

# nexa3D<sup>®</sup>

# 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	<ul style="list-style-type: none"> <li>Lubricant Sublayer Photo-curing (LSPc); Everlast-2 membrane</li> </ul>
Build Volume	<ul style="list-style-type: none"> <li>X: 195 mm (7.7"), Y: 115 mm (4.5"), Z: 210 mm (8.3")</li> <li>4.8 liters print volume</li> </ul>
Light Engine	<ul style="list-style-type: none"> <li>405 nm LED array w/ collimating lens</li> <li>Modular 9.3" Monochrome 4K LCD Mask</li> </ul>
Resolution	<ul style="list-style-type: none"> <li>0.050 mm (.002") / 0.100 mm (.004") / 0.200 mm (.008")</li> <li>Pixel Size: 52µm</li> </ul>
Resin System	<ul style="list-style-type: none"> <li>Automatic Gravity Feed Cartridge w/ Vat Level Sensing</li> <li>Smart NFC bottle and resin vat/membrane</li> <li>Auto electromagnet vat clamping; quick release build plate</li> <li>Stackable vat storage</li> <li>Built-in spill containment</li> </ul>
Hardware	<ul style="list-style-type: none"> <li>Billet aluminum enclosure</li> <li>420mm (16.5") W x 350mm (14") D x 530mm (21") H</li> <li>5.5" Color HD OLED Touchscreen Display</li> <li>Z-Stage               <ul style="list-style-type: none"> <li>Rigid parallel linear rails</li> <li>Recirculating ballscrew</li> </ul> </li> <li>Ethernet / USB / Wi-Fi connectivity</li> </ul>
Software	<ul style="list-style-type: none"> <li>NexaX 2.3 Basic or NexaX 2.3 Pro for XiP</li> <li>Supported File types: .stl, .obj</li> <li>Operating Systems: Windows 10/11</li> </ul>
Operating Environment	<ul style="list-style-type: none"> <li>Electrical Input: 100-240VAC, 50/60Hz</li> <li>Ambient Temperature: 20-25 degrees C</li> <li>Humidity: Below 70%</li> </ul>

### 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.



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