



## PEEK-250 Specifications

Printing	
Build Volume	250*250*300 mm
Filament Diameter	1.75mm
Number of Nozzles	Single Extruder
Nozzle Diameter	0.4mm (0.6mm optional)
Filament Compatibility	Engineering Plastics: PLA, ABS, ASA, PC, Nylon, PETG, PVDF, Carbon Fiber; High temperature Material: PET-CF, PET-GF, UltraPA, UltraPA-GF, UltraPA-CF, PPSU; Ultra-performance material: PEI(ULTEM™ Full line), PEEK, PEEK- CF(Carbon fiber), PEEK-GF(glass fiber), PEKK, etc.

<b>Speed</b>	
Best Printing speed	55 mm/s
Max. Printing speed	180mm/s

<b>Electrical</b>	
Input Power	200V~240V
Rated Power	2500W
Screen	7" full color touch screen, multi-language
Print Method	USB Connectivity/USB Disk

<b>Mechanical</b>	
Cooling	Air pump cooling & water cooling
Platform	PCB aluminum + PEEK print board
Positioning Precision	X Y axis 0.0127mm, Z axis 0.00125mm
Extruder	Directly Drive
Machine Construction	Fully enclosed hot chamber

<b>Temperature</b>	
Nozzle Max. Temperature	480°C
Chamber Temperature	200°C
Platform Max. Temperature	200°C

<b>Software</b>	
Software	Creatware, Simplify3D, Cura, Slic3r
Operating Systems	Windowsall, macOS
Print File Type	STL, OBJ, AMF, Gcode

<b>Special Function</b>	
Outage Restored	Save data when power is off
Filament Detection	Pause printing when filament run out
Thermal insulation	Three layer insulation+Active air cooling (Chamber temp. reaches 180 ° C, the external surface temp. is less than 40 ° C)
High temperature accessories	High temperature resistance motors, linear rails, belts and circuits to ensure long time high temperature printing.
Doors cooling	Active air cooling

<b>Size &amp; Weight</b>	
Machine Size	630*555*815mm
Net Weight	100 kg
Packing Size	740*680*1030mm
Gross Weight	125 kg