



## See what the World's Fastest Industrial 3D Printer can Do For Your Business

### NXE 200

With an generous 8.5L build volume measuring 10.8 in x 6.3 in x 7.8 in (27.5 cm x 15.5 cm x 20 cm), intelligent optimization, and Nexa3D's revolutionary patented LSPc technology, the NXE 200 is the perfect printer for any application.

### 6.5x Faster Print Speed

The NXE 200 features faster print speeds without sacrificing accuracy to expedite your production workflow. LSPc technology is 6.5x faster than competing DLP and LCD technologies and expedited workflows allow for easy and fast printer prep and post-processing.

### Manufacturing Ready + Modular Design

In addition to our highly reliable LSPc technology, the NXE 200 is crafted to be completely modular in design for easily interchangeable parts and technology upgrades eliminating hardware obsolescence.

### Next-Gen Software + Predictive Service

Nexa3D's internally developed intelligent software connects our hardware and materials together into a powerful, user friendly system while providing a new era of predictive and prescriptive service. It's as simple as pressing CTRL+P.

### Maximize Part Quality and Yield

The NXE 200 is the next scalable manufacturing solution with additional washing and curing units capable of handling even the largest 8.5L parts on a single tray making the NXE 200 the most advanced printing solution in its class. The washing and curing units are also capable of handling both single large prints and a combination of smaller parts with multiple trays to create finished parts in a matter of minutes in what would normally take hours with today's available technologies reducing labor costs and post processing times.

### Smart and Connected

Our software tools, include validated workflows that are coded into our digital thread and include intuitively guided print prep and execution system. Machine learning and vision provide adaptive print process and real-time monitoring for optimal yield and quality. Our validated workflows include material and geometry specific prescribed wash and cure cycles.

[Book your live demo now](#)  
[Get your sample part here](#)

## Printer Hardware

<b>Build Volume (xyz)</b>	275 x 155 x 200mm (10.8 x 6.1 x 7.8 inch)
<b>Pixel Pitch</b>	76.5 μm (0.0030 in)
<b>Build Materials</b>	UV Curable Plastics: xGPP-Blue, xGPP-Transparent, xGPP-Gray, xABS-HT-Orange, 3843-ABS-Black, xCE-Black, xMED, xCAST
<b>Max Resolution</b>	4K (3840 x 2160)
<b>Wavelength</b>	405 nm
<b>Material Packaging</b>	5kg jerry can

Operating Environment	
<b>Air Temperature</b>	20-25°C (60-80°F)
<b>Electrical</b>	NA Version : 100-120 VAC, 50/60 Hz, Single Phase, 8A (NEMA 15-5R) EU Version: 210-230 VAC, 50/60 Hz, Single Phase, 4A (CEE 7/7)
<b>Humidity</b>	RH below 70%

Dimensions (WxDxH)	
<b>3D Printer crated</b>	990 x 990 x 1905mm (39 x 39 x 75 inch)
<b>3D Printer uncrated</b>	710 x 710 x 1675 mm (28 x 28 x 66 inch)

Weight	
<b>3D Printer crated</b>	250 kg (550lb)
<b>3D Printer uncrated</b>	160kg (350lb)
<b>Materialise MagicsPrint for Nexa3D Software</b>	Full featured toolset including auto aorientation and nesting, auto support generation, mesh repair wizard, and part editing
<b>NexaX v1 Software</b>	Easy build processing and Remote Printer Management: submission and queues, job statistics.
<b>Connectivity</b>	GigaBit Ethernet RJ-45 & WiFi Interface
<b>Client Hardware Recommendation</b>	<ul style="list-style-type: none"> <li>- 3 GHz multiple core processor with 16+ GB RAM</li> <li>- NVIDIA GTX 1060 or AMD Radeon RX 480 or better graphics with 4+ GB RAM</li> <li>- 3 GB available HDD space, additional 10GB for files / cache</li> </ul>
<b>Client Operating System</b>	Windows 10, 64bit
<b>Input Data File Formats Supported</b>	.stl, .3mf
<b>Post-Processing</b>	Ships with basic part finishing tools accessory kit. <ul style="list-style-type: none"> <li>- Max build requires wash basin &amp; cure chamber with 300 x 180 x 480mm (12 x 7 x 19 in) capacity</li> <li>- Requires UV curing unit capable of &gt; 2mW/cm<sup>2</sup> and 60°C (ideal 20mW/cm<sup>2</sup> and up to 120°C)</li> </ul>

Note: Not all products and materials are available in all countries – please consult your local sales representative for availability

## Performance Photoplastics

Properties	xGPP-Translucent	xGPP-Gray	xCE- White	xCE Black	3843-ABS-Black	xMED412
<b>Viscosity at RT (cps)</b>	1063	364	409	386	826	637
<b>Color</b>	Clear	Gray	White	Black	Black	Clear
<b>Liquid Density</b>	1.06	1.12	1.12	1.12	1.16	1.06
<b>Package Size</b>	5kg	5kg	5kg	5kg	5kg	5kg
<b>Layer Thicknesses</b>	100μm	50, 100μm	100, 200μm	100μm	100μm	100μm
<b>Tensile Strength, Ultimate (MPa) ASTM D638</b>	60	30	80	69	60	38
<b>Elongation at Break</b>	5.5%	4%	8%	8%	47%	141%
<b>Flexural Strength (MPa) ASTM D790</b>			135	135	80.6	37.6
<b>Flexural Modulus (MPa)</b>			3250	3250	1860	1022
<b>Hardness (shore D) ASTM D2240</b>	88	84	90	89	86	74.7
<b>Impact, Notched Izod (J/m) ASTM D256</b>			20	20	53.8	42.6
<b>Heat Deflection Temperature @ 0.45 Mpa ASTM D648</b>	61°C	59°C	120°C	120°C	80°C	40°C
<b>Glass Transition (Tg)</b>		93°C	129°C	128°C		
<b>Water adsorption</b>	0.4%		0.38%	0.63%	2.35%	0.36%
<b>Description</b>	Prototyping Material	Aesthetic models	High temperature & strength	High temperature & strength	High Toughness	Medical Grade

**Warranty/Disclaimer:** The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use. Nexa3D makes no warranties of any type, express or implied, including, but not limited to, the warranties of merchantability or fitness for a particular use.