

3D PLUS

JUST FOR PRODUCTION

4K DLP 3D Printer

4K is an industrial-grade large-format DLP-3D printer with large moulding space, high precision, fast printing speed, and good surface quality. As a 3D Plus high promotion-pushing model, it has become the best productivity tool with both large moulding space and high printing speed. High stability and continuous working ability are recognized by professional customers.

4K machine uses a professional-grade Ultra-high resolution projection optical engine with a resolution of 4k (3840×2160). The high uniformity of light ensures the stable moulding of each position in every moulding layer. With high stability LED UV light source (its service life can be more than 20,000 hours), it ensures the reliable moulding during the printing process, and multiple or large-size models can be printed, and 100 molds can be printed every 2 hours, or it can print 120 bracelets at one time.

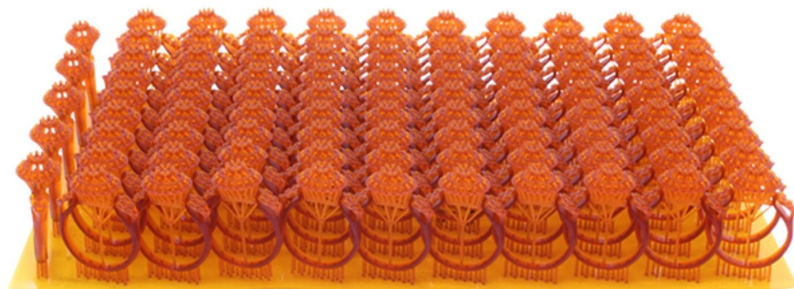
Digital mask technology is used to ensure the light uniformity of each optical engine. The edge gradient optimization algorithm is adopted to eliminate pixel stripes in the XY direction and step stripes in the Z direction. Use FEP release film and special release technology to make the release more light and smooth. Energy correction makes the usage of the machine more stable and reliable.

Newly-added Functions

1. Temperature and humidity control, free from environmental problems, printing more stable and reliable.
2. Z-axis motion pressure sensing device intelligently senses peeling force, adjusts lifting speed in time, reduces damage to printing parts.
3. Resin tank swing separation, buffer stripping process, improve printing stability.
4. Remote monitoring, printing process at a glance, timely control, reduce the time loss caused by printing failure.
5. Buzzing reminder give the printing result in time after printing.

Device Parameters

Brand	3D PLUS	
Model	4K	
Formation Space	192(X)x108(Y)x200(Z)/mm	
X/Y axis precision	50μm	
Z axis precision	25-50μm adjustable	
Device size	700x580x1860mm	
Weight	160kg	
Power Supply	100-120VAC 7A/50/60Hz 200-240VAC 3A/50/60Hz	
Work Environment	20-26°C, humidity<40% non-condensing	
Light source	LED UV	
Operation system	64 bit Win7 or above system	
Software	Totus Studio	
Format	.stl .slc	
Printing Speed Table		
X/Y resolution (μm)	Layer thickness (μm)	Printing height (mm)
50	50	15-20
50	35	12-15
50	25	8-10



2hr/plate



Multi-type Products



Faster, Bigger, Better, Create the future.

Jiangsu Totus Technology Co.,Ltd

ADD : NO. 8 , WEST LAKE ROAD, WUJIN HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, CHANGZHOU ,JIANGSU CHINA
TEL : +86-519-88011818/86-18112582262 E-mail:cn@totustec.com

CHINA'S TOTAL DISTRIBUTION:

3D PLUS PRINTING COMPANY
ADD: No. 150, YIN PING ROAD, PANYU DISTRICT, GUANGZHOU, CHINA
TEL : +86-20-84666399 86-13928789466 E-mail: cn@3dplus.co

