PROJET® 1200 MICRO-SLA PRINTER

Low cost, micro-SLA desktop 3D printer

ProJet 1200

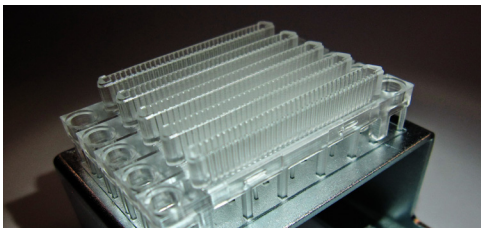
Net Build Volume (xyz)*	1.69 x 1.06 x 5.90 in (43 x 27 x 150 mm)*
Native Resolution (xyz)	56 micron (effective 585 dpi**)
Accuracy (typical)	Reference voxel size (XYZ)
Layer Thickness	0.0012 in (0.03 mm)
Vertical Build Speed	Up to 0.55 in/hour (14 mm/hour)
Build Materials	VisiJet® FTX Green , FTX Cast, FTX Gray, FTX Clear, FTX Silver, FTX Gold
Material Packaging	All-in-one material and build tray cartridge
Electrical Input Output	 100-240 VAC, 50/60 Hz, 2.0 A 24 V DC, 3.75 A, 90 W max
Dimensions (WxDxH) 3D Printer Crated 3D Printer Uncrated	 15 x 15 x 22 in (381 x 381 x 560 mm) 9 x 9 x 14 in (230 x 230 x 362 mm)
Weight 3D Printer Crated 3D Printer Uncrated	 25 lbs (12 kg) 20 lbs (9 kg)
3DSPRINT™ Software	Easy, fast print preparation and support generation
PC requirements	Windows® 7 or 8, 64 bit 2.0 GHz Intel or AMD CPU, 3.0 GHz recommended 4 GB RAM minimum, 8 GB recommended OpenGL 2.1 and GLSL 1.20 enabled graphics card 1280 x 960 or higher resolution 30 GB available HDD space for cache
Network Compatibility	Network-ready and USB printing
Input Data File Formats Supported	STL
Post-Processing	Built-in UV Curing Station
Certifications	CE

* Maximum part size is dependent on geometry, among other factors.
** Enhanced LED DLP technology provides an effective resolution of 585 DPI.

VISIJET® FTX MATERIALS

For micro-fine detail casting patterns and plastic parts



Properties	Condition	VisiJet FTX Green	VisiJet FTX Cast	VisiJet FTX Gray	VisiJet FTX Clear	VisiJet FTX Silver	VisiJet FTX Gold
Composition		UV Curable Plastic	UV Curable Plastic with Wax	UV Curable Plastic	UV Curable Plastic	UV Curable Plastic	UV Curable Plastic
Color		Dark Green	Light green	Gray	Clear	Silver	Gold
Cartridge Quantity		30 g	30 g	30 g	30 g	30 g	30 g
Density @ 25°C (liquid)		1.04 g/cm^3	1.01 g/cm^3	1.12 g/cm^3	1.1 g/cm^3	1.16 g/cm^3	1.16 g/cm^3
Tensile Strength	ASTM D638	30 MPa	2.2 MPa	28 MPa	24 MPa	16 MPa	16 MPa
Tensile Modulus	ASTM D638	1700 MPa	154 MPa	1288 MPa	1075 Mpa	701 MPa	866 MPa
Elongation at Break	ASTM D638	10%	2.20%	6.20%	13.50%	11.70%	5.70%
Flexural Strength	ASTM D638	40 MPa	3 MPa	38 MPa	31 MPa	22 MPa	18 MPa
Ash Content		0.01%	0.008%	N/A	N/A	N/A	N/A
Description		Tough castable plastic	Wax and plastic hybrid for delicate castings	Primer gray general purpose	Transparent tough	Metallic silver appearance	Metallic gold appearance

* DISCLAIMER: It is the responsibility of each customer to determine that its use of any VisiJet® material is safe, lawful and technically suitable to the customer's intended applications. The values presented here are for reference only and may vary. Customers should conduct their own testing to ensure suitability for their intended application.

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