

FUNMAT PRO 410

Smart Industrial Level 3D Printer



Smart printing

Smart dual nozzles 3d printing solution, automatic leveling, jam warning, monitor the printer remotely.

Advanced thermal design

Heated chamber, nozzles extruded temperature up to 500°C (932°F), sealed and dehumidified filament drawer, liquid cooling system.

Extensive compatible filaments

Capable of processing a wide variety of high-performance filaments such as PEEK, PEKK, PC, ABS and a number of carbon fiber-reinforced composites.

Sealed filament drawer

Overall sealing design, built-in hygroscopic molecular sieve, reusable, spools * 2, with temperature and humidity monitoring, maintains below 10% RH of over 15 days.



FUNMAT PRO 410 is an industrial-grade FFF system characterized by its high-performance 3D printing capabilities. Combining a respectable build volume with excellent print quality, the system is a great choice for professional and industrial users looking to 3D print high-performance parts with engineering-grade materials.

Technical Parameters

Model	FUNMAT PRO 410
Printing Technology	Fused Filament Fabrication (FFF)
Machine Size	728×684×1480mm (28.7×26.9×58.3in)
Build Volume	305×305×406mm (12×12×16in)
Build Platform	PI Sheet Heating+Ceramic Glass
Leveling	Automatic Leveling
Layer Thickness	0.05-0.5mm
Max Travel Speed	XY: Max. 300mm/s
Printing Nozzles	2 Printing Nozzles Without Scratching, Able to Move up and Down
Extruder Temperature	Max. 500°C/932°F
Platform Temperature	Max. 160°C/320°F
Chamber Temperature	Max. 90°C/194°F
Filament Drawer	2 Spools, overall sealed design with molecular sieve dehumidification, built-in temp. and hum. monitoring sensor.
Input File Type	.Stl/.Obj/.X3d/.3mf
Filament Diameter	1.75mm
Position Resolution	XY: 16μm Z: 1.6μm
Smart Monitor & Control	Filament Jam Warning/Filament Absence Warning/Power Failure Recovery/Liquid Cooling System/Auto-Cleaning Nozzles/Over Heat Protection
Safety Certification	FCC/SGS/CE
Connectivity	WiFi/Ethernet/USB
Supported Materials*	PEEK/PEEK-CF/ PEEK-GF/PEKK/PC/PC Alloys/PA/PA-CF/ASA/ABS/HIPS/PETG/PLA/PVA/Carbon Fiber-Filled/Glass Fiber-Filled/ESD-Safe, etc.

*results of part printing may vary depending on material and/or design and size of the printed part