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Nobel 1.0 Advanced



Now with improved resolution, XYZprinting's advanced, professional-grade 3D printer, the Nobel 1.0A represents the most user-friendly and cost-effective SLA technology on the market.

Print in exquisite detail

Using a ultra-violet laser to cure a photosensitive resin, the Nobel 1.0A is able to achieve a print resolution of 25 microns for astounding accuracy, whether capturing detailed facial expressions or the fur on an animal.

Unlike traditional 3D printers, the technology also allows for floating parts, such as the rigging on a ship, and intricate designs without the need for printed supports, resulting in a clean finish.

Plug and play

There's no assembly required, or adjustments to make – the Nobel 1.0A comes ready to plug in and go.

The Nobel 1.0A also incorporates an improved auto-refill system, which checks resin levels and tops up as needed, making the printing process easier than ever before.

Go big

At a maximum build volume of 5" x 5" x 7.9", the Nobel 1.0A offers a printing area twenty-five per cent larger than any other desktop SLA 3D printer on the market.

SPECIFICATIONS

Printing Spec.	Description
Technology	SL (Stereolithography Apparatus)
Maximum Printing Area (WxDxH)	5 " x 5 " x 7.8 " / 12.8 x 12.8 x 20 cm
X/Y Axis Resolution	0.13mm (130 microns)
Layer Thickness (Z Axis Resolution)	0.025mm (25 microns) 0.05mm (50 microns) 0.1mm (100 microns)
Printing Material	Photopolymer Resin
Dimension	
Dimension(WxDxH)	11 " x 13.2 " x 23.2 " / 28 x 33.7 x 59 cm
Weight	29.7 lbs / 13.5 kg
Display	
Panel Type	2.6" FSTN LCM
Language	Multi language
Connectivity	USB 2.0 / USB Stick
Software	
Printing / File Types	XYZware / .stl, XYZ Format (.3wn, .nkg)
Operating System	Windows 7 and above / Mac OS X 10.8 and above
Hardware	
Hardware Requirements	32/64-bit compatible PCs with 4GB+ DRAM, 1GB+ GRAM (for PC) 64-bit compatible Macs with 4GB+ DRAM, 1GB+ GRAM (for Mac)