

# BRING YOUR IDEAS TO LIFE WITH THE uPRINT<sup>®</sup> PERSONAL 3D PRINTER

At last — affordable, no-hassle 3D printing right at your desk. The uPrint Personal 3D Printer builds durable ABSplus™ models for visualization, collaboration, functional testing and planning.



**uPrint**  
by dimension.



Building 3D models at your desk is now as easy as clicking the print button.

## **uPrint: a better way to work for designers and engineers.**

Yesterday, you captured your brainstorm in 3D CAD. This morning, it's a functional 3D model you can hold in your hands, show to your team and test in the field. Only uPrint makes 3D printing so affordable, trouble-free and *personal*. Through every design iteration, uPrint brings your ideas into the real world as durable 3D models ready for collaboration and testing.



With a footprint of just 635 x 660 mm (25 x 26 in), uPrint puts 3D printing right on your desk. No waiting for a shared printer, no waiting for models from an outside service bureau.

## **Discuss and test your ideas with durable ABSplus models.**

What's more powerful: Showing a flat drawing, or a 3D model that everyone can examine from every angle? uPrint builds durable, accurate 3D models in ABSplus plastic. They're ideal for determining form, fit and function in everything from ergonomics to manufacturing processes.



*uPrint ABSplus models fit dozens of applications: product mockups, architectural models, even jigs, fixtures and vacuum forming molds.*

These aren't fragile lab beauties, either; ABSplus is stronger than other materials typically used to make 3D models. When it's time to test your concepts, ABSplus models stand up to functional testing under real-world conditions.

## **Accelerate your designs from CAD to model to production.**

Conquer deadline pressures and speed your projects to conclusion with help from a uPrint 3D Printer. It turns CAD files into models faster than outsourcing or an RP center. With uPrint, you can easily integrate 3D printing into your workflow.

*If you use CAD tools, uPrint is for you. Every uPrint 3D Printing System comes with our Catalyst®EX software which automatically prepares your CAD files for 3D printing.*



Whatever your profession — designer, engineer, architect, artist or teacher — there's room on your desk and in your budget for the uPrint Personal 3D Printer.

Get full details about the uPrint 3D Printer at [www.DimensionPrinting.com/uPrint](http://www.DimensionPrinting.com/uPrint)

# INSIDE THE uPRINT PERSONAL 3D PRINTER



**uPrint**  
by dimension

## The basic uPrint 3D Printing System includes everything you need to start making 3D models in durable ABSplus plastic.

For a price less than you'd expect, you get the uPrint Personal 3D Printer with one material bay, CatalystEX software, modeling bases, ABSplus model material, soluble support material and a start-up kit with cables, parts and tools. Just unpack, set up, install software, load materials and start making 3D models.

## With uPrint, making models is as easy as 1-2-3.

- 1** Prepare the file. Create your 3D model in CAD software, then click "print." CatalystEX software converts your CAD system's STL output into 3D model printing instructions, including support structures, that guide the uPrint extrusion head.
- 2** Print your model. uPrint uses patented Stratasys FDM® (Fused Deposition Modeling) technology to build your 3D model and its support material, layer by layer, from the bottom up on a removable modeling base.
- 3** Remove the support. Take your printed model out of the uPrint build chamber, pop it off the modeling base and dissolve away the soluble support material. Then, your model is ready to use, or ready for any post-processing you want: drilling, tapping, machining, sanding, painting, even chrome plating.

## Enhance the performance and efficiency of your uPrint 3D Printing System with these accessories.



A second material bay gives you twice the uninterrupted print capacity plus the flexibility of reloading materials during printing. The second bay easily installs under the bay that comes with your uPrint printer.

A support removal system makes soluble support removal a hands-free operation by soaking your model at the right solution temperature and agitation.

## uPrint Product Specifications

### Model material:

ABSplus in ivory

### Build size:

203 x 152 x 152 mm (8 x 6 x 6 in)

### Layer thickness:

.254 mm (.010 in) of precisely deposited model and support material

### Workstation compatibility:

Windows® XP / Windows Vista®

### Network connectivity:

Ethernet TCP/IP 10/100 base T

### Size and weight:

(uPrint printer and one material bay)

635(w) x 660(d) x 787(h) mm (25 x 26 x 31 in); 76 kg (168 lbs)

(uPrint printer and two material bays)

635(w) x 660(d) x 940(h) mm (25 x 26 x 37 in); 94 kg (206 lbs)

### Power requirements:

100–127 VAC 50/60 Hz, minimum 15A dedicated circuit, or

220–240 VAC 50/60 Hz, minimum 7A dedicated circuit

### Regulatory compliance:

CE / ETL / RoHS / WEEE

### Special facility requirements:

None

### Dimension 3D Printing

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