

# HUNTER

| DIGITAL LIGHT PROCESS  
| 3D PRINTER

**DIGITAL  
DENTISTRY  
SOLUTION**



# HUNTER

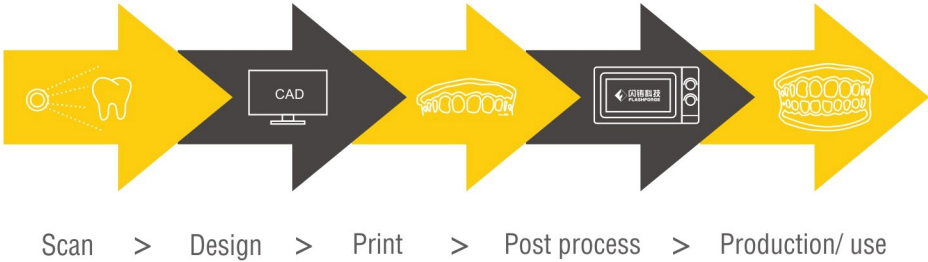
Flashforge has released a specialized, high precision 3D printer for dental users: the HUNTER DLP 3D printer. Its speed, accuracy and low operating costs make it a perfect choice for denture manufacturers, dental laboratories, and clinical use.

- ✓ The light intensity control system provides a more refined print
- ✓ The distortion algorithm ensures better model precision
- ✓ Multiple resins support satisfies more demands in application
- ✓ The light intensity uniformity control guarantees a perfect final product
- ✓ The Gray compensation algorithm ensure a smoother model surface



# PROFESSIONAL DENTAL DLP 3D PRINTER

## Complete Solution



## The Economical Printing Choice



Shorten working hours  
Improve more than 50% production efficiency

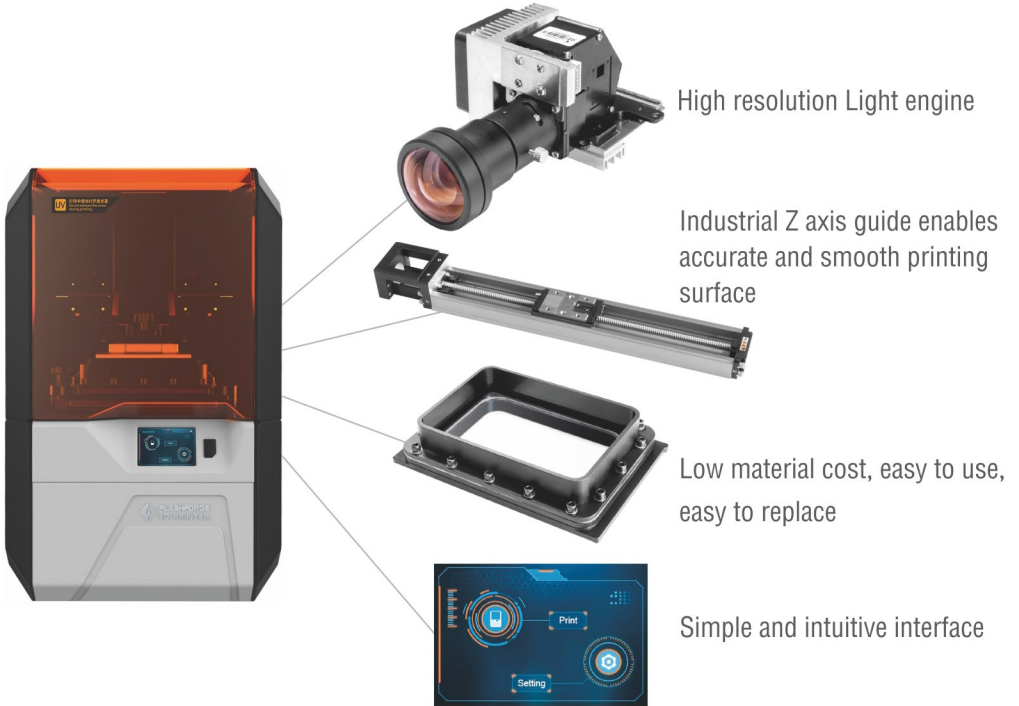


Compatible with multiple third party materials  
Providing a rich printing experience



High precision, showing more details

# SATISFY VARIOUS PROFESSIONAL NEEDS WITH ONE PRINTER



## Parameters

Build volume	4.72 x 2.66 x 5.91"/ 120 x 67.5 x 150mm
Pixel resolution	62.5μm/ 0.0625mm
Layer resolution	25μm/ 0.025mm    50μm/ 0.05mm
Light source	405nm LED
Connectivity	USB cable/ Flash Drive/ Wi-Fi
Input file type	Input: 3MF/ STL/ OBJ/ FPP/ BMP/ PNG/ JPG/ JPEG
Power	100-240VAC, 50-60Hz, 1A
Machine size	14.17 x 12.59 x 22.04"/ 360x320x560mm
Net weight	17.8kg

# Model-base And Model-die (Flashforge Resin)



## FHD 1100 Standard Resin

- High precision, clearly reflecting the status of the patient's oral cavity
- Maximum surface hardness and shape stability
- Stable structure with smooth surfaces

### FHD 1100 Specifications

Color	Gray	Tensile strength	42Mpa
Viscosity	350cps(25°C)	Shore hardness	85D
Density	1.14g/ cm <sup>3</sup>	Flexural strength	50Mpa



## FHD 1400 Dental Model Resin

- Satisfies client's needs in light color
- High precision
- Smooth surfaces
- Significantly improving dental work efficiency

### FHD 1400 Specifications

Color	Yellow	Tensile strength	43Mpa
Viscosity	350cps(25°C)	Shore hardness	84D
Density	1.10g/ cm <sup>3</sup>	Flexural strength	52Mpa

# WITH HUNTER, WE CAN PROVIDE MUCH MORE POSSIBILITIES

## Crown And Bridge Cast



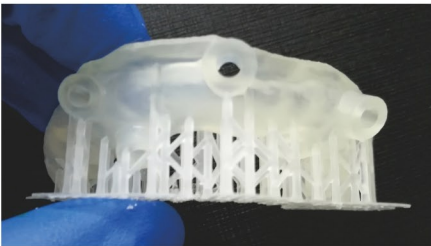
### FHD 1200 Castable Resin

- High precision
- Stable structure with smooth surfaces
- Low shrinkage
- Low burning residue
- Perfect casting quality

### FHD 1200 Specifications

Color	Green	Tensile strength	42-62Mpa
Viscosity	150cps(25°C)	Shore hardness	85D
Density	1.05-1.13g/ cm <sup>3</sup>	Flexural strength	49-58Mpa
Amount of combustion residual	≤0.1%, 700°C		

## Surgical Guide



### FHD 1500 Transparent Resin

- High precision
- High mechanical stability
- Good biocompatibility
- Can be sterilized

### FHD 1500 Specifications

Color	Transparent	Shore hardness	76D
Viscosity	220cps(25°C)	Flexural strength	84Mpa
Density	1.05-1.08g/ cm <sup>3</sup>	Flexural modulus	1515Mpa



# Third Party Resins

## Dental Implant

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### **FHD 1300 Dental Model Resin** **Color: Carnation**

- High precision, clearly reflecting the status of the patient's oral cavity
- Stable structure with smooth surfaces

## Dentona Resin

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### **Optiprint Splint Resin/ Surgical Guide Resin** **Color: Transparent**

- Biocompatibility certification
- Can be sterilized



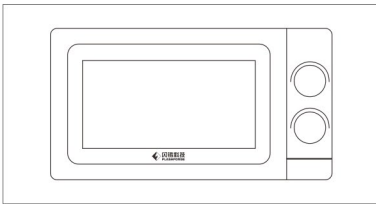
### **Optiprint Cast Resin** **Color: Purple**

- Crown and Bridge casting

# COMPATIBLE WITH VARIOUS RESIN, PROVIDING MORE APPLICATION OPTIONS



## Full Set Of Post-processing Tools

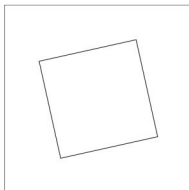


Post-curing Machine

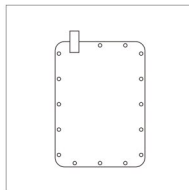
Exquisite post-curing machine  
Full cleaning kit



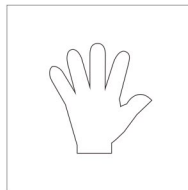
Rinse Bucket



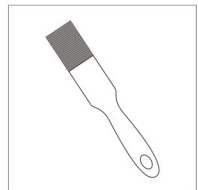
Soft Cloth



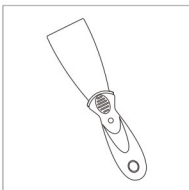
Vat Film



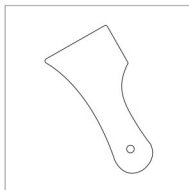
Vinyl Gloves



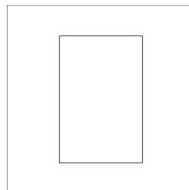
Brush



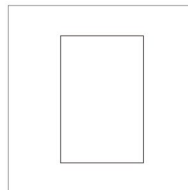
Metal Scraper



Plastic Scraper



Wrench Accessory  
Kit Contents



Spare Screw  
Kits Contents



# Professional Slicing Software



## FlashDLPrint

**01**

Professional dental slicing software

**02**

Compatible with all dental design softwares

**03**

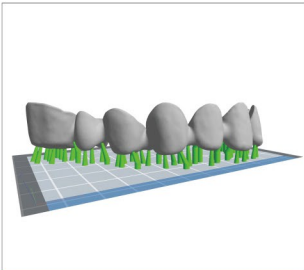
Easy operation

**04**

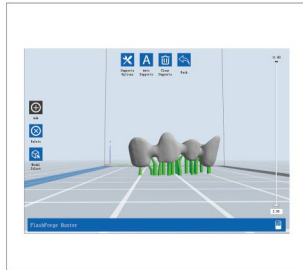
Smart support and manually add or delete

**05**

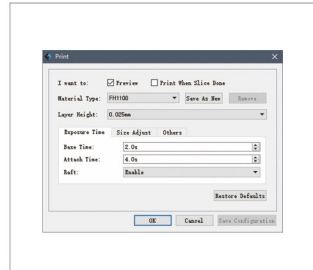
Open for Third-Party resin



**Smart Placement**



**One-click Supports**



**Built In Parameters**

# Professional Technical Services

- ▶ We provide maintenance and technical services, guaranteeing a pleasant printing experience
- ▶ We provide application videos, familiarizing you with digital applications faster
- ▶ For more product information and related experience, please visit the Flashforge website

# COMPANY INTRODUCTION

- The leading 3D printer brand offering 3D printing solutions.
- FDM printer world rank No.3 (according to 3D Printing Trends Q2-2017 \_3D Hubs).
- 10 product categories offering one stop service: 3D printer + filaments + software.
- 6 FDM printers production lines.
- 1 DLP printer production workshop.
- 1 industry printer production workshop.
- 7 filament production lines.
- 1 resin production workshop.
- All product CE, FCC, RoHS certificated.
- 348 employees with 64 R&D engineers + 65 Quality Engineers.



# COMPANY HONORS



- ▶ Flashforge has passed 5 major ISO certifications
  - ISO9001 Quality management system certification
  - ISO14001 series environmental management system certification
  - OHSAS18000 series occupational health and safety standards certification
  - ISO/IEC 27001: 2013 Information security management system
  - ISO/ICE 20000-1: 2011 Information technology service management system
- ▶ Awarded "Zhejiang Manufacturing" certification in 2018
- ▶ Awarded the title of "Zhejiang Famous Brand" in 2017
- ▶ Received the title of National High-Tech Company in 2015
- ▶ Received the title of Software Company in 2014
- ▶ Received UL Certification in 2014 and is the first desktop 3D printer manufacturer in the world to receive UL Certification
- ▶ Received software copyright certification and software product certification
- ▶ Owns more than 40 national patents
- ▶ All products have passed CE, FCC, and RoHS certifications
- ▶ China Additive Manufacturing Industry Alliance Director Unit

**Create a joyful 3D life with you !**

 **FLASHFORGE CORPORATION**

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