

Desktop Ultra Fast DLP 3D Printer - Plus 6



Plus 6 is a desktop ultra-fast DLP-3D printer with high precision and good surface quality. The machine is low in cost and easy to operate. It is suitable for designers and small processing plants. Using an ultra-fast resin material, one board of molds can be completed in 40-60 minutes, convenient for designers to quickly verify. And it can also use castable resin materials, matched with small casting equipment, to produce jewellery in small quantities.

Plus 6 uses a professional-grade high-resolution projection optical engine with a resolution of WXGA(1280×800). 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 68(X)×42.5(Y)×100(Z)mm, and 15 molds can be printed every 3 hours. The X/Y moulding accuracy is 53µm, the Z-axis layer thickness is 0.025-0.05mm, and the printing speed is 40-60mm 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 6(L60)	Scanning mode	DLP® Texas Instruments Inc.	
Formation Space	68x42.5x100mm	Operation system	32 bit Win7 or above system	
X/Y axis precision	53µm	Software	3D Plus Studio	
Z axis precision	25-50µm adjustable	Format	.stl .slc	
Device size	260x260x580mm	Printing speed table		
Weight	19kg	X/Y resolution (µm)	Layer thickness (µm)	Printing height (mm)
Power Supply	100~120VAC 7A/50/60Hz 200~240VAC 3A/50/60Hz	53	50	40-60
T&H	20~26°C, Below 40%	53	25	25-40



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