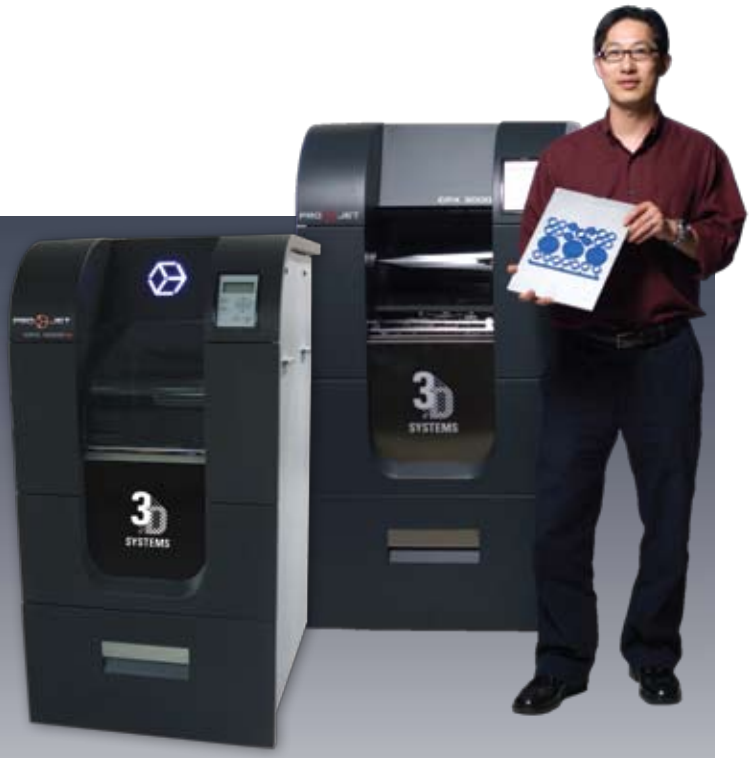
ProJet™ CPX 3000 & CPX 3000*Plus*

Professional 3D Printers

100% RealWax™
Fine Pattern Production System



CREATE WITH CONFIDENCE.

Mass produce 100% wax micro-detail patterns with superior surface quality, extreme fine detail and exceptional precision to enable rapid workflow, mass customization and improved casting room efficiencies and productivity. Casting yields mirror standard casting waxes and the RealWax™ pattern performance rivals injected wax patterns in existing lost-wax casting processes and equipment.

PRECISION · HIGH DEFINITION · INVESTMENT CASTING

RealWax™ ProJet™ patterns are ideal for casting jewelry, apparel, micro-detail medical devices, medical implants, electrical components, figurines, replicas, collectables and more.

For more information about 3D Systems' Professional 3D Printers, visit www.printin3d.com

3D SYSTEMS

ProJet™ CPX 3000

Professional 3D Printers

Extend Innovation. Extend Production. Extend Choices.

	ProJet™ CPX 3000	ProJet™ CPX 3000*Plus*
Printing Modes	HD - High Definition XHD - Xtreme High Definition	HD - High Definition UHD - Ultra High Definition XHD - Xtreme High Definition
Net Build Volume (xyz)		
HD Mode	298 x 185 x 203mm (11.75 x 7.3 x 8 inches)	298 x 185 x 203 (11.75 x 7.3 x 8 inches)
UHD Mode		203 x 178 x 152 (8 x 7 x 6 inches)
XHD Mode	127 x 178 x 152mm (5 x 7 x 6 inches)	203 x 178 x 152 (8 x 7 x 6 inches)
Resolution		
HD Mode	328 x 328 x 700 DPI (xyz); 36µ layers	328 x 328 x 700 DPI (xyz); 36µ layers
UHD Mode		656 x 656 x 1300 DPI (xyz); 20µ layers
XHD Mode	656 x 656 x 1600 DPI (xyz); 16µ layers	656 x 656 x 1600 DPI (xyz); 16µ layers
Accuracy (typical)	0.001-0.002 inch (0.025-0.05 mm) per inch of part dimension accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing methods	
E-mail Notice Capability	No	Yes
5 Year Printhead Warranty	Optional	Standard
Build Material		
VisiJet® CPX200 Wax Build Material	Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic.	
Support Material		
VisiJet® S200 Support Material	---------- Non-toxic wax support material with dissolvable hands-free removal ----------	
Material Packaging	Build materials in clean 0.38 kg cartridges, 4 per case (machine holds up to 10 cartridges with auto-indexing) Support materials in clean 0.405 kg cartridges, 8 per case (machine holds up to 10 cartridges with auto-indexing)	
Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A; 200-240* VAC, 50 Hz, single-phase, 10A	
Dimensions (WxDxH)		
3D Printer Crated	---------- 883 x 1420 x 1778mm (34.75 x 56 x 70 inches) ----------	
3D Printer Uncrated	---------- 737 x 1215 x 1504mm (29 x 47.8 x 59.2 inches) ----------	
Weight		
3D Printer Crated	---------- 385 kg (850 lbs) ----------	
3D Printer Uncrated	---------- 254 kg (560 lbs) ----------	
ProJet™ Accelerator Software	Easy build job set-up, submission and job queue management Automatic part placement and build optimization tools Part stacking and nesting capability Extensive part editing tools Automatic support generation Job statistics reporting tools	
Network Compatibility	---------- Network ready with 10/100 Ethernet interface ----------	
Client Hardware Recommendation	---------- 1.8 GHz with 1GB RAM (OpenGL support 64 mb video RAM) or higher ----------	
Client Operating System	---------- Windows XP Professional, Windows Vista, Windows 7 ----------	
Input Data File Formats Supported	---------- STL and SLC ----------	
Operating Temperature Range	---------- 18-28 °C (64-82 °F) ----------	
Noise	< 65 dBa estimated (at medium fan setting)	
Certifications	---------- CE ----------	

* Requires small external transformer supplied by 3D Systems in the provided country kit.

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