



Professional 3D Printer for Prototyping Parts

The powerful advantage of Stratasys
rapid prototyping.



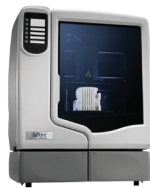
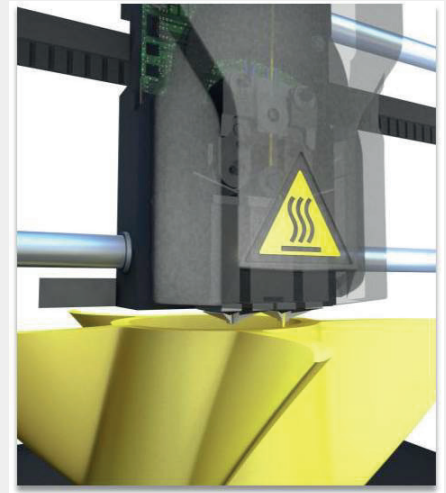
FDM Technology

3D print durable parts in production-grade materials

 ABS plus Opaque standard plastic in 9 colors	 ABSi Translucent standard plastic in 3 colors
 ABS-m30 Opaque standard plastic in 6 colors	 ABS-m30i Biocompatible, sterilizable engineering plastic
 ABS-ESD7 Static dissipative standard plastic	 ASA UV-resistant, durable standard plastic
 PC Strong engineering plastic in white	 PC-ISO Stronger biocompatible, sterilizable engineering plastic
 FDM Nylon 12 Tough plastic for advanced applications	 PC-ABS High-impact engineering plastic in black
 ULTEM 9085 FST-rated high-performance plastic	 ULTEM 1010 Strongest, most heat-resistant FDM material

FDM Technology 3D print durable parts with real thermoplastic

FDM Technology works with production-grade thermoplastics to build strong, durable and dimensionally stable parts with the best accuracy and repeatability of any 3D printing technology.



uPrint SE
Professional Powerhouse



Fortus 250mc
Large, durable parts with fine detail and maximum control



Fortus 380mc and Fortus 450mc
Build strong, accurate tools and prototypes

Performance Prototype

Model	uPrint SE	Fortus 250mc	Fortus 380mc and Fortus 450mc
Build Size	203 x 152 x 152 mm (8 x 6 x 6 in.)	254 x 254 x 305 mm (10 x 10 x 12 in.)	Fortus 380mc: 355 x 305 x 305 mm (14 x 12 x 12 in.) Fortus 450mc: 406 x 355 x 406 mm (16 x 14 x 16 in.)
Layer Thickness	0.254 mm (.010 in.)	0.013 inch (0.330 mm) 0.010 inch (0.254 mm) 0.007 inch (0.178 mm)	0.330 mm (0.013 in.) 0.254 mm (0.010 in.) 0.178 mm (0.007 in.) 0.127 mm (0.005 in.)
Accuracy		Parts are produced within an accuracy of $\pm .241$ mm ($\pm .0095$ in.). (Accuracy is geometry dependent. Achievable derived from statistical data at 95% dimensional yield.) accuracy specification	Parts are produced within an accuracy of $\pm .127$ mm ($\pm .005$ in.) or $\pm .0015$ mm/mm ($\pm .0015$ in/in), whichever is greater. (Accuracy dependent. Achievable accuracy specification derived from statistical data at 95% dimensional yield.) is geometry
Print Materials	ABSplus in ivory	ABSplus-P430 in Ivory black blue dark grey fluorescent yellow nectarine olive green red white and custom colors	ABS-M30 ABS-M30i ABS-ESD7 ASA PC-ISO PC Nylon 12 Fortus 450mc only: ULTEM 9085 resin ULTEM 1010 resin
System size and Weight	635 w x 660 d x 787 h mm (25 x 26 x 31 in.), 76 kg (168 lbs.)	838 x 737 x 1143 mm (33 x 29 x 45 in.) /with crate: 186 kg (409 lbs.), without crate: 148 kg (326 lbs.)	129.5 x 90.2 x 198.4 cm (51 x 35.5 x 78.1 in.) /with crate: 680 kg (1,500 lbs.), without crate: 601 kg (1,325 lbs.)
Power Requirements	uPrint SE: 100–127 VAC 50/60 Hz, minimum 15A dedicated circuit or 220–240Hz, dedicated circuit VAC 50/60 minimum 7A	110–120 VAC, 60 Hz, minimum 15A dedicated circuit; or 220–240 VAC 50/60 Hz, minimum 7A dedicated circuit.	Fortus 380mc: 208VAC 3 phase, 50/60 Hz consumes 18 Amps Fortus 450mc: 208VAC 3 phase, 50/60 Hz consumes 18 Amps
Network Connectivity	Ethernet TCP/IP 10/100 base T	10/100 base T connection ; Ethernet protocol	10/100 base T connection; Ethernet protocol

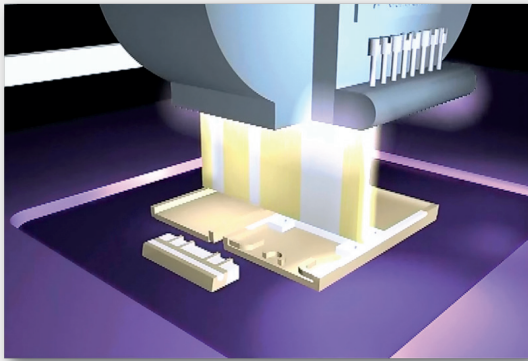
PolyJet Technology







3D print in hundreds of materials

PolyJet Materials

Precision 3D printing in a wide range of materials

PolyJet is a powerful 3D printing technology that produces smooth, accurate parts, prototypes and tooling. With microscopic layer resolution and accuracy down to 0.1 mm, it can produce thin walls and complex geometries using the widest range of materials available with any technology.



	Transparent Materials		Rigid Opaque Materials
	Rubber-like Materials		Digital ABS Materials
	Polypropylene-like Materials		High Temperature Materials

The ultimate Full-color



Objet30 Prime

The World's Most Versatile Desktop 3D Printer



Objet Eden260VS

Build Precise Prototypes With Outstanding Productivity



Stratasys J750

The ultimate full-color, multi-material 3D printer

Objet30 Prime	Fortus 250mc	Fortus 380mc and Fortus 450mc
294 x 192 x 148.6 mm (11.57 x 7.55 x 5.85 in.)	255 x 252 x 200 mm (10.0 x 9.9 x 7.9 in.)	490 x 390 x 200 mm (19.3 x 15.35 x 7.9 in.)
28 microns (0.0011 in.) for Tango materials; 16 microns (.0006 in.) for all other materials	Horizontal build layers as fine as 16 microns (0.0006 in.)	Horizontal build layers down to 14 microns (0.00055 in.)
0.1 mm (0.0039 in.) may vary depending on part geometry, size, orientation, material and post-processing method	20-85 microns for features below 50 mm; up to 200 microns for full model size (for rigid materials only, depending on geometry, build parameters and model orientation)	20-85 microns for features below 50 mm; up to 200 microns for full model size (for rigid materials only)
Bio-compatible (MED610) High Temperature (RGD525) Rigid Opaque white (VeroWhitePlus) Rigid Opaque blue (VeroBlue) Rigid Opaque black (VeroBlack) Rigid Opaque gray (VeroGray) Rubber-like (TangoGray and TangoBlack) Simulated Polypropylene (Durus and Rigur) Transparent rigid (VeroClear and RGD720)	Transparent rigid (VeroClear and FullCure RGD720) Rubber-like (Tango family), Rigid Opaque (Vero family), Simulated Polypropylene (Rigur and DurusWhite), High Temperature (RGD525)	Vero family of opaque materials including neutral shades and vibrant colors Tango family of flexible materials Transparent VeroClear and RGD720 Digital Materials Unlimited number of composite materials including: <ul style="list-style-type: none"> • Over 360,000 colors • Digital ABS and Digital ABS2 in ivory and green • Rubber-like materials in a variety of Shore A values • Translucent color tints
825 x 620 x 590 mm (32.28 x 24.4 x 23.22 in.); 106Kg/234lb	870 x 735 x 1200 mm (34.3 x 28.9 x 47.2 in.); 264 kg (582 lbs)	1400 x 1260 x 1100 mm (55.1 x 49.6 x 43.4 in.); 430 kg (948 lbs.)
100-120V~; 50-60Hz; 7A200-240V~ ; 50-60Hz; 3.5A	110-240 VAC 50/60 Hz; 1.5 KW single phase	100-120 VAC, 50-60 Hz, 13.5 A, 1 phase 220-240 VAC, 50-60 Hz, 7 A, 1 phase
Ethernet TCP/IP 10/100 base T	LAN - TCP/IP	Ethernet TCP/IP 10/100 base T

Precision Prototype

FDM Technology

RedDOT — ULTEM 9085

RedDOT solves clients' design problems with onsite functional prototyping

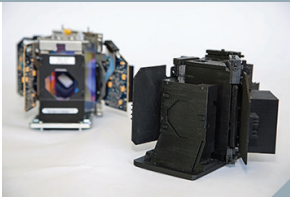


"We are nearly certain to get the design right the first time so we can keep customers happy."

— Gary Hansen, RedDOT

Christie Digital

A mix of 3D printing technologies helps optimize products



"We have had a mindset change with our engineers. Now they are not willing to live with one prototype and hope it works,"

— Mark Barfoot, Christie Digital Systems

IRIS Ohyama

IRIS Ohyama uses multiple 3D printing platforms to speed up product development

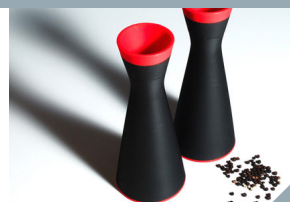


"Using the Dimension and the Objet 3D Printers for distinct purposes, we can respond to any design requirements with accuracy and speed."

— Hiroshi Oizumi, IRIS Ohyama

m3 Design

Dimension® SST 3D Printer Empowers M3 Design



"We needed a solution that would be a natural fit in our design process, allowing us to make as many iterations as we needed to achieve the high level of innovation and creativity we are known for."

— Walt Carver Mechanical Engineering Manager, M3 Design

Black and Decker

Dimension 3D Printer Powers Freedom of Design at Black & Decker



"Before using a 3D printer it would typically take three to five days to get a prototype back from the service bureau. Having the machine onsite has made a phenomenal difference to this procedure. Parts that previously took three days can now be ready in just a few hours."

— Steve Swaddle Manager of Technology, Black and Decker

Polyjet Technology



VALEO Shashi A/C

VALEO Strengthens Competitive Advantage's Reduces Costs with Objet 3D Printer

"The sample precision printed and fashioned by the Objet Eden is very high, and material performance is also very good, fully satisfying our technological requirements."

— Zhu Shi Fang, VALEO Shashi A/C



Automated Innovation iRobot Cleans Up With SUP706

"Soluble support SUP706 has greatly reduced time and labor in our workflow process...We can build more prototypes faster, which helps us reduce the time required to bring innovative products to market."

— Hiten Sonpal / iRobot



Adidas

adidas Races into the Future with Objet 3D Printing

"The Objet Connex 3D Printer enables us to produce high-quality models with excellent accuracy and very fine details in far less time."

— Olga Heidel, the adidas Group



Pioneer

3D printing helps Pioneer develop AR-enabled car navigation system

"By creating prototypes with an in-house 3D printer, we were able to cut down product development cost by approximately 50 percent."

— Yasuyuki Tobishima, Pioneer Corporation



Volvo CE

Volvo Construction Equipment digs up prototype savings of 18 weeks and 92% of costs

"3D printing will make it possible to build mock-up engine components so the platform and manufacturing teams can provide feedback at a much earlier stage in the development process."

- Jeff Hartman, Product Designer, Volvo Construction Equipment