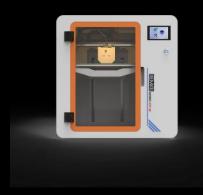


## **3D Printing Solutions For High Performance Materials**



**MAGIC-HT-M** 

Build Volume: 220×220×220 mm

Printing Temperature: Up to 450°C

Hot Bed Temperature:: Up to 150°C

Chamber Temperature: Up to 90°C

**Extrusion System: Single Extruder** 

Majority of the Materials on Market: PEEK, CF-PEEK, PEKK, CF-PEKK, PEI 1010/9085, PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS, CF-ABS, PETG,

HIPS, TPU, PLA, CF-PLA, PVA...

Item	MAGIC-HT-M	
Printing Size (L × B × H)	220×220×220 mm	
Machine Size (L × B × H)	505×435×515 mm	
Packing Size (L × B × H)	535×465×675 mm	
Net Weight	35KG	
Gross Weight	51KG	
Power	100~250 V, 50~6Windows 64 Bit 0 Hz 950 W	



## 3D Printing Solutions For High Performance Materials

	Principle:	Fused Filament Fabrication
	Extrusion System:	Single Extruder
	Filament Diameter:	1.75 mm
	Position Resolution:	X/Y: 12.5 μm Z: 1.25 μm
	Printing Speed:	0 - 150 mm/s
	Printing Platform:	Carbon Fiber Plate, Quick Detachable
	Print Bed Temperature:	150°C
	Heated Bed Materials:	Silicon
	Printing Platform Auto Calibration:	Support
	Power Failure Recovery:	Support
	Supporting Materials:	PEEK, CF-PEEK, PEKK, CF-PEKK, PEI 1010/9085,
C = 112 = 12		PPSU, PC, CF-PC, PA, CF-PA, GF-PA, ASA, ABS,
Common		CF-ABS, PETG, HIPS, TPU, PLA, CF-PLA, PVA
	Layer Thickness:	0.05 – 0.3 mm
	Nozzle Diameter:	0.4 mm (Default), 0.6 mm, 0.8 mm, 1.0 mm
		(Choosable)
	Extruder Temperature:	450 °C
	Connection Control:	Wi-Fi, SD Card
	Suggest Operating Environment:	15-30°C, relatively humidity 10-90%, No
		Moisture Condensation
	Storage Temperature:	-25 - 55 °C, relatively humidity 10-90%, No
		Moisture Condensation
	Technology Certification:	CE, RoHS
	Air Filter:	Activated Carbon Filters (Choosable)
	Supplied Software:	IEMAI 3D EXPERT, Cura, Simplify3D
Coftware	Operating System:	Windows 64 Bit
Software	File Type:	STL, OBJ, 3MF
	Output:	GCODE
	Power Failure Recovery	
	Filament Absent Warning	
Cookers	Auto-Shut Down System	
Features	WIFI Control	
	Auto Leveling	
	Camera Monitoring (Choosable)	