ProJet® 1000 & 1500
Personal 3D Printers

Fast
Affordable
High Resolution

High **Resolution**

Durable **Plastic** Parts

ProJet® 1500 **Color** Printer

3DSYSTEMS®

ProJet® 1000 & 1500
Personal 3D Printers

The ProJet® Personal 3D Printers have 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 Printers print 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.

	ProJet® 1500	ProJet® 1000
Printing Modes	Standard High Speed	Standard -
Net Build Volume (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	1024 x 768 DPI

Layer Thickness
  Standard Mode
  High Speed Mode
	0.004 in (102 µm)
	0.006 in (152 µm)
		0.004 in (102 µm)
		-

Vertical Build Speed
  Standard Mode
  High Speed Mode
	0.5 in (12.7 mm) /hour
	0.8 in (20.32 mm) /hour (VisiJet® FTI-Zoom material only)
		0.5 in (12.7 mm) /hour
		-

Min. Feature Size	0.010 in (0.254 mm)	0.010 in (0.254 mm)
Min. Vertical Wall Thickness	0.025 in (0.64 mm)	0.025 in (0.64 mm)
Material Colors	○ ● ● ● ● ●	○
Material Packaging	2 kg cartridge	2 kg cartridge
Electrical	100-120 VAC 50/60 Hz, 3A; 220-240 VAC 50/60 Hz, 1.5A	100-120 VAC 50/60 Hz, 3A; 220-240 VAC 50/60 Hz, 1.5A

Dimensions (WxDxH)
  3D Printer Crated
  3D Printer Uncrated
	24.5 x 39.5 x 30.5 in (622 x 1003 x 775 mm)
	21.8 x 36 x 28.5 in (555 x 914 x 724 mm)
		24.5 x 39.5 x 30.5 in (622 x 1003 x 775 mm)
		21.8 x 36 x 28.5 in (555 x 914 x 724 mm)

Weight
  3D Printer Crated
  3D Printer Uncrated
	150 lbs (68 kg)
	122 lbs (55.3kg)
		150 lbs (68 kg)
		122 lbs (55.3kg)

Network Compatibility	RJ45 - 10/100	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	
Input Data File Formats Supported	STL and CTL	STL and CTL
Noise	Under 60 dBa (measured 1m from the printer)	Under 60 dBa (measured 1m from the printer)
Regulatory Compliance	CE, RoHS, WEEE	CE, RoHS, WEEE

MATERIALS	ASTM	UNITS	IVORY ○	RED ●	GRAY ●	BLUE ●	BLACK ●	ZOOM ●
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

3D Systems Corporation
333 Three D Systems Circle
Rock Hill, SC 29730

Tel: +1 803.326.3900
moreinfo@3dsystems.com

05-14