PartPro200 xTCS

All-in-One Redened

Change the way you work.
Scan and print in full color using only one machine, the PartPro200 xTCS.

Scan and Print. In Full Color

Productivity matters. With a built-in 3D scanning module, streamline your modeling workflow. 3D scan your favorite objects, make edits to them and print directly in full color. All these using only one 3D printer.

Original object ▸ Scan 3D Model File ▸ Full Color 3D Printing

Seamless Integration

Optimize your scans with XYZscan Color. A scanning software tool designed with a wide range of settings for the best scan results. Scan files can be exported in .obj and .stl formats, allowing for post-editing with XYZmaker or other software.

XYZscan Color

XYZmaker

Upgradable Laser Engraving

Bonus. The PartPro200 xTCS also has laser engraving capability. Simply swap the print head for our laser engraver add-on. Add a professional touch to your creative projects by engraving on materials such as paper, cardboard, leather, wood, and plastic.

All New Printing Experience

Max. Print Speed	Layer Resolution	Max. Build Area (WxDxH)	Scan Size (Ø x H)
180	100 - 400	7.9 x 7.9 x 5.9	2 x 2 - 5.5 x 5.5
mm /sec	microns	inches	inches

Specifications

Print Technology	Color Texture Inkjet Printing 3D Structure Fused Filament Fabrication (FFF)
Max. Build Area (WxDxH)	Mono Color Priting : 7.9 x 7.9 x 5.9 inches (200 x 200 x 150 mm) Full Color Printing : 7.3 x 7.3 x 5.9 inches (185 x 185 x 150 mm)
Layer Resolution	100 - 400 microns
XY Positioning Precision	X/Y 12.5 microns
Z Positioning Precision	0.0004 mm
Supported File Formats	.amf / .ply / .obj / .stl / .3cp / .3mf
Material Compatibility	3D Color-inkjet PLA / PLA / Tough PLA / PETG / Antibacterial PLA / *Premium Metallic PLA / *XYZ Carbon Fiber (*Optional Extruder)
Filament Diameter	1.75 mm
Nozzle Diameter	0.4 mm
Max. Moving Speed	180 mm/s
Print Bed	Ez-removable Metal
Calibration	Auto
Scan Technology	Photogrammetry 3D

Scan Size (Ø x H)	2 x 2 inches - 5.5 x 5.5 inches (50 x 50 mm - 140 x 140 mm)
Scan Resolution	5M pixel
Scan Accuracy	1.48 mm
Output File Types	.stl / .obj
Engraving Area	7.9 x 7.9 inches (200 x 200 mm)
Laser Wavelength	450nm + 5nm/-10nm InGaN
Output Power	350mW ± 10%
Supported Image Formats	.jpg / .png / .gif /.bmp
Connectivity	USB 2.0 Cable/ WiFi 802.11 b/g/n / USB Flash Drive
Operating Systems	Windows 7 / 8 / 8.1 / 10 (64 bits) MAC OS X 10.10 / 10.11 / 10.12 / 10.13
Power Requirement	100V - 240V 240W
Product Dimensions (WxDxH)	23.6 x 22.9 x 25.2 inches (600 x 581 x 640 mm)
Product Weight	34 kg (75 lbs)

* Must be upgraded to Hardened Steel Nozzle

** All features and specifications are subject to change without prior notice. For more information, please visit our website at **pro.xyzprinting.com**

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XYZ PRINTING

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