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





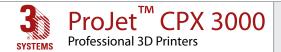




RealWax™ ProJet™ patterns are ideal for casting jewelry, apparel, micro-detail medical devices, medical implants, electrical components, figurines, replicas, collectables and more.

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





Extend Innovation. Extend Production. Extend Choices.

		ProJet [™] CPX 3000	ProJet™ CPX 3000 <i>Plus</i>
Net Build Volume (xyz) HD Mode UHD Mode	Printing Modes	HD - High Definition	UHD - Ultra High Definition
HD Mode UHD Mode XHD		XHD - Xtreme High Definition	
Resolution HD Mode UHD Mode XHD Mode XH	HD Mode	298 x 185 x 203mm (11.75 x 7.3 x 8 inches)	203 x 178 x 152 (8 x 7 x 6 inches)
HD Mode UHD Mode XHD Mode S65 x 656 x 1600 DPI (xyz); 16µ layers 656 x 656 x 1300 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 16µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1500 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 656 x 656 x 1600 DPI (xyz); 20µ layers 650 x 650	XHD Mode	127 x 178 x 152mm (5 x 7 x 6 inches)	
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 F-mail Notice Capability No Yes Yes Yes Yes Yes Yes Yes Ye	HD Mode UHD Mode	, , ,	656 x 656 x 1300 DPI (xyz); 20μ layers
accuracy may vary depending on build parameters, part geometry and size, part orientation, and post-processing methods E-mail Notice Capability No Yes Yes 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 Vax support Material WisiJet* S200 Support Material WisiJet* S200 Support Material 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 3D Printer Uncrated 883 x 1420 x 1778mm (34.75 x 56 x 70 inches) 3D Printer Uncrated 883 x 1420 x 1778mm (29 x 47.8 x 59.2 inches) Weight 3D Printer Crated 3D Printer Uncrated 385 kg (850 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 **Compatibility** Network Compatibility **Compatibility** **Compatibility** **Weight** Non-toxic wax support material with dissolvable hands-free removal **Automatic support generation Job statistics reporting tools **Non-toxic wax support material with dissolvable hands-free removal **Automatic support generation Job statistics reporting tools **Non-toxic wax support material with dissolvable hands-free removal **Automatic support generation Job statistics reporting tools **Non-toxic wax support material with dissolvable hands-free removal **Automatic support generation Job statistics reporting tools **Non-toxic wax support material with dissolvable hands-free removal **Automatic support waterial with di			
Build Material VisiJet* CPX200 Wax Build Material Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support Material VisiJet* 5200 Support Material WisiJet* 5200 Support Material 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 3D Printer Uncrated 883 x 1420 x 1778mm (34.75 x 56 x 70 inches) 737 x 1215 x 1504mm (29 x 47.8 x 59.2 inches) Weight 3D Printer Crated 3D Printer Uncrated 385 kg (850 lbs) 3D Printer Uncrated 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 Automatic support generation Job statistics reporting tools Network Compatibility Network ready with 1 0/100 Ethernet interface	Accuracy (typical)	accuracy may vary depending on build parameters, part geometry and size,	
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 VisiJet* S200 Support Material Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support Material Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support Material Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support Material Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support material with dissolvable hands-free removal Was material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support material with dissolvable hands-free removal Was material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support material with dissolvable hands-free removal Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support material with dissolvable hands-free removal Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support material with dissolvable hands-free removal Wax material event developed specifically for high quality distored contents and build optimized on to a cartridges with auto-indexing) Wax material events and build optimized with dissolvable hands-free removal Wax material events and build optimized with dissolvable hands-free removal Wax material events and build optimized with dissolvable hands-free removal Wax material events and build developed specifically events and build optimized with dissolvable hands-free removal Wax material events and build optimized with dissolvable hands-free removal Wax material events and build optimized with dissolvable hands-free removal Wax material events and build optimized with dissolvable hands-free removal Wax material events and build optimized with dissolvable	E-mail Notice Capability	No	Yes
VisiJet® CPX200 Wax Build Material Wax material developed specifically for high quality casting patterns. Dark blue. Non-toxic Support Material VisiJet® S200 Support Material 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 3D Printer Uncrated 3D Printer Uncrated 3D Printer Uncrated 3D Printer Crated 3D Printer Uncrated 40 S254 kg (550 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	5 Year Printhead Warranty	Optional	Standard
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 3D Printer Uncrated 3D Printer Crated 3D Printer Crated 3D Printer Uncrated 3B Video Note (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		Wax material developed specifically for hig	n quality casting patterns. Dark blue. Non-toxic.
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 3D Printer Uncrated		Non-toxic wax support material wi	th dissolvable hands-free removal
Dimensions (WxDxH) 3D Printer Crated 3D Printer Uncrated 3D Prin	Build materials in clean 0.38 kg cartri		
3D Printer Crated 3D Printer Uncrated 3D Printer Uncrated 3D Printer Crated 3D Printer Crated 3D Printer Crated 3D Printer Crated 3D Printer Uncrated 3B Kg (850 lbs) 3D Printer Uncrated 3B Kg (850 lbs) 3D Printer Uncrated 4B S x 1420 x 1778mm (34.75 x 56 x 70 inches) 737 x 1215 x 1504mm (29 x 47.8 x 59.2 inches) 4B S Kg (850 lbs) 5D Printer Uncrated 5D Printer Crated 3D Printer Crated 3D Printer Uncrated 5D Printer Crated 3D Printer Uncrated 5D Printer Crated 3D Printer Crated 3B Kg (850 lbs) 5D S S S Kg (850 lbs) 5D S S S S S S S S S S S S S S S S S S S	Electrical	100-127 VAC, 50/60 Hz, single-phase, 15A; 2	200-240* VAC, 50 Hz, single-phase, 10A
3D Printer Crated 3D Printer Uncrated 3B kg (850 lbs)	3D Printer Crated		
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	3D Printer Crated		
	Easy build job set-up, submission and Automatic part placement and build Part stacking and nesting capability Extensive part editing tools Automatic support generation		
Client Hardware Recommendation 1.8 GHz with 1GB RAM (OpenGL support 64 mb video RAM) or higher	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	Client Operating System	Windows XP Professional, Windows Vista, Windows 7	
Input Data File Formats Supported	Input Data File Formats Supported	STL and SLC	
Operating Temperature Range	Operating Temperature Range	18-28 °C (64-82 °F)	
Noise < 65 dBa estimated (at medium fan setting)	Noise	< 65 dBa estimated (at medium fan setting)	
Certifications CE	Certifications	CE	

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

www.printin3d.com



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Warranty/Disclaimer: The performance characteristics of these products may vary according to product application, operating conditions, material combined with, or with end use.

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