

PartPro300 xT



■ Printing Properties

Print Technology	Fused Filament Fabrication (FFF)
Max. Build Area (WxDxH)	Dual: 7.68" X 10.6" X 11.8" (195 x 270 x 300 mm) Single: 11.6" X 11.8" X 11.8" (295 x 300 x 300 mm)
Layer Resolution	0.4mm single nozzle: 50-400 micron 0.4mm dual nozzle: 200-400 micron 0.8mm nozzle: 400-700 micron
XY Positioning Precision	12.5 micron
Printing Software	XYZmaker Suite
Supported File Formats	stl, .3mf, .obj, .igs, .stp, .ply, .amf, XYZ Format (.3w), .nkg (.stl), .3cp

■ Material

Material Compatibility	ABS / PLA / Tough PLA / PETG / BVOH / *XYZ Carbon Fiber / *Premium Metallic PLA / *PC (*Need to use with Harden Steel Nozzle)
Support 3rd Party Material	No
Filament Diameter	1.75 mm

■ Extruder

Nozzle Diameter	0.4 / 0.8 mm (Option)
Number of Nozzles	Type 1 : Single Nozzle (Hardened Steel Nozzle) Type 2 : Dual Copper Nozzle
Nozzle Temperature	Extruder 260 ° C / 500 °F (Standard module) Extruder 350 ° C /662 °F (Optional advanced module)
Max. Moving Speed	300 mm / s

■ Print Bed

Print Bed	Removable Glass
Print Bed Temperature	100 °C / 212 °F
Calibration	Auto / Manual

■ Hardware

Filament Feeding System	Yes
User Interface	5" Color LCD Touch Panel
Language	Multilingual
Connectivity	USB 2.0, USB Flash Drive (FAT32), WiFi 802.11 b/g/n, Ethernet
Print Resuming	Yes

■ System Requirements

Operating Systems	Windows 10 , 64-bit MAC OS X 10.14 Note: Standard VGA driver on operating system, or a graphics card doesn't support OpenGL 2.1, may cause unknown error in XYZmaker Suite. If the OS version is earlier than Windows 10 or Mac OS X 10.14, the system will discontinue XYZprint AM^{FFF} hot-fix support.
Minimum Hardware Requirements	For PC: CPU 4th Generation Intel® Core™ i5 Processor or more / RAM: 8GB/ Hard Disk Space: 20GB or more For MAC: RAM: 8GB / Hard Disk Space: 20GB or more

■ Operating Requirements

Power Requirements	100V ~ 240V 550W
Operating Temperature	20 ~ 35 °C / 68 ~ 95 °F
Operation Humidity	30 ~ 60 % RH (no condensation)
Storage Temperature-Filament	10 ~ 40 °C / 50 ~ 104 °F

■ Engraving Properties

Engraving Area	7.9" x 7.9" (285 x 285 mm)
Laser Engraver	Optional
Laser Wavelength	406 nm + 8 nm / - 6 nm InGaN
Output Power	300 mW ± 10%
Laser Engraving Software	XYZengraver
Supported Image Formats	.jpg / .png / .gif /.bmp

■ Size & Weight

Product Dimensions (WxDxH)	21.3" X 24" X 28.8 " (540 x 610x 733 mm)
Product Weight	41.6 kg (91.52 lbs)
Packed Dimensions (WxDxH)	27.95" x 27.6" x 35.7" (710x700x906 mm)
Packed Weight	58.6 kg (128.92 lbs)
Filament Box (WxDxH)	19.57" x 9.37" x 16.14" (497 x 238 x 410 mm)
Net Filament Box Weight	4.4 kg (9.7 lbs)
Box Shipping Dimensions(WxDxH)	23.9" x 13.19" x 18.7" (607 x 335 x 475 mm)
Box Shipping Weight	8 kg (17.64 lbs)

■ Additional

Air Filtering	Yes
Max. Heating Chamber Temp.	70 °C / 158 °F
Build-in Camera	YES
Filament Box	YES