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you can
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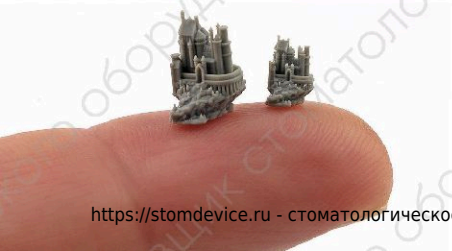
MARKI
Duplicator 8
PRODUCT BROCHURE



DUPLICATOR 8

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Technical Specifications	
Machine Type	DLP (Digital Light Processing) 3D Printer
Extruder System	405 nm UV lamp, DLP
Enclosure Type	Tilt Hood with UV safe glass
Max printable area	192*120*180mm
Software	Internal Wanhao Slicer , all STL file
UV Type	405nm UV light
Material supported	405nm Resin
Max printing speed	Up to 30mm/hour
Case Material	Steel Case Construction
Projection Size	8.9 inch LCD
Accuracy	X 0.075mm Y 0.075mm Z 0.035~0.1mm
LCD display	Front
Net Weight(kg)	22kg
Gross Weight(kg)	28kg
Packing size(cm)	470*460*575mm
Layer Thickness	35-100 micron
Certifcation	FCC,CE, CB
Plateform Holder	4 bolt adjusting system
Rail locking system	Steel bolt locking frame
Plateform	Aluminum building plate
Price Range	Varied for different country
Power supply unit	Inside 110 AND 250V(Auto Switch), 50/60Hz, 4.0A (input), and takes standard IEC cable
Typical application	• Prototyping, Modeling, Jewelry, Dentistry, Gaming and Art Applications. • Great for Professional use or DIY hobbyists.



WANHAO DUPLICATOR 8

ACCESS TO THE HIGH QUALITY OF PRINT

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QUICK INSTALLATION OF RESIN TANK

The slide-in system makes changing and positioning the resin vat for cleaning and replacing the FEP film easy- Just turn the lock down nuts to secure the vat in place and you are ready to go!







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In an effort to offset the costs of making a 3D printer, you'll see some manufacturers offer bouncy material tray systems that don't allow for a consistent exposure layer.

There are a variety of low-cost 3D printers on the market today that shortcut one of the most essential and basic features of a high-quality 3D print job: a fixed and flat exposure surface.

Essentially, these printers leave their customers, often first-time users of 3D printing technology, building parts on a trampoline: a flexible film that can bounce both up and down during build projects.

This cost-saving shortcut can significantly distort part accuracy and surface finish. It also increases the chances of a print failure, where the printed object doesn't stick to the build plate.



The quality of the material tray used during 3D printing can have a significant impact on the quality and accuracy of the final part, because light must travel through the bottom of the tray to cure an even layer of resin across the build platform. On the left, a used material tray from a budget 3D printer. On the right, a robust material tray from WANHAO that is made with WANHAO FEP film and an aluminum frame.

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SMART TOUCH SCREEN

Control real-time printing data

Progress/time/temperature/number of layers/model appearance



BETTER BUILD PLATFORM DESIGN

QUICK STEPS TO LEVELING

Just lower the platform down to screen with a piece of paper.Slight resistance when pulling the paper out then tighten the screws-leveling is done!

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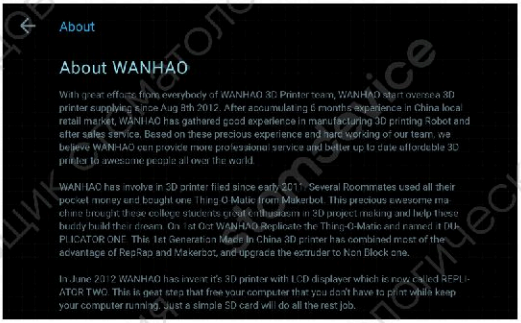
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THE D8'S OPERATION INTERFACE



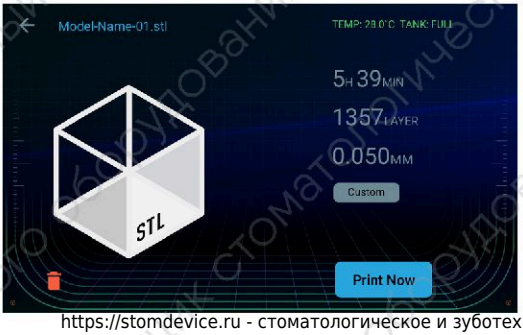


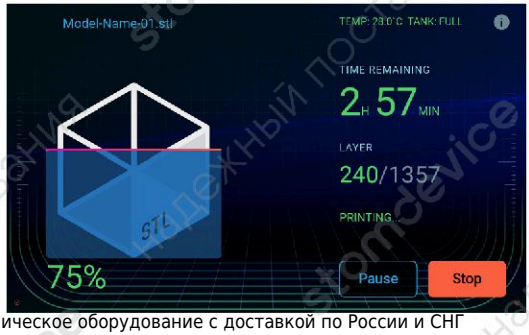












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8.9" 2K LCD MASKING SCREEN

2560*1600(2K) HD MASKING LCD GIVES VERY FINE PRINTING DETAILS DOWN TO FEW MICROMETERS.



AIR FILTRATION

INNER AIR-PURIFICATION SYSTEM WITH ACTIVATED CARBON

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1. Gantry Cap
2. Building Platform
3. Z Axis Rail
4. Resin Vat
5. Tuch Screen
6. USB Interface

7. Back Cover
8. Power Plug
9. Power Switch



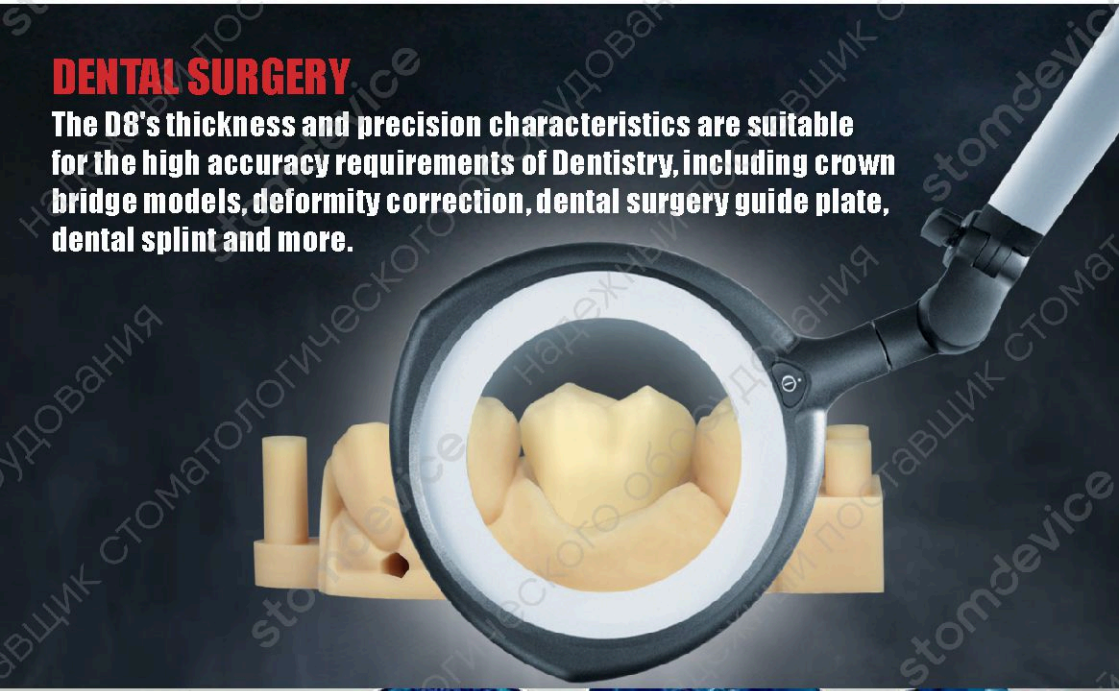
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DENTAL SURGERY

The D8's thickness and precision characteristics are suitable for the high accuracy requirements of Dentistry, including crown bridge models, deformity correction, dental surgery guide plate, dental splint and more.



PRINT BY BLUECAST



JEWELRY INDUSTRY

Personalized custom-made jewelry, commercially available models, or shared designs are easily produced with the Duplicator D8. It's large build area allows time saving and cost efficient mass production of models.

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DUPLICATOR 8

Precision 3D printing for Jewelry, Dental Industries and Hobbyists.

WANHAO offers solutions to the challenges facing today's jewelry, Dental manufacturers and hobbist. Our affordable 3D Printing technology enable access for more students and hobbist, improves product quality and reduces time-to-market. Integrating our highest resolution DLP LCD 3D Printers with our WANHAO Jewelry resin specialty material provides two options to a final product: direct casting of the pattern in the case of complex geometries or replace manually created silver masters for HTV and/or RTV molding.



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PRECISION AND ACCURACY
Stunning symmetry, exact wall thickness and extreme detail.

DIRECTLY CASTABLE
100% castability in gold, silver, platinum and all castable materials.

EASY, HIGH QUALITY PRINTS
Jewelry and Dental work benefit from less waste, and less failures.

SUPERIOR SURFACE FINISH
Pristine, smooth wax models require virtually no fnishing.

EASY TEAR OFF SUPPORTS
Auto-generated support easy to remove and sand smooth.

THE BEST RESIN CHOICE
Fast burn out, no thermal expansion and no ash or residue.

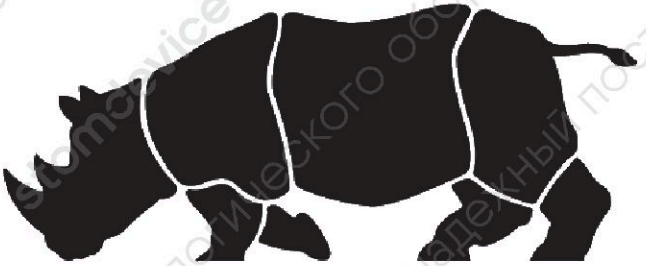
INTUITIVE 3D PRINTER SOFTWARE
Refined software makes design to print easier than ever before!

INCREASED PROFITABILITY
Create custom parts at efficient mass production cost.

DESIGN FREEDOM
Create and Innovate without limits, eclipse the competition.

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