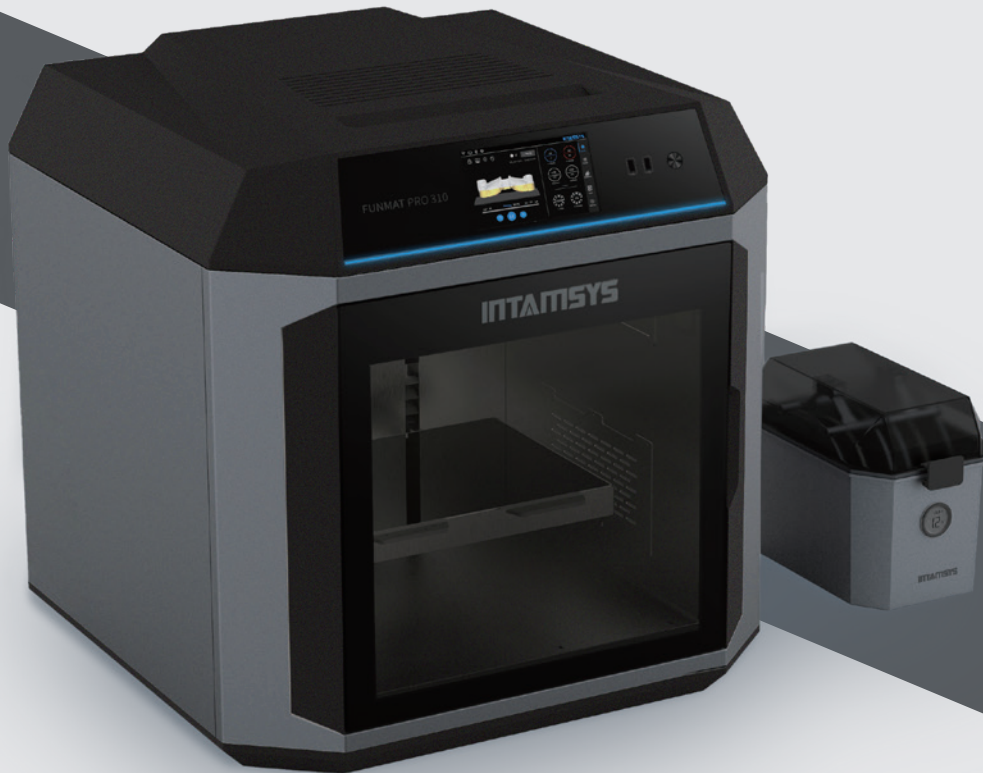


FUNMAT PRO 310

Bringing High Performance Material Printing Capabilities To Professional Engineers



Thermostatic chamber and full-size printing capability



IDEX, more possibilities with multi material printing and twice as fast with sync and mirror mode



Material chamber is able to passively keep it dry as it prints, ensure to have continuous high-quality printing



Intelligent design and whole-process control
Brings an unparalleled customer experience



The FUNMAT PRO 310 responds to the growing demands of professional engineers. It features with its thermostatic chamber and its full-size printing capability. The thermostatic chamber can reach up to 100 °C, to realize engineering plastics in large-scale printing (305 X 260 X 260mm). Plug & play and easy-to-remove modular IDEX design can realize multiple printing modes.

The FUNMAT PRO 310 also offers solutions for various engineering materials, such as ASA/ABS/PC/PC-ABS/PA/PA-CF.

Print with our user-friendly 3D model-slicing software to experience industrial-grade high-quality printing projects.

Technical Parameters

Technology	FFF	Print Speed	Max.120mm/s
Build Volume	Single Nozzle: 305 × 260 × 260 mm; (12 × 10.2 × 10.2in)	Nozzle Diameter	0.4mm (Optional:0.25/0.6mm)
	Dual Nozzle: 260 × 260 × 260mm (10.2 × 10.2 × 10.2in)	Chamber Temperature	Max. 100°C (212°F)
Printer Size	700 × 655 × 700mm 27.6 × 25.8 × 27.6in	Build Plate Temperature	Max. 160°C (320°F)
Layer Thickness	0.1- 0.3mm	Leveling	Mesh leveling(Max. 100 points)
Number of Nozzles	2 (IDEX)	Filament Diameter	1.75mm
Nozzle Temperature	Max.300°C (572°F)	Travel Speed	Max.XY 500mm/s
		Resolution	XY: 16µm Z: 1.25µm
		Functions	Filament Absence Warning, Remote Monitor, Remote Control, Remote Print
Voltage	100–132V/15A or 200–240V/7A, 50/60 Hz	Nozzle maintenance	Quick release design, easy installation and disassembly
Max. Power	1600W	Filament Box	Standalone, overall sealed, built-in reusable molecular sieve to ensure low humidity, real-time monitoring of TEMP and HUM.
Connectivity	WiFi, Ethernet, USB	Number of Filament Trays	2 (Max 1Kg/pcs)
Screen	7" Touch Screen	Materials*	PA6/66, PA6-CF, PA12-CF, PC, PC-ABS, ABS, ASA, PLA, HIPS, PVA
Build Plate	Sprint Steel Magnetic Build Plate with Polyimide Film		
Cooling	FAN		
Filtering system	HEPA+Activated Carbon		
Safety Design	Safety door lock, over temperature protection, overload protection, warning labels	Certification	CE, FCC, SGS
Safety Standards	EN60204	Slicing Software	INTAMSUITE
		Supported File Types	.stl/.obj/.x3d/.3mf/.stp/.iges
		Operating System	Windows
Environment Temperature	15~30°C(59~86°F)	Storage Temperature	0~35°C(32~95°F)
Environment Humidity	30~70%	Storage Humidity	20~90%

*Printing materials are not limited to this table, recommended printing materials are fully validated on the printer.