

PartPro200 xTCS



■ Printing Properties

Print Technology	Color Texture Inkjet Printing 3D Structure Fused Filament fabrication (FFF)
Max. Build Area (WxDxH)	Mono Color Printing: 7.9" x 7.9" x 5.9" (200 x 200 x 150 mm) Full Color Printing: 7.2" x 7.2" x 5.9" (185 x 185 x 150 mm)
Layer Resolution	0.1 ~ 0.4 mm
XY Positioning Precision	0.0125 mm
Printing Software	XYZmaker Suite
Supported File Formats	.amf , .ply , .obj , .stl , .3cp, .3mf

■ Material

Material Compatibility	3D Color-inkjet PLA / PLA / Antibacterial PLA / Tough PLA / PETG / *Premium Metallic PLA / *XYZ Carbon Fiber (*Optional Extruder)
Filament Diameter	1.75 mm
Ink Type	Separate Ink Cartridge (CMYK)

■ Extruder

Nozzle Diameter	0.4
Number of Nozzles	1
Max. Moving Speed	180 mm / s
Hardened Steel Nozzle	Optional

■ Print Bed

Print Bed	Ez-removable Metal
Calibration	Auto

■ Hardware

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

■ System Requirements

Operating Systems	Windows 7、8、8.1、10 (64-bit) MAC OS X 10.10、10.11、10.12、10.13 Note: Standard VGA driver on operating system, or a graphics card doesn't support OpenGL 2.1, may cause unknown error in XYZmaker Suite.
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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 240W
Operating Temperature	15 ~ 30 °C
Operation Humidity	30 ~ 60 % RH (no condensation)
Storage Temperature-Filament	10 ~ 40 °C / 50 ~ 104 °F
Storage Temperature-Ink cartridge	15 ~ 35 °C

■ Scanning Properties

Scan Technology	Photogrammetry 3D
Scan Size (Ø x H)	5 x 5 cm ~ 14 x 14 cm (1.9" x 1.9" ~ 5.5" x 5.5")
Scan Resolution	5M pixel
Scan Accuracy	1.48 mm
Turntable Payload	≤ 3 Kg/6.6 lbs
Scan Software	XYZscan Color
Output File Types	.stl, .obj

■ Engraving Properties

Engraving Area	20 cm x 20 cm
Laser Engraver	Optional
Laser Wavelength	450 nm + 5 nm / - 10 nm InGaN
Output Power	350 mW ± 10%
Laser Engraving Software	XYZengraver
Supported Image Formats	.jpg, .png, .gif, .bmp

■ Size & Weight

Product Dimensions (WxDxH)	23.6" x 22.8" x 25.2" (600 x 581 x 640 mm)
Product Weight	34kg (71 lbs)
Packed Dimensions (WxDxH)	27.9" x 27.5" x 32.2" (710 x 700 x 820 mm)
Packed Weight	45 kg (95 lbs)