
Digital Dentistry Solution

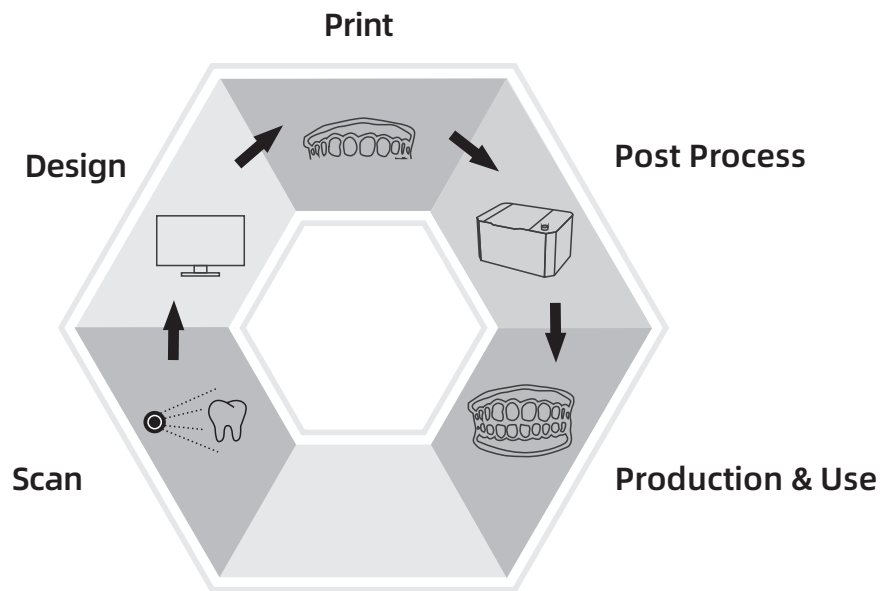
Hunter S



Hunter S

Flashforge newly upgraded professional high-precision DLP printer: Hunter S can be applied to digital dental solutions in subdivision fields such as implant, restoration and orthodontics. It is a cost-effective printing device that features simple operation, reliable running, and convenient maintenance for dental clinics and mid to high-end denture processing factories at home and abroad.

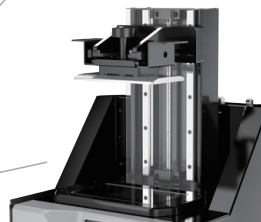
Flashforge Professional Dental Solutions



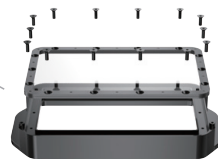
Professional Dental DLP 3D Printer



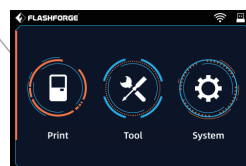
High-resolution optical engine, coupled with the efficient heat dissipation system, offering a service life of up to 50,000 hours.



Precision transmission system of dual linear guide rails + ball screw, realizing smooth movement and precise positioning.



The volume of the resin tank is almost doubled. The adopted split design makes the disassembly and assembly more convenient.



Easy-to-use operation interface, more sensitive to touch commands, with clearer display.

Parameters	
Print Speed	10-50 mm/h
Build Volume	144x81x180 mm
Layer Height	20-200 µm
XY Resolution	75 µm
Wavelength	405 nm
Connectivity	USB/Ethernet/Wi-Fi
Rated Power	84 W
Printer Dimension	360x320x560 mm
Touch Screen	3.5-inch Touch Screen

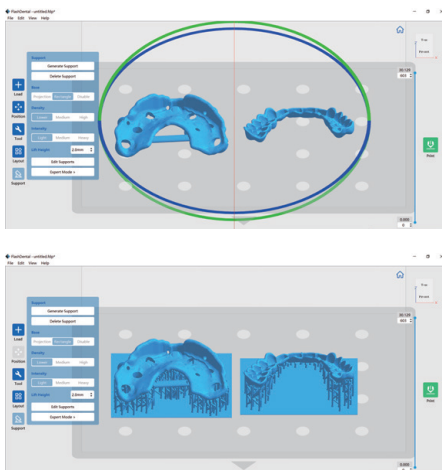


Professional slicing software - FlashDental

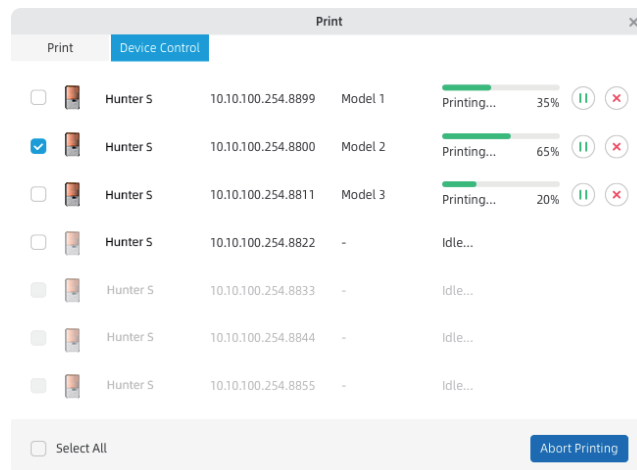
Totally compatible with dental design software, Concise interface, easy operation.

- Unique Functions**
- ◆ One click to generate professional supports, which can be added or deleted manually
 - ◆ Realize multi-device list control, with which users can monitor the printing status of multiple devices simultaneously in the same interface

One click Supports



Multi-device Collaboration Management



Advantages of Flashforge Dental Program

- ◆ The light intensity control system ensures a more refined print.
- ◆ The distortion algorithm ensures better product precision.
- ◆ Multiple resins meet more demands in application.
- ◆ The light intensity uniformity control system guarantees a perfect final product.
- ◆ The Gray compensation function ensures a smoother model surface.
- ◆ Shorten working hours and improve more than 50% production efficiency

Specialized material system to match various dental applications

1. Dental Restoration Application

Model R01 Dental Restoration Resin



- ◆ High surface hardness, stable performance;
- ◆ Good scratch resistance

Model R01 Specifications

Color	Orange
Viscosity	150 mPa·s
Density	1.18 g/cm ³
Tensile strain at break	15%
Shore hardness	85D
Flexural strength	52 MPa

Dental Crown Resin



- ◆ Wear-resistant, not easy to crack, high surface hardness;
- ◆ Smooth surface for easy post-processing.

Dental Crown Resin Specifications

Color	White
Viscosity	150-350 mPa·s
Density	1.05-1.25 g/cm ³
Tensile strength	30 MPa
Shore hardness	85D
Flexural strength	31 MPa

2. Surgical Guides

FHD1500 Surgical Guide Resin



- ◆ Good molding precision;
- ◆ Good biocompatibility;
- ◆ high mechanical stability;
- ◆ Sterilizable

FHD 1500 Specifications

Color	Transparent
Viscosity	180-220 mPa·s
Density	1.05-1.15 g/cm ³
Tensile strength	38 MPa
Shore hardness	80 D
Flexural strength	45 MPa

3. Orthodontic Application

FHD1400 Dental Model Resin Water Washable Resin



- ◆ It meets the needs of customers for light color and increases the dental productivity significantly;
- ◆ High molding precision;
- ◆ Smooth surface finish.

FHD 1400 Specifications

Color	Yellow
Viscosity	300-450 mPa · s
Density	1.04-1.10 g/cm ³
Tensile strength	43 MPa
Shore hardness	84 D
Flexural strength	52 MPa

Bracket Guide Resin



- ◆ High transparency, high strength, high molding precision;
- ◆ Not easy to deform and crack during use.

Bracket Guide Resin Specifications

Color	Transparent
Viscosity	1400-1450 mPa · s
Density	1.05-1.15 g/cm ³
Tensile strength	50 MPa
Shore hardness	86 D
Flexural strength	105 MPa

4. Gingiva Mask Application

Gingiva Mask



- ◆ Good elasticity and crack resistance;
- ◆ High stability, good molding precision

Gingiva Mask Resin Specifications

Color	Pink
Viscosity	350-550 mPa · s
Density	1.05-1.25 g/cm ³
Tensile strength	1.35 MPa
Hardness (Share A)	50-60
Tensile modulus	1.30 MPa

Full set of post-processing suits

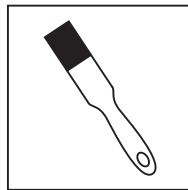
Professional equipment with efficient processing and curing. Improve the printing efficiency and ensure the success rate of product printing.



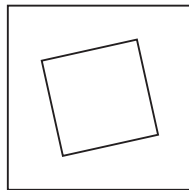
Ultrasonic Cleaning Machine



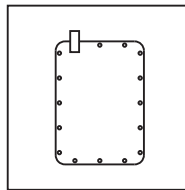
FC3 curing box



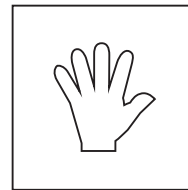
Brush



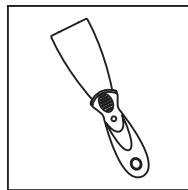
Dust-free cloth



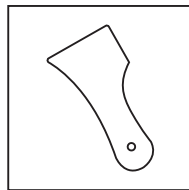
Vat film



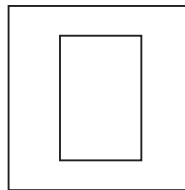
Gloves



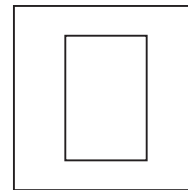
Metal scraper



Plastic scraper



Wrench accessory kit contents



Spare screw kits contents

Professional technical services

1. Make full use of 3D printing by training and service

Flashforge can provide the most advanced 3D printing technique and professional knowledge. With the help of our global service network, users could make full use of functions of 3D printing.

2. Wherever you are, we will be there for you.

FlashForge owns professional technique team, they possess knowledge and technique skills of DLP printing in different aspects, and they can provide professional service in many countries and areas immediately.

3. Worry-free Purchase

During the warranty period, we provide free repair and parts replacement services. (for damage caused by product quality problems).

Company Introduction& Honors

Established in 2011, Zhejiang Flashforge 3D Technology Co., Ltd. is one of the first-batch enterprises for R&D and production of professional 3D printing equipment and materials in China. As an R&D and manufacturing enterprise providing products and solutions of the whole industry chain, Flashforge presently owns ten series and dozens of products, and has established a complete industry chain covering 3D design software, 3D printers, 3D printing materials and 3D printing services; Products are divided into three levels: industrial level, commercial level and civil level, meeting the needs of different types of users. Meanwhile, Flashforge is in the leading position in technology R&D, channel construction and after-sales services and other aspects.!



Flashforge Enterprise Honored Titles

- ◆ National key high-tech enterprise.
- ◆ China additive manufacturing alliance council member.
- ◆ Provincial high-tech research and development center.
- ◆ Provincial grade-AAA credit unit.
- ◆ Provincial top 100 growth technological enterprise.
- ◆ Zhejiang manufacturing certificated enterprise.
- ◆ National key software enterprise.
- ◆ Provincial model enterprise of big data application.
- ◆ Provincial new industrial product.
- ◆ Zhejiang “invisible champion” enterprise.

Related Qualification Certificates

- ◆ ISO9001 quality management system certification ,ISO20000 ITSMS.
- ◆ ISO14001 2015 environmental management system certificate.
- ◆ National high-tech enterprise.





Follow Us

Zhejiang Flashforge 3D Technology Co., Ltd.

Address: No.518 XianYuan Road, Jinhua City, Zhejiang Province, China

Service Hotline: +86 579 82273989

support@flashforge.com