

Ultrafast Industrial Resin 3D Printers

With a print speed up to 24 vertical cm per hour, Nexa3D industrial resin 3D printers can print an entire build volume in under two hours.

Isotropic parts

A powerful light engine with 7K LCD provides high resolution and detailed parts that are dimensionally accurate. A 46 μm pixel size enables fine details and smooth surfaces.

Industrial capacity without the footprint

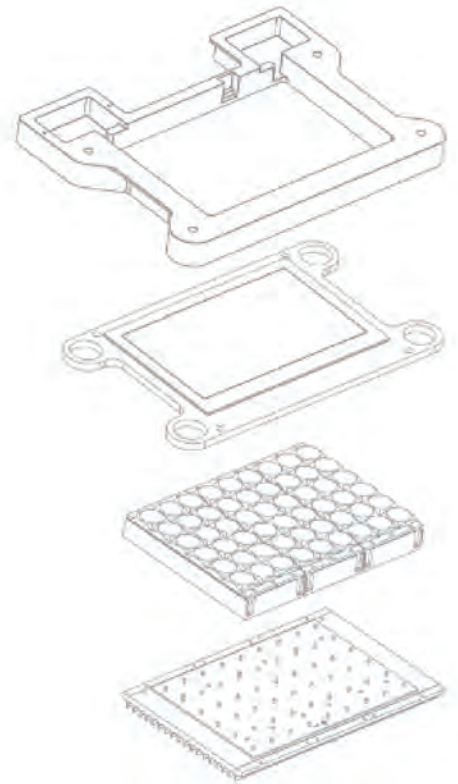
A solid billet aluminum unibody frame provides strength, durability and z-stage stability for reliability.

Production made simple

An advanced sensor suite with environmental monitoring helps ensure print consistency. Adaptive speed control optimises process parameters based on part geometry and material choice. Closed-loop z-stage with smart-homing, including collision avoidance and debris detection, enables consistent prints.

Durable and strong materials

30+ materials and an open platform system. Engineering resins provide production-grade strength, durability and longevity. Modelling materials provide economical prototyping. Flexible materials will bend, stretch and flex like silicone or rubber parts.



Speed Runs in the Family

Nexa3D's family of resin 3D printers are powered by LSPc (Lubricant Sublayer Photo-curing) technology to provide unmatched speed without compromising part quality and performance.

*Calculated using xCERAMIC resin at 200 µm layer height

Printer

XiP Pro

NXE400 Pro

Build Volume

292 x 163 x 410 mm

274 x 155 x 400 mm

Technology

LsPc 7K

LsPc 7K

Vertical Speed (full build plate)*

24 cm/hour

24 cm/hour

Print Time (full build volume)*

1 hour 41 minutes

1 hour 41 minutes

Z Resolution Layer Height

25 µm - 200 µm

25 µm - 200 µm

XY Resolution

46 µm

46 µm

Product Dimensions

622 x 447 x 895 mm

710 x 710 x 1740 mm

Product Weight

80 kg

160 kg



Post Processing

xWASH and xCURE are post-processing units for washing and curing your large builds, with an average combined time of approx. 40 minutes. The xWASH has a capacity of 36l and the xCURE can accommodate up to three build plates at once (approx. 16l in volume).

