

Industrial Grade-Desktop DLP 3D Printer - Plus 1



Plus 1 is an industrial grade desktop DLP-3D printer with high precision and good surface quality. As the 3D Plus leading High precision model, after many technical upgrades, it has been widely used in the jewelry industry and has become an indispensable productivity tools. The super high stability and continuous working ability have been recognized by customers.

Plus1 uses a professional-grade high-resolution projection optical engine with a resolution of 1080p (1920×1080). 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 reach 10,000 hours), it ensures the reliable moulding during the printing process. The printing size is 96 (X) × 54 (Y) × 100 (Z) mm, and multiple or large-size models can be printed, and 30 molds can be printed every 3 hours. The X/Y moulding accuracy is 50μm, the Z-axis layer thickness is 0.025-0.05mm, and the printing speed is 6-12mm height per hour.

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.



Brand	3D PLUS	Light source	LED UV	
Model	Plus 1(L90)	Scanning mode	DLP® Texas Instruments Inc.	
Formation Space	96x54x100mm	Operation system	32 bit Win7 or above system	
X/Y axis precision	50μm	Software	3D Plus Studio	
Z axis precision	25-50μm adjustable	Format	.stl .slc	
Device size	420x360x880mm	Printing speed table		
Weight	57kg	X/Y resolution (μm)	Layer thickness (μm)	Printing height (mm)
Power Supply	100~120VAC 7A/50/60Hz 200-240VAC 3A/50/60Hz	50	50	9-12
T&H	20~26°C, Below40%	50	25	6-8



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