

ProJet® 1200

Micro-SLA®, Low-Cost Professional 3D Printer



Quickly and economically print small, detailed parts for casting, prototyping and end-use parts.

The affordable ProJet® 1200 3D printer from 3D Systems puts the high precision and exceptionally fine feature detail of a professional 3D printer right on your desktop. Parts made on the ProJet 1200 are castable, so it is ideal for dental wax-ups, jewelry and other castings, and the durable, stiff parts are also great for plastic prototypes.

Featuring fast print times, the ProJet 1200 is a workhorse when short cycle times are crucial. Convenient all-in-one material cartridges make it easy to replenish materials, and network-based printing means your whole team can easily access the printer.

www.3dsystems.com

MANUFACTURING THE FUTURE



3DSYSTEMS®



ProJet® 1200

Micro-SLA®, Low-Cost Professional 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 (xy)	56 micron (effective 585 dpi*)
Layer Thickness	0.03 mm (0.0012 in)
Vertical Build Speed	14 mm/hour (0.55 in/hour)
Material	VisiJet® FTX Green
Material Packaging	All-in-one cartridge with built-in print window
Post-processing	Built-in UV Curing Station
Software	<ul style="list-style-type: none"> - Easy installer - Network connection - Windows®-based OS - Automatic and optimized supports
File Input	STL
Electrical Input	100-240 VAC, 50/60 Hz, 2.0 A
Electrical Output	24 V DC, 3.75 A, 90 W max
Dimensions (WxDxH)	
3D Printer Crated	15 x 15 x 22 in (381 x 381 x 560 mm)
3D Printer Uncrated	9 x 9 x 14 in (230 x 230 x 356 mm)
Weight	
3D Printer Crated	25 lbs (12 kg)
3D Printer Uncrated	20 lbs (9 kg)

* Enhanced LED DLP technology provides an effective resolution of 585 DPI.

A low cost, professional-grade 3D printer.

- **Maximize your dollar** – The ProJet 1200 achieves unmatched part accuracy and smoothness for the price, with layer thickness at 30 microns.
- **Make precise parts** – 585 dpi print resolution means you see every detail of your dental restorations, jewelry models and more.
- **Accelerate your workflow** – Fast print times allow you to keep up with your constant need for precision parts. Print 12 dental wax-ups in an hour and five rings in two hours.
- **Get started with 3D printing at an economical price** – The ProJet 1200's affordability and its inexpensive prints make it easier than ever to adopt 3D printing. Print a ring for less than a dollar in materials.
- **Get started quickly** – The ProJet 1200 features a convenient size and pushbutton operation.

Features:

- Enhanced LED DLP technology for 585 dpi resolution
- VisiJet FTX Green material cleanly burns out for ash-free castings
- Prints fast – 14 mm/hour vertically
- Integrated material cartridges ensure consistent high-quality parts every time
- Factory calibrated for reliably accurate operation
- Network printing ready

Micro-SLA

Micro-SLA is an additive manufacturing technology in which a thin layer of resin is contained in a build tray. The build platform lowers, transferring the resin to the build platform, and then the layer is cured by a UV projector. This process is repeated, building the part layer by layer until the model is finished.

VisiJet FTX Green

UV Curable Plastic

Properties	Condition	Value
Density @ 80° C (liquid)		1.04 g/cm ³
Color		Dark Green
Cartridge Quantity		30 g
Tensile Strength	ASTM D638	30 MPa
Tensile Modulus	ASTM D638	1700 MPa
Elongation at Break	ASTM D638	10 %
Flexural Strength	ASTM D638	40 MPa
Ash Content		0.01 %
Description		Ash-free castable



www.3dsystems.com

©2016 by 3D Systems, Inc. All rights reserved.

Specifications subject to change without notice. 3D Systems, the 3D Systems logo and Cube are registered trademarks of 3D Systems, Inc. All other trademarks are the property of their respective owners.

edden.ir



ایدن. راهکارهای سه بعدی

نماینده فروش محصولات کمپانی 3D Systems آمریکا در ایران

تلفن: ۰۲۱)۲۲۷۷۴۸۲۰ (فکس: ۰۲۱)۲۲۷۷۴۵۵۷

info@edden.ir