nexa3D®

XiP

Ultrafast Desktop Resin 3D Printer

Powered by Nexa3D's proprietary Lubricant Sublayer Photo-curing (LSPc) Technology, breaking the speed barrier in 3D printing

- Proprietary Everlast-2 Membrane delivers enhanced part quality at superior speed

- Generous 4.8L build volume (195 x 115 x 210 mm)

- Modular, 4K resolution mono LCD and advanced UV light engine combine for uniform and consistent prints

- Open materials platform for ultimate accessibility

- Quick-change resin system to easily swap materials

- Sleek industrial design with robust components and consumer-grade experience

Intelligent NexaX Software

Everlast-2 Membrane

Diverse Materials

Wash+Cure Post Processing

nexa3D®

XiP
Your Complete Desktop Solution

> Intelligent NexaX Software enables intuitive workflow and access to open materials platform

> With XiP, you really can have it all - speed, productivity, quality, ease-of-use, and affordability

> All-in-one automated post processing system for washing and curing parts

Desktop printing without compromises.

Printer Specifications	
Technology	• Lubricant Sublayer Photo-curing (LSPc); Everlast-2 membrane
Build Volume	• **X:** 195 mm (7.7"), **Y:** 115 mm (4.5"), **Z:** 210 mm (8.3") • 4.8 liters print volume
Light Engine	• 405 nm LED array w/ collimating lens • Modular 9.3" Monochrome 4K LCD Mask
Resolution	• 0.050 mm (.002") / 0.100 mm (.004") / 0.200 mm (.008") • Pixel Size: 52µm
Resin System	• Automatic Gravity Feed Cartridge w/ Vat Level Sensing • Smart NFC bottle and resin vat/membrane • Auto electromagnet vat clamping; quick release build plate • Stackable vat storage • Built-in spill containment
Hardware	• Billet aluminum enclosure • 420mm (16.5") W x 350mm (14") D x 530mm (21") H • 5.5" Color HD OLED Touchscreen Display • Z-Stage • Rigid parallel linear rails • Recirculating ballscrew • Ethernet / USB / Wi-Fi connectivity
Software	• NexaX 2.3 Basic or NexaX 2.3 Pro for XiP • Supported File types: .stl, .obj • Operating Systems: Windows 10/11, MacOS *(coming soon)*
Operating Environment	• Electrical Input: 100-240VAC, 50/60Hz • Ambient Temperature: 20-25 degrees C • Humidity: Below 70%

Performance Resins

Nexa3D partners with the world's leading material providers - including Henkel, BASF, and Keystone - to offer an expanding range of high-performance resins fully validated for XiP to unleash a wide range of print applications.

Wondering what material is best for your application? Check our our material selector to learn more about Nexa3D material characteristics and applications.

Material Selector

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