ProJet™ Personal 3D Printers

ProJet™ 1500
Personal Color 3D Printer

ProJet™ 1000
Personal 3D Printer

The new ProJet™ Personal 3D Printers combine high resolution, fast speed and affordable price.

- High Resolution
- Fast Print Speed
- Durable Parts

Finally, A 3D Printer for the Rest of Us!

The ProJet™ Personal 3D Printer has a sleek industrial design to complement your office or work space. It's easy to use and network ready, featuring an intuitive web browser interface that provides shared access for your entire group.

The ProJet™ Personal 3D Printer prints durable plastic parts tough enough for functional testing and snap-fit applications. With the ProJet™ 1500, print in up to 6 different colors with excellent high resolution detail and smooth surface finish.

Bring your designs to life at print speeds up to 5 times faster than any other 3D printer in its class.

For more information on the ProJet™ Personal 3D Printer and other 3D Printers
visit www.printin3d.com

3DSYSTEMS™

ProJet™ Personal 3D Printers

PRINTER PERFORMANCE	ProJet™ 1500	ProJet™ 1000
Max Build Size (XYZ)	6.75 x 9 x 8 in (171 x 228 x 203 mm)	6.75 x 8 x 7 in (171 x 203 x 178 mm)
Native Resolution (xy)	1024 x 768 DPI	
Layer Thickness	Standard Mode 0.004 in (102 µm) High Speed Mode 0.006 in (152 µm)	Standard Mode 0.004 in (102 µm) only
Vertical Build Speed	Standard Mode 0.5 in/hour High Speed Mode 0.8 in/hour (VisiJet® FTI-Zoom material only)	Standard Mode 0.5 in/hour
Min Feature Size	0.010 in (0.254 mm)	
Min Vertical Wall Thickness	0.025 in (0.64 mm)	
Material Colors	○ ● ● ● ● ●	○

PRINTER SPECIFICATIONS	
File Types Supported	stl, ctl
Dimensions (W x D x H)	Uncrated 21.8 x 36 x 28.5 in (555 x 914 x 724 mm) Crated 24.5 x 39.5 x 30.5 in (622 x 1003 x 775 mm)
Weight	Uncrated 122 lbs (55.3kg) Crated 150 lbs (68 kg)
Power Requirement	100-120 VAC 50/60 Hz, 3A; 220-240 VAC 50/60 Hz, 1.5A
Ambient Noise	Under 60 dBa (measured 1m from the printer)
File Types Supported	STL, CTL
Network Compatibility	RJ45 - 10/100
Workstation Requirement	Windows® XP, Windows® Vista, Windows® 7 running Internet Explorer 8 or higher, Firefox 5 or higher, or Chrome 12 or higher
Regulatory Compliance	CE, RoHS, WEEE

MATERIALS	ASTM	UNITS	IVORY ○	RED ●	GREY ●	BLUE ●	BLACK ●	ZOOM ●
Cartridge Quantity		kg	2	2	2	2	2	2
Density (liquid) @ 30 °C		g/cm³	1.08	1.08	1.08	1.08	1.08	1.08
Tensile Strength	D 638	MPa	12 - 22	8 - 18	8 - 18	10 - 24	13 - 25	15 - 29
Tensile Modulus	D 638	MPa	800 - 1200	400 - 600	600 - 1000	600 - 1300	600 - 1000	800 - 1500
Elongation at Break	D 638	%	2 - 3	2 - 4	2 - 3	2 - 3	2 - 4	2 - 3
Flexural Strength	D 790	MPa	23 - 34	16 - 22	20 - 36	13 - 29	19 - 34	29 - 53
Flexural Modulus	D 790	MPa	750 - 1100	500 - 700	700 - 1000	300 - 800	600 - 1000	900 - 1400
Impact Strength	D 256	J/m	16	17	17	16	17	19
Heat Deflection Temperature	D 648	°C	52	50	45	47	50	52
Hardness, Shore D			77 - 80	65 - 70	75 - 80	70 - 80	75 - 82	72 - 85
Glass Transition, T_g	DMA, E"	°C	82	77	80	74	84	82