



NANOFABRICA

3D PRINTERS FOR ULTRA PRECISE APPLICATIONS

Fast and Cost Effective
manufacturing parts



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Digital Mass Manufacturing of Precision Parts is Made Possible

Tera 250 combines semiconductor lithography and advanced optics together with 3D printing. The system equips you with ultra precise high performance parts ready within single hours at a fraction of their current cost. Nanofabrica sets a new standard of precision mold inserts. Thanks to our ceramic reinforced material you can reduce lead times from weeks to days and reduce costs substantially.

Combining Precision Engineering with Additive Manufacturing Advantages



PRECISION

1 micron resolution over
50*50*100 mm³



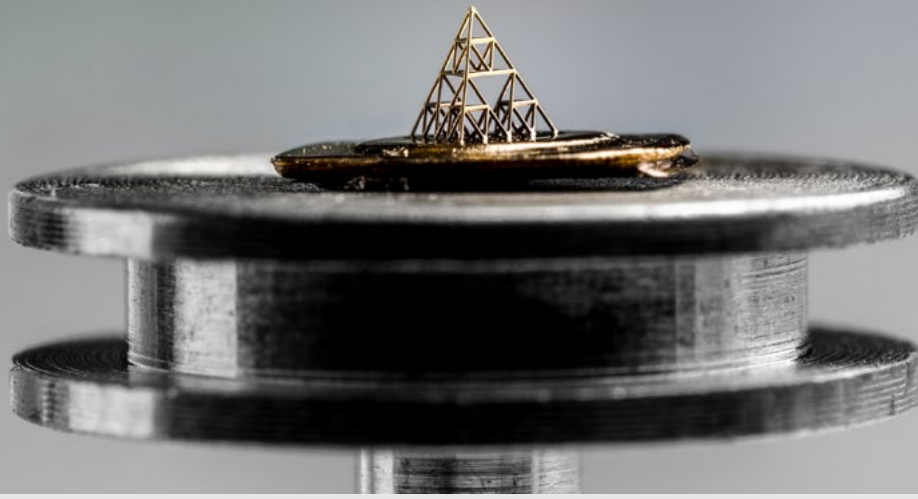
DIGITAL

short runs, customization,
limitless design, no setup time



INDUSTRIAL

remove need for complex
assembly and drastically reduce
cost of complex parts



Your next project or development could be significantly faster and cost effective using our technology.

Tera 250 combines semiconductor lithography and advanced optics together with 3D printing. The printer reaches a resolution of 1 micron over a relatively huge build volume of 50*50*100 mm. This way you can either print one large and ultra precise part or you can fit in many tiny parts together on the build plate and complete manufacturing of hundreds of parts over one night shift. And that gives you a mass manufacturing capability!

Technical Specifications

Resolution	1.9 micron
Tolerance	1 micron
Surface Roughness (RMS)	0.8 micron
Layer Thickness	2 micron
Build Speed	1 mm Height Per Hour
Build Volume	50mm x 50mm x 100mm
Weight (Net Weight)	450 kg
Weight (Gross Weight)	550 kg
Dimensions	140cm X 90cm X 170cm
Operating Temperature / Humidity	24-30 °C / 40-60%
Power	100-240 V - 3KW
Technology	MPT (Micro Projection Technology)

* All materials' properties refer to a post cured state | properties vary depending on post processing procedure

Contact us at info@nano-fabrica.com and we will get back to you ASAP