# Dimension Elite™

## Think in 3D and give your ideas new Dimension.

### Bring your ideas to life in every detail.

Print functional, durable 3D models of your most intricate product designs with the Dimension Elite 3D Printer. It turns your 3D CAD files into models with fine feature detail; models that you can not only examine, but test.

The Dimension Elite is ideal for printing 3D product mockups and functional models of parts such as medical devices, mobile electronics and precision instruments. Just click "print" to prep the CAD file and print the model, then remove the support material to reveal your detailed design in three dimensions.

### Bundle & Save

Order the Dimension 3D Print Pack™ and you'll get everything you need to start printing 3D models affordably – as soon as you unbox it.

You get:

- Elite 3D Printer

- SCA-1200 support removal system

- Startup supply of materials

**Learn more about the Dimension Elite at stratasys.com**

**Stratasys®** | Design Series

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## Print finely detailed 3D models.

### Print 3D models right in your office.

Why wait for an outside prototyping service? The Dimension Elite 3D Printer runs quietly and unattended in an office environment. There are no noxious fumes or toxic materials that require special handling or venting. You'll get your models in hours, not days. And, for the most efficient throughput, you can pack multiple models in the printer's build envelope.

### Production-grade thermoplastic makes tougher models.

The Dimension Elite 3D Printer uses ABS*plus*™ modeling material, a production-grade thermoplastic that is durable enough to perform virtually the same as production parts. Models printed with Dimension 3D Printers have customer-proven toughness – from commercial sprayers tested at pressures up to 60 psi, to final parts on M1 tanks normally machined in aircraft-grade aluminum.

### At the core of every model: FDM® Technology.

Stratasys FDM (Fused Deposition Modeling) Technology is the foundation for all Dimension 3D Printers. Models are printed from the bottom up with precisely deposited layers of modeling and support material. There's no waiting for models to "cure" — they're hard right out of the printer. The Dimension Elite 3D Printer uses Soluble Support Technology, which dissolves the supports in a water-based solution. Then, models can be drilled, tapped, sanded and painted.

### A tool for today's fast-track product development.

You'll dramatically improve your product development process with the Dimension Elite 3D Printer. It prints models that help you check form, fit and function, and correct errors, before your product goes into production. Shorten your product development cycle and accelerate time-to-market with the Dimension Elite 3D Printer.

## Product Specifications

**Model material:**
ABS*plus* in ivory, white, black, red, olive green, nectarine, fluorescent yellow, blue or gray

**Support material:**
Soluble Support Technology (SST)

**Build size:**
203 x 203 x 305 mm  (8 x 8 x 12 in)

**Layer thickness:**
.178 mm (.007 in) or .254 mm (.010 in) of precisely deposited ABS*plus* model and support material

**Workstation compatibility:**
Windows Vista®

**Network connectivity:**
Ethernet TCP/IP 10/100Base-T

**Size and weight:**
686 x 914 x 1041 mm (27 x 36 x 41 in)
136kg (300 lbs)

**Power requirements:**
110–120 VAC, 60 Hz, minimum 15A dedicated circuit; or 220–240 VAC 50/60 Hz, minimum 7A dedicated circuit

**Regulatory compliance:**  CE/ETL

**Special facility requirements:**  None

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