

FUNMAT HT

Entry Level Desktop Industrial 3D Printer

Advanced Thermal Design

Heated Chamber Up to 90°C,
Hotend Up to 450°C

Smarter Design

Automatic Leveling, Filament
Absence Warning

Over 20 Functional Materials

Able to Print PEEK, PEKK, ULTEM (PEI),
PPSU and other Functional Materials



Technical Parameters

Model	FUNMAT HT
Printing Technology	Fused Filament Fabrication (FFF)
Build Volume	260 × 260 × 260mm (10.2 × 10.2 × 10.2in)
Build Platform	PI Sheet Heating + Ceramic Glass
Leveling	Automatic Leveling
Layer Thickness	0.05-0.3mm
Max Travel Speed	Max. 300mm/s
Extruder Temperature	Max. 450°C/842°F
Platform Temperature	Max. 160°C/320°F
Chamber Temperature	Max. 90°C/194°F
Input File Type	STL, OBJ
Filament Diameter	1.75mm
Position Resolution	XY: 12.25µm Z: 1.25µm
Motor Drive	4 High Performance Independent Drivers
Safety Certification	FCC, SGS and CE
Supported Materials	PEEK, PEEK+CF, PEKK, ULTEM (PEI), PPSU, PC, PC Alloys, PA, PA+CF, ABS, Carbon Fiber-Filled, Metal-Filled, Fiber-glass-Filled, ASA, PETG, ESD-Safe, HIPS, TPU, PLA, PVA, etc.

FUNMAT PRO 410

Smart Enterprise Level Industrial 3D Printer

Smarter Design

Smart Dual Nozzles 3D Printing Solution. Automatic Leveling, Jam Warning

Heated Chamber

Able to Print Big Size Part without Warpage, Nozzles Liquid Cooling System

Industrial-Grade Configuration

Industrial Grade Components for High Precision and High Speed Printing



Technical Parameters

Model	FUNMAT PRO 410
Printing Technology	Fused Filament Fabrication (FFF)
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. 500mm/s XY: Max. Acceleration 5000mm/s ²
Printing Nozzles	2 Printing Nozzles Without Scratching, Able to Move up and Down
Extruder Temperature	Max. 500°C/932°F, Nozzles Liquid Cooling System
Platform Temperature	Max. 160°C/320°F
Chamber Temperature	Max. 90°C/194°F
Filament Chamber Temperature	Max. 70°C/158°F
Input File Type	STL, OBJ
Filament Diameter	1.75mm
Position Resolution	XY: 15.6µm Z: 1.56µm
Smart Monitor & Control	Filament Jam Warning, Nozzles Liquid Cooling System, Filament Absence Warning, Power Failure Recovery
Safety Certification	FCC and CE
Connectivity	WiFi, Internet, USB
Supported Materials	PEEK, PEEK+CF, PEKK, ULTEM (PEI), PPSU, PC, PC Alloys, PA, PA+CF, ABS, Carbon Fiber-Filled, Metal-Filled, Fiber-glass-Filled, ASA, PETG, ESD-Safe, HIPS, PLA, PVA, etc.