniform illumination. New experience with further improved light uniformity.

Focus Ultra

VS

No light uniformity control

6K 6K Screen
Showcase finer details

Industrial-grade 6K monochrome screen with a resolution of up to 5760*3600, pixel size of 33μm; Precisely capture details and maximize design reproduction.

Precision Z-axis Control
Motion System

Upgraded industrial linear module & high-power motor offer enhanced structure stability; Minimize errors caused by mechanical vibrations and improve the print success rate.
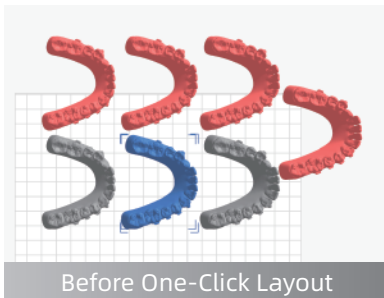
FlashReady

Newly Upgraded Professional Slicing Software

Open 3D printing solution, with Engineer Mode added, offering easy compatibility with third-party resins for experts

stl frp frss fdp 3mf obj
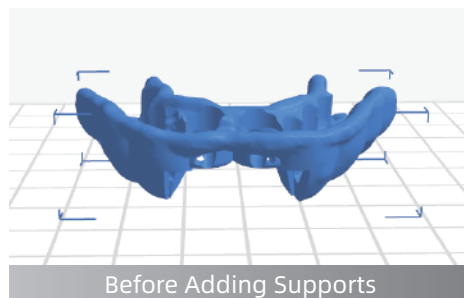
FlashReady

Support various file formats such as stl, frss, frp, fdp, featuring easy one-click operation
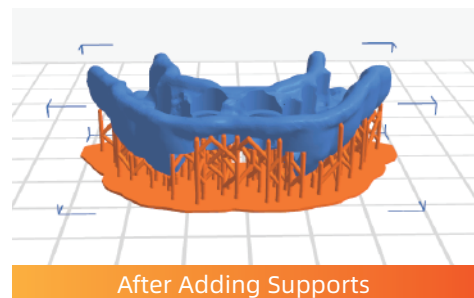

Before One-Click Layout

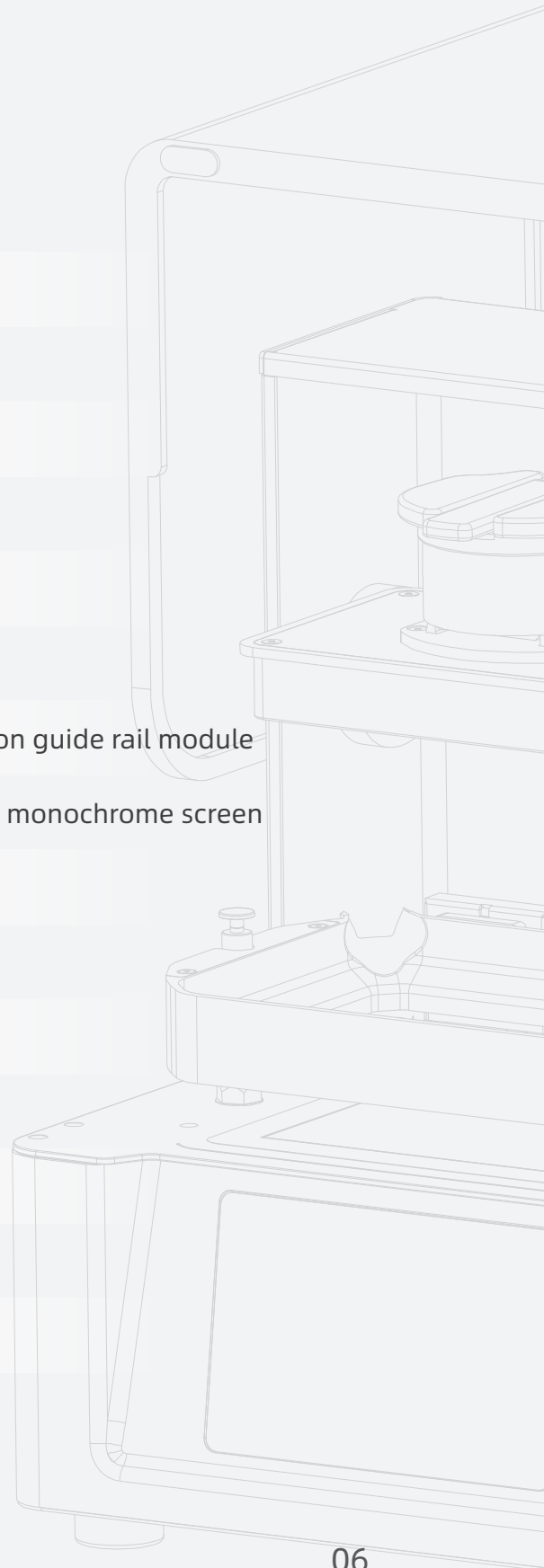After One-Click Layout

Before Adding Supports

After Adding Supports

Focus Ultra

Parameter

Equipment Name	Focus Ultra
Print Speed	10~50mm/h
Build Volume	197*122*180mm
Layer Thickness	25~200μm
XY Resolution	33μm
Wavelength	405nm
Z-axis	Industrial-grade high-precision guide rail module
Projection Screen	9.25-inch industrial-grade 6K monochrome screen
Input Voltage	100~240V
Resin Tank Capacity	0.45L
Connectivity	USB/Ethernet/Wi-Fi
Power	350W
Dimensions	390*330*525mm
Display Screen	7-inch touch screen
Build Plate	Sandblasted platform

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