



Technical Specifications

	ZPrinter® 310 Plus	ZPrinter® 450	Spectrum Z®510
Application	Most Affordable, Great Parts	Most Affordable Color, Easy to Use, Office Friendly	Ultimate Control, Premium Color, Largest Build Size, Many Material Choices
Multicolor		✓	✓
Automated		✓	
Build Speed	2-4 layers per minute	2-4 layers per minute	2-4 layers per minute
Build Size	8 x 10 x 8 inches (203 x 254 x 203 mm)	8 x 10 x 8 inches (203 x 254 x 203 mm)	10 x 14 x 8 inches (254 x 356 x 203 mm)
Material Options	High performance composite, snap-fit, direct casting, elastomeric, investment casting	High performance composite	High performance composite, elastomeric, direct casting
Layer Thickness	0.0035 - 0.008 inches (.089 - .203 mm)	0.0035 - 0.004 inches (.089 - .102 mm)	0.0035 - 0.008 inches (.089 - .203 mm)
Resolution	300 x 450 dpi	300 x 450 dpi	600 x 540 dpi
Number of Print Heads	1	2	4
Number of Jets	304	604	1216
File Formats for Printing	STL, VRML, PLY, 3DS	STL, VRML, PLY, 3DS	STL, VRML, PLY, 3DS
Equipment Dimensions	29 x 34 x 43 inches (74 x 86 x 109 cm)	48 x 31 x 55 inches (122 x 79 x 140 cm)	42 x 31 x 50 inches (107 x 79 x 127 cm)
Equipment Weight	255 lbs (115 kg)	425 lbs (193 kg)	450 lbs (204 kg)
Power Requirements	115V, 4.3A or 230V, 2.4A	110V, 14.4A or 115V, 14.0A or 230V, 6.2A	100V, 7.8A or 115V, 6.8A or 230V, 3.4A
Network Connectivity	TCP/IP 100/10 base T	TCP/IP 100/10 base T	TCP/IP 100/10 base T
Workstation Compatibility	Windows 2000 Professional and Windows XP Professional	Windows 2000 Professional and Windows XP Professional	Windows 2000 Professional and Windows XP Professional
Regulatory Compliance	CE, CSA	CE, CSA	CE, CSA
Special Facility Requirements	None	None	None