

Dimension Elite



MAKE YOUR IDEAS REAL.

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 examine, discuss and test under real-world conditions.

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.

PROTO3000
3D Engineering Solutions

Print finely detailed 3D models with real-world durability.

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. 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 — and make your ideas real.



Elite 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® XP / 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)
136 kg (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

*Manufacturer's worldwide list price. Additional options, shipping, applicable taxes/VAT/duties not included.

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Proto3000, Inc.
171 Marycroft Ave, Suite 101B
Vaughan, ON L4L 5Y3

proto3000.com
info@proto3000.com
1-888-887-7686

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