

Fabrica

GIGA SERIES

Micro-Fabrication Workshop

Focus on your passion for
innovation

Fabrica Giga series provides unparalleled micron level precision and captures the most intricate structural details of any design, making it the ideal flexible solution for research & development, and prototyping.



The Finest. From Every Dimension

NANODIMENSION

The Fabrica Giga Series

The Fabrica Giga series is the perfect entry solution for cutting edge innovators to rapidly develop high precision micro-parts. Accelerate innovation by leveraging the Fabrica Giga's multi-dimensional flexibility, accuracy, and quality.

Specification	Giga 250vx	Giga 25vx
Build Volume	6 mm x 9 mm x 45 mm	12 mm x 18 mm x 45 mm
XY Resolution	3.8 μm	7.6 μm
Tolerance Accuracy*	+/- 2 μm	+/- 5 μm
Layer Thickness	Down to 1 μm	
Surface Roughness (Ra)	0.4 μm	0.9 μm
Weight (Net)	165 kg	
Dimensions (W x D x H)	60 cm x 52 cm x 160 cm	
Operating Temperature/ Humidity	18 - 25°C / 30%	
Power	100 - 240V 500W	
Wavelength	385 nm	
Materials	Wide selection of Fabrica materials and external resins (refer to safety and technical data sheets)	
Regulatory Compliance	CE	

*Geometry dependent

Materials Matter

The versatility of Fabrica's micro-manufacturing systems to support a broad range of applications relies on our wide selection of materials. By selecting the material with the right mechanical and thermal properties, you can ensure that each component is optimized for its purpose.

In addition to our Fabrica Group's line of precision materials, The Fabrica Tera system allows for the printing of a wide range of external resins



Contact Us

sales@nano-di.com
www.nano-di.com

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