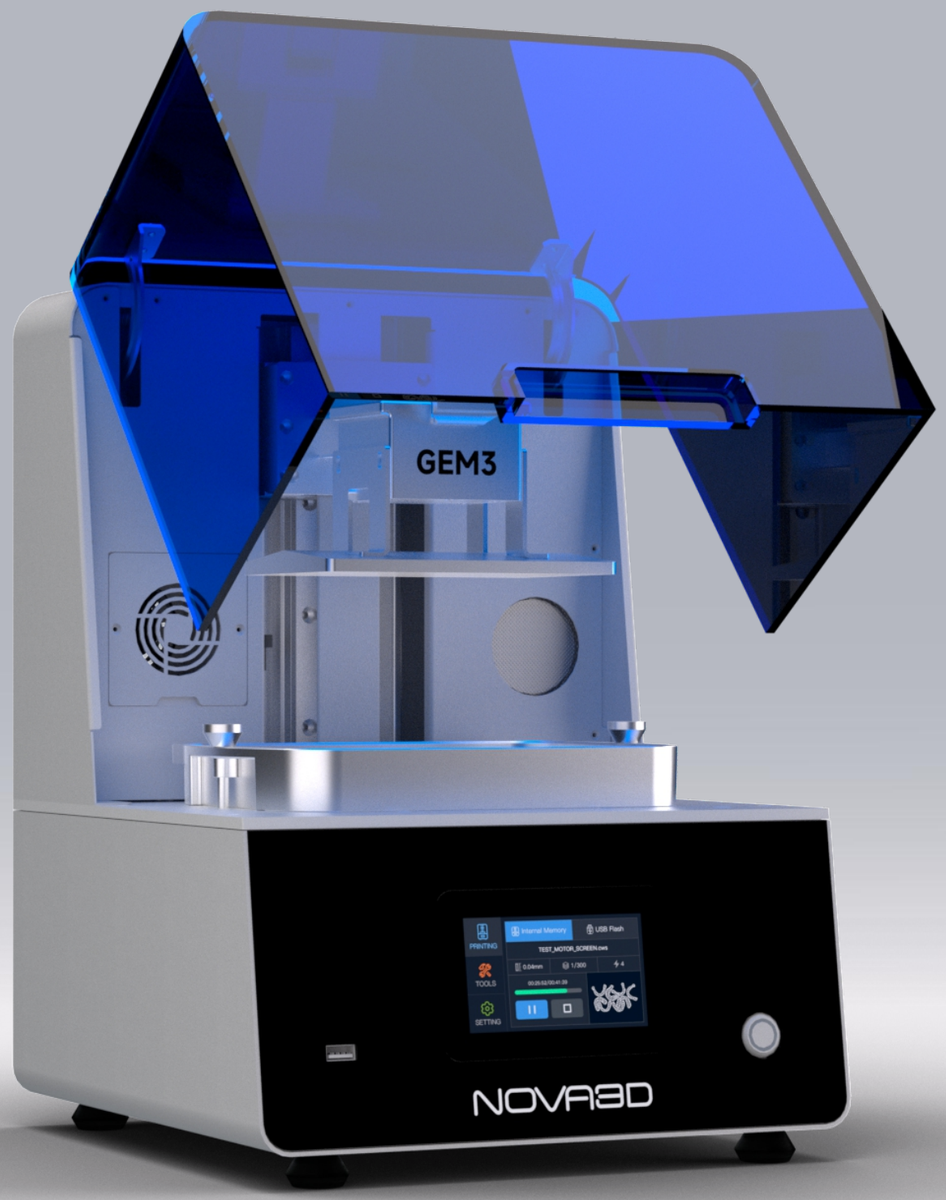
GEM3 10K 3D Printer

Find details with NOVA3D

NOVA3D



* Ultra-HD Exposure System: 9072×5120 ultra-high resolution, micron-level 17×17μm imaging units ensure high-fidelity reproduction of complex models.
* UV Optical Uniformity Optimization: Patented optical module ensures consistent full-area exposure.
* Multi-Angle Hinged Lid: Hinge structure allows lid suspension at any angle for convenient operation and space efficiency.
* Smart Temperature Control: Closed-loop system maintains a stable environment, reducing shrinkage and warping.
* Activated Carbon Filtration: Replaceable honeycomb filter adsorbs VOCs for odor-free printing.
* High-Precision Ball Screw: Industrial-grade C5 ball screw ensures long-term stability.

Specification:

Technology	MSLA/UV LCD	
Light Source System	Light Source	7th-gen COB + Light homogenizer 4th-gen integrated air-cooling system
	Optical Power Intensity	5000uw/cm²
	UV Wavelength	405nm
Exposure System	Resolution	9072*5120
	Pixel Size	17*17um
	Build Volume	154*87*120mm
Speed	Layer Thickness	20um~200um(20μm increments)
	Printing Speed	70mm/h
Motion System	Lead Screw	Industrial ball screw
	Linear Rails	linear rails
	Motor	Industrial Stepper Motor
Power	Power Supply	External adapter
	Input	100-240V~ 50/60Hz 3A
	Output	24VDC/6.25A
3D Printer	Printer Dimensions	335*315*436mm
	Packing Dimensions	630*470*430mm
	Net Weight	19.3kg
	Gross Weight	22kg
	Operating Temp	20 – 30°C (68 – 104°F)
Software	Slicers	ChituBox, NovaMaker
	File Format	.stl, .obj
	Supported OS	Mac OS X / Windows