anisoprint

ANISOPRINTING is the technology for manufacturing optimized composite structures through continuous fiber 3D printing



HARDWARE: DESKTOP 3D PRINTER COMPOSER

Compared to analogues:

- → printing reinforced lattice structures: lower weight, price and production time
- → open material system any plastic with processing temperature up to 270°C as a matrix (PETG, ABS, PC, PLA, PAs, etc)
- → lower porosity higher strength
- → 30-50% lower material printing costs
- → complete control over fiber path generation
- → 2 sizes: A4 297×210×147мм & A3 420×297×210мм build area



MATERIAL: COMPOSITE CARBON FIBER (CCF) and COMPOSITE BASALT FIBER (CBF)

Plastic reinforced with CCF or CBF:

- → up to 20 times stiffer and stronger than normal plastic
- up to 7 times lighter than steel and strong as stainless steel
- → strength- and stiffness-to-weight ratio is more than 5 times higher than for 2024-T351 Aluminum



SLICING SOFTWARE: AURA

- → for FFF and CFC printers
- → support for STL and CAD formats: .stp, .3ds, .obj
- model saved on a local PC
- → G-code generalization, geometry-view
- → separate setting and combining of printers, plastics and profiles
- → printing different parts with different materials
- available for free

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STOP METAL THINKING→START ANISPRINTING

CONTINUOUS FIBER 3D PRINTING FOR INDUSTRIAL-GRADE PARTS. STRONGER, LIGHTER AND CHEAPER THAN METAL OR NON-OPTIMIZED COMPOSITES.

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