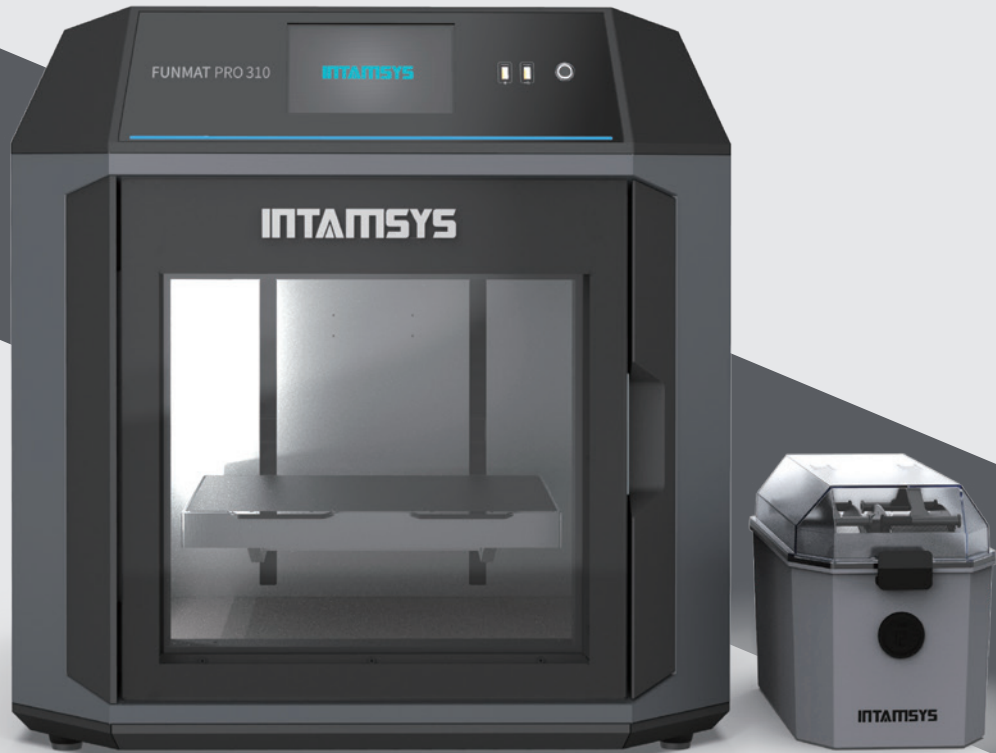


# FUNMAT PRO 310

High Performance Material 3D Printing for Professional Engineers



Thermostatic chamber and full-size printing capability



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



Independent filament box keeps material continuously dry for high-quality prints



Unparalleled user experience with intelligent design and whole-process control



The FUNMAT PRO 310 responds to the growing demands of professional engineers. It features a 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.

With whole-process control the FUNMAT PRO 310 offers engineering material capabilities such as ASA/ABS/PC/PC-ABS/PA/PA-CF with our user-friendly 3D model-slicing software.

## Technical Parameters

Technology	FFF	Print Speed	Max.120mm/s
Build Volume	Single Nozzle: 305 x 260 x 260 mm; (12 x 10.2 x 10.2in) Dual Nozzle: 260 x 260 x 260mm (10.2 x 10.2 x 10.2in)	Nozzle Diameter	0.4mm (Optional:0.25/0.6mm)
Printer Size	700 x 655 x 700mm 27.6 x 25.8 x 27.6in	Chamber Temperature	Max. 100°C (212°F)
Layer Thickness	0.1- 0.3mm	Build Plate Temperature	Max. 160°C (320°F)
Number of Nozzles	2 (IDEX)	Leveling	Mesh leveling(Max. 100 points)
Nozzle Temperature	Max.300°C (572°F)	Filament Diameter	1.75mm
		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	1500W	Filament Box	Standalone, overall sealed, built-in reusable molecular sieve to ensure low humidity, real-time monitoring of TEMP and humidity
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	Flexible buildplate with Polyimide Heating 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.